

PERMISSIBILITY WEEKLY DATE ENDING 3-31-07

26 March 2007

TIM HARPER  
3<sup>RD</sup> NORTH

4590MINER # 9 ROOFBOLTER  
# 12919 FEEDER BREAKER  
MICROW #6 44 SHUTTLE CAR  
# 45 SHUTTLE CAR TRICKLE DUSTER 550519120032  
488 SECTION SCOOP AND CHARGER HEAT LAMP #6

Signature

3-30-07

*Tim Harper*

2MSHA05323

## INSPECTION OF PERMISSIBLE ELECTRICAL EQUIPMENT

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
CABLE REELS SHEAVES TURN FREELY, SHARPE EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY
CONTROLLERS, MOTORS, EXPLOSION PROOF COMPARTMENTS, FOR EXCESSIVE OPENINGS OF FLAME PATH, DIAMETRICAL CLEARANCE OF SHAFTS, MISSING BOLTS, LOCK WASHERS, FLAT WASHERS, GENERAL CONDITION OF COMPARTMENT
CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED
INTERMACHINE CABLES HAVE NO SPLICES, CONDUITS ARE IN GOOD CONDITION, MARKED FLAME RESISTANCE, PROPERLY CLAMPED ON GLAND, SEPARATE FROM HYD. HOSES, AND PROTECTED FROM DAMAGE
CHECK LIGHTS FOR OPERATION, LIGHTS SECURED DOWN, LIGHT LENS NOT DEFECTIVE, LENS SECURED BY LOCK DEVICE LIGHTS IN GOOD CONDITION
CHECK FOR PROPER OPERATION OF CIRCUIT BREAKERS, OVERLOAD PROTECTION, PROPER OPERATION OF ELECTRICAL CIRCUITS, EMERGENCY STOP CONTROLS, SWITCH OPERATIONS
CHECK FOR PROPER 2G APPROVAL PLATE, X/P TAGS ON EXPLOSION PROOF ENCLOSURES, CAB CERTIFICATION TAG
CHECK FOR PROPER OPERATION OF PARKING BRAKES, SERVICE BRAKE OPERATION
CHECK FOR OIL, COAL, GREASE ACCUMULATIONS ON MACHINE, PROPER GUARDING OF ROTATING PARTS TO PREVENT PERSONAL INJURY
CHECK BATTERY COVERS ARE SECURED, BATTERIES COVERS ARE INSULATED, RECEPTICALS ARE IN GOOD CONDITION, LOCKING DEVICE IS INSTALLED TO PREVENT NIP FROM LOSING, CELL WATER LEVELS ARE CORRECT, CELL CAPS IN PLACE
CHECK FIRE SUPPRESSION FOR PROPER SPRAYS, SPRAY LOCATION, SPRAYS HAVE PROTECTIVE CAPS, (BATTERY BACKUP IS OPERATIONAL) ACTUATION BUTTON NOT SEIZED, CO2 BOTTLES NOT EXPENDED OUT, BOTTLES NOT DAMAGE, GENERAL CONDITION OF SYSTEM, FIRE EXTINGUISHER IN GOOD CONDITION, INSPECTION TAG ATTACHED AND EXTINGUISHER IS MOUNTED SECURELY.

COMMENTS:

2MSHA05324

## INSPECTION OF NON-PERMISSIBLE ELECTRICAL EQUIPMENT

FIRE PROTECTION, FIRE EXTINGUISHER FOR DEFECTS 250 LBS. ROCK DUST IF NEEDED, FIRE EXTINGUISHER INSPECTION TAG AND DATED, SELF ACTUATING FIRE SUPPRESSIONS ARE OPERATIVE AND WIRED CORRECTLY TO REMOVE POWER FROM EQUIPMENT OR ENGINE SHUT DOWN, NOZZLES ARE PROTECTED AND PROPER LOCATION, HOSE ARE SECURED AND PROTECTED FROM DAMAGE, GAS BOTTLES OR AIR TANKS ARE NOT EXPENDED OUT.
CABLES AND CONDUITS IN GOOD CONDITION, CABLE ENTRANCE GLANDS PROPERLY INSTALLED, ADDITIONAL INSULATION PROVIDED ON ENTRANCE GLAND IF NEEDED, CABLES ARE ENTERED CORRECTLY, MONITOR AND GROUND CONNECTION ARE SEPARATED, BUSHED WERE PASS THROUGH MEDAL WALLS
EQUIPMENT GUARDS ARE IN PLACE AND SECURED, OPENINGS IN ELECTRICAL CONTROLLERS PLUGGED OR COVERED, DOORS TO ELECTRICAL CIRCUITS ARE SECURED SHUT, VISUAL WINDOWS IN GOOD CONDITION, ELECTRICAL CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EMERGENCY STOP SWITCHES WORK CORRECTLY, START AND STOP SWITCHES WORK PROPERLY, CHECK EQUIPMENT FOR PROPER OPERATION,
DISCONNECTS ARE IDENTIFIED CORRECTLY, ELECTRICAL PLUG AND RECEPTACLE IDENTIFIED CORRECTLY, RECEPTACLES AND PLUGS IN GOOD CONDITION, CIRCUITS ARE IDENTIFIED, PROVISIONS FOR LOCK OUT OF PLUG AND MACHINE, STRAIN CLAMPS INSTALLED AND WITH ADDITIONAL INSULATION, DUST COVERS FOR RECEPTACLES IN PLACE, GROUND STRAPS ARE HOOKED UP,
POWER CABLE IS HUNG ON INSULATORS, GUARDED WHERE IT CROSSES COMMUNICATION LINES AND HIGH VOLTAGE CABLE, IN GOOD CONDITION
CORRECT PROTECTION PROVIDED, OVERLOAD, SHORT CIRCUIT, GROUND FAULT, UNDER VOLTAGE,
CORRECT INSTANTANEOUS BREAKER SETTING (7 TIMES FLA=LOW 13 TIMES FLA=HIGH) THIS IS FOR POWER CABLES ONLY, 1.25 TIMES FLA= AMPACITES SIZE FOR CABLE
EQUIPMENT FREE OF ACCUMULATIONS, 24" CLEARANCE AROUND ALL SIDES, NO ROOF AND RIB HAZARDS, AREA WELL ROCK DUSTED

2MSHA05325

PERMISSIBILITY MUST BE SIGNED DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
3/29	3 <sup>RD</sup> NORTH	4590 MINER	Accumulation of coal & oil	Tagged out	CPH
3/29	3 <sup>RD</sup> NORTH	#9 ROOF BOLTER	Accumulation of coal & oil	Wash down	CPH
3/29	3 <sup>RD</sup> NORTH	#29 TRANSFORMER	Missing ground strap on Nip	Repair	CPH
3/29	3 <sup>RD</sup> NORTH	FEEDER BREAKER 12191	Accumulation of coal & oil	Washdown	CPH
3/29	3 <sup>RD</sup> NORTH	MICROWAVE 5	Condition is good	OK	CPH
3/29	3 <sup>RD</sup> NORTH	44 shuttle car	Accumulation of coal & oil	Washdown	CPH
3/29	3 <sup>RD</sup> NORTH	#45 shuttle car	Accumulation	Washdown	CPH
3/29	3 <sup>RD</sup> NORTH	TRICKLE DUSTER <del>8008</del> 6398	Missing plastic seal on fire extin	Repair	CPH
3/29	3 <sup>RD</sup> NORTH	488 SECTION SCOOP #	Lube packings Glare on light	Tighten up	CPH
3/29	3 <sup>RD</sup> NORTH	& CHARGER #11	Condition is good	Checked fire protection, cable, Nip, enclosure,	CPH
	3 <sup>RD</sup> NORTH				
3/29	3 <sup>RD</sup> NORTH	HEAT LAMP #7	Condition is good	OK	CPH
	3 <sup>RD</sup> NORTH				
	3 <sup>RD</sup> NORTH	4590 MINER	METHANE MONITOR CALIBRATED 2.5% GAS monthly		

NOTE'S

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LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

**PERMISSIBILITY**

**March 2007**

**RUSS LARSEN**

**DRAW OFF TUNNEL METHANE MONITOR  
MONTHLY CALIBRATIONS**

3-31-07

**Signature**

2MSHA05327

**PERMISSIBILITY MUST BE SIGNED AND DATED**

DATE	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
3-8-07	METHANE MONITOR			RL

NOTE'S

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PERMISSIBILITY WEEKLY DATE ENDING 3-31-07

26 March 2007

RUSS LARSON  
CRANDALL MINE CONSPEC SYSTEM  
SOUTH CRANDALL MINE CONSPEC SYSTEM

SIGNED  DATE 3-31-07

2MSHA05329

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3-31-07	CRANDALL MINE	CONSPEX SYSTEM	OK		RL
3-31-07	SO. CRANDALL MINE	CONSPEX SYSTEM	OK		RL
<i>Section's alarm function test</i>					
3-30-07	Main West		OK		RL

NOTE'S \_\_\_\_\_  
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LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S
3-31-07	Battery Charger & Drill	OK		RL

PERMISSIBILITY WEEKLY DATE ENDING 3-31-07

26 March 2007

RUSS LARSON

ALL CAP LAMP'S AND CHARGER'S

SIGNATURE  DATE 3-31-07

2MSHA05332

## INSPECTION OF PERMISSIBLE ELECTRICAL EQUIPMENT

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
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COMMENTS:

2MSHA05333

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2007

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	EQUIPMENT CHARGERS ABOVE SHOP	CONDITION	ACTION TAKEN	INITIAL'S
31	# 1 CAP LAMP & CHARGER	OK		RL
/	# 2 CAP LAMP & CHARGER			
31	# 3 CAP LAMP & CHARGER			
31	# 4 CAP LAMP & CHARGER	OK		
	<del># 5 CAP LAMP &amp; CHARGER</del>	<del>OK</del>		
31	# 6 CAP LAMP & CHARGER	OK		
31	# 7 CAP LAMP & CHARGER	OK		
	<del># 8 CAP LAMP &amp; CHARGER</del>	<del>OK</del>		
31	# 9 CAP LAMP & CHARGER	OK		
/	# 10 CAP LAMP & CHARGER			
/	# 11 CAP LAMP & CHARGER			
31	# 12 CAP LAMP & CHARGER			
31	# 13 CAP LAMP & CHARGER			
/	# 14 CAP LAMP & CHARGER			
/	# 15 CAP LAMP & CHARGER			
/	# 16 CAP LAMP & CHARGER			
/	# 17 CAP LAMP & CHARGER			
/	# 18 CAP LAMP & CHARGER			
/	# 19 CAP LAMP & CHARGER			
/	# 20 CAP LAMP & CHARGER			
31	# 21 CAP LAMP & CHARGER	OK		
	<del># 22 CAP LAMP &amp; CHARGER</del>	<del>OK</del>		
31	# 23 CAP LAMP & CHARGER	OK		
/	# 24 CAP LAMP & CHARGER			
31	# 25 CAP LAMP & CHARGER	OK		
	<del># 26 CAP LAMP &amp; CHARGER</del>	<del>OK</del>		
31	# 27 CAP LAMP & CHARGER	OK		
/	# 28 CAP LAMP & CHARGER			
/	# 29 CAP LAMP & CHARGER			
31	# 30 CAP LAMP & CHARGER	OK		RL

MPAA  
2007

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
31	# 31 CAP LAMP & CHARGER	OK		RL
/	# 32 CAP LAMP & CHARGER	/		/
/	# 33 CAP LAMP & CHARGER	/		/
/	# 34 CAP LAMP & CHARGER	/		/
37	# 35 CAP LAMP & CHARGER	OK		/
/	<del># 36 CAP LAMP &amp; CHARGER</del>	<del>OK</del>		/
31	# 37 CAP LAMP & CHARGER	OK		/
/	# 38 CAP LAMP & CHARGER	/		/
31	# 39 CAP LAMP & CHARGER	/		/
31	# 40 CAP LAMP & CHARGER	/		/
/	# 41 CAP LAMP & CHARGER	/		/
/	# 42 CAP LAMP & CHARGER	/		/
/	# 43 CAP LAMP & CHARGER	/		/
/	# 44 CAP LAMP & CHARGER	/		/
/	# 45 CAP LAMP & CHARGER	/		/
/	# 46 CAP LAMP & CHARGER	/		/
/	# 47 CAP LAMP & CHARGER	/		/
/	# 48 CAP LAMP & CHARGER	/		/
31	# 49 CAP LAMP & CHARGER	OK		/
/	<del># 50 CAP LAMP &amp; CHARGER</del>	<del>OK</del>		/
31	# 51 CAP LAMP & CHARGER	G		/
31	# 52 CAP LAMP & CHARGER	G		/
/	<del># 53 CAP LAMP &amp; CHARGER</del>	<del>OK</del>		/
31	# 54 CAP LAMP & CHARGER	G		/
/	# 55 CAP LAMP & CHARGER	G		/
31	# 56 CAP LAMP & CHARGER	OK		RL

NOTE'S

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MAA  
2007

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
31	# 57 CAP LAMP & CHARGER	OK		P.L
31	# 58 CAP LAMP & CHARGER	OK		P.L
	<del># 59 CAP LAMP &amp; CHARGER</del>			
31	# 60 CAP LAMP & CHARGER	OK		
31	# 61 CAP LAMP & CHARGER			
/	# 62 CAP LAMP & CHARGER			
/	# 63 CAP LAMP & CHARGER			
31	# 64 CAP LAMP & CHARGER			
31	# 65 CAP LAMP & CHARGER			
31	# 66 CAP LAMP & CHARGER			
/	# 67 CAP LAMP & CHARGER			
/	# 68 CAP LAMP & CHARGER			
/	# 69 CAP LAMP & CHARGER			
/	# 70 CAP LAMP & CHARGER			
/	# 71 CAP LAMP & CHARGER			
31	# 72 CAP LAMP & CHARGER			
31	# 73 CAP LAMP & CHARGER			
/	# 74 CAP LAMP & CHARGER			
/	# 75 CAP LAMP & CHARGER			
/	# 76 CAP LAMP & CHARGER			
/	# 77 CAP LAMP & CHARGER			
/	# 78 CAP LAMP & CHARGER			
/	# 79 CAP LAMP & CHARGER			
31	# 80 CAP LAMP & CHARGER			
31	# 81 CAP LAMP & CHARGER			
31	# 82 CAP LAMP & CHARGER	OK		P.L

NOTE'S \_\_\_\_\_  
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2007

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
31	# 83 CAP LAMP & CHARGER	OK		RC
/	# 84 CAP LAMP & CHARGER			
	# 85 CAP LAMP & CHARGER			
	# 86 CAP LAMP & CHARGER			
	# 87 CAP LAMP & CHARGER			
	# 88 CAP LAMP & CHARGER			
	# 89 CAP LAMP & CHARGER			
	31		# 90 CAP LAMP & CHARGER	
31	# 91 CAP LAMP & CHARGER			
31	# 92 CAP LAMP & CHARGER	OK		
	# 93 CAP LAMP & CHARGER	OKS		
31	# 94 CAP LAMP & CHARGER	OK		
/	# 95 CAP LAMP & CHARGER			
	# 96 CAP LAMP & CHARGER			
	# 97 CAP LAMP & CHARGER			
	# 98 CAP LAMP & CHARGER			
	# 99 CAP LAMP & CHARGER			
	# 100 CAP LAMP & CHARGER			
	# 101 CAP LAMP & CHARGER			
	# 102 CAP LAMP & CHARGER			
	# 103 CAP LAMP & CHARGER			
	# 104 CAP LAMP & CHARGER			
	# 105 CAP LAMP & CHARGER			
	# 106 CAP LAMP & CHARGER			
	# 107 CAP LAMP & CHARGER			
31	# 108 CAP LAMP & CHARGER	OK		RC

NOTE'S \_\_\_\_\_  
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PERMISSIBILITY WEEKLY DATE ENDING 3-31-07

MAIN WEST SECTION  
JASON FURRH  
#13269 FEEDER BREAKER  
12-6SC 12-8 SC 12-9 S/C 12-11 S/C  
#5,6 MRS'S

**Signature**

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DATE

3-31-07

3-28-07

2MSHA05339

PERMISSABILITY MUST BE SIGNED AND DATED

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COMMENTS:

2MSHA05340

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DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
3/30	MAIN WEST	FEEDER BREAKER 13269	ACCUMULATION / CONCRETE START RUSTY SMASHED IN TWO	WASHED REPAIRED CABLE TO START SWITCH	J
3/30	MAIN WEST	12-6 SC	OOS	TAGGED OOS	J
3/28	MAIN WEST	12-8 SC	OOS Gap in In-SP - for cover Central Box	TOOK COVER OFF and clean, Gap is good	GF
3/28	MAIN WEST	12-11 SC	conduit out of gland, missing ID tag	Repair	GF
3/30	MAIN WEST	12-9 S/C	OOS DBT	OOS	J
3/30	MAIN WEST	#5 MRS	OOS	TAGGED OOS	J
3/30	MAIN WEST	#6 MRS	OOS	TAGGED OOS	J
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
		JASON FURR			

NOTE'S \_\_\_\_\_

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LIST ALL ELECTRICAL HAND TOOL'S

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PERMISSIBILITY WEEKLY DATE ENDING 3-31-07

26 March 2007

LARRY POWELL JESS GILBERT RYAN MANN ISRAEL PETERSEN

WEEKLY EXAM'S HAVE  
POWER CENTER'S,  
SWITCH GEAR'S  
DISTRIBUTION BOXES  
CAPACITOR BANK

SI **Signature**

DATE

3-31-07

2MSHA05342

## INSPECTION OF PERMISSIBLE ELECTRICAL EQUIPMENT

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2MSHA05343

PERMISSIBILITY MUST BE SIGNED AND DATED

CRANDALL MINE

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
8/30	SURFACE	# 1 TRANS 600 KVA	Missing Guard Strap	Replaced	JR
3/30	XC 6 MAIN NO.	# 2 TRANS 600 KVA 950/480	OK at inspection		JR
3/30	XC 1 3 <sup>RD</sup> NORTH	# 3 TRANS 225 KVA 480V	Dirty window to Blades	Cleaned	JR
3/30	XC 4 MAIN WEST	# 4 TRANS 750 KVA 950/480	OK at inspection		JR
3/30	XC 40 MAIN WEST	# 5 TRANS 750 KVA 950/480	Dirty	Cleaned	JR
3/30	XC 69 MAIN WEST	# 19 TRANS 1250 KVA 950/480	Open covers	Closed & secured	JR
3/30	XC 29 MAIN WEST	# 8 TRANS 500 KVA 480	OK at inspection		JR
3/30	XC 44 MAIN WEST	# 9 TRANS 750 KVA 480	Missing cover over Recepticle	Replaced	JR
3/30	XC 3 SHORT BELT MW	# 27 TRANS 600 KVA 480	OOS		JR
3/30	X/C 14 3 <sup>RD</sup> NORTH	# 16 TRANS 1750 KVA 950/480	OOS	checked	JR
3/30	XC 102 #5 BELT	1000 KVA #17	Combust. Obs on top	Cleaned	JR

NOTE'S

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2MSHA05344

PERMISSIBILITY MUST BE SIGNED AND DATED  
SOUTH CRANDALL MINE

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
3/31	SO CRANDALL XC#1	#13 BELT DRIVE TRANS #1BELT	OK at time of Inspection		R
3/31	XC 19 1EAST SOUTH CRANDALL	300 KVA #10	Dirty Window	cleaned	R
3/31	SO. CRANDALL BOTTOM OF SLOPE	JOY TRANSFORMER #28	Extr. Missing Keeper on Pin	Replaced	R
3/31	SO. CRANDALL XC 6 MAINS	#11 BELT TRANSFORMER #3BELT	OK at time of Inspection		R
3/31	SO CRANDALL XC 12	2 EAST BELT DRIVE 750 KVA #1TR	OK at time of Inspection		R
3/31	SO CRANDALL 1 <sup>ST</sup> EAST XC 5	#26 <sup>1<sup>ST</sup></sup> E BELT TRANSFORMER	Missing Pin in exiting v. 3her	Replaced	R
3/31	3 <sup>RD</sup> EAST	7200 BELT DRIVE TRANS 750 KVA	16-31 Rebuilt blades on trans	Removed	R
3/30	MAIN WEST XC 3 ON SHORT BELT	#27 TRANS. 6 & 7 BELT DRIVE	OK		R
3/30	3 <sup>RD</sup> NORTH XC 4	#14 TRANS # 2 BILT DRIVR	Missing Bolt on cover	Replaced	R
3/30	SOUTH MAINS X/C 1	#23 TRANS 7200 VOLTS	Dirty Window to Blades	Cleaned	R

NOTE'S \_\_\_\_\_  
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PERMISSIBILITY MUST BE SIGNED AND DATED  
SWITCH GEAR

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
3/30	XC 4 MAIN WEST	# 2 SWITCH GEAR 7200 VOLT	OK at inspection		JR
3/30	XC 40 MAIN WEST	# 3 SWITCH GEAR 7200 VOLT	OK at inspection		JR
3/30	XC 88 MAIN WEST	# 4 SWITCH GEAR 7200 VOLT	Dirty Fire extinguisher	Wiped Clean	JR
3/30	XC 24 MAIN WEST	# 7 SWITCH GEAR 7200 VOLT	OK at inspection		JR
3/30	XC 69 MAIN WEST	# 8 SWITCH GEAR 7200 VOLT	OK at inspection		JR
3/30	XC 40 MAIN WEST	CAPACITOR BANK #1	OK at inspection		JR
3/31	XC 6 SOUTH MAIN SOUTH CRANDALL	DUEL 7200V SWITCH GEAR #11 #3DRIVE	Missing Fire extinguisher	Replaced	JR
3/31	XC 21 SOUTH CRANDALL	#5 DAUL SWICTH 7200	OK at inspection		JR
3/31	XC 12 SOUTH CRANDALL	#1 SWITCH GEAR 7200 VOLT	OK at time of inspection		JR

NOTE'S \_\_\_\_\_

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2MSHA05346

PERMISSIBILITY MUST BE SIGNED AND DATED

DISTRIBUTION BOXES

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
7/30	XC 8 MAIN NORTH	#DIST BOX #11	OK at inspection		R
7/30	XC 40 MAIN WEST	# 8 DIST. BOX	Accumulations	Cleaned	R
7/30	XC50 MAIN WEST	#5 DIST. BOX	OK at inspection		R
7/30	XC26 MAIN WEST	#10 DIST. BOX	OK at inspection		R
8/30	SO CRANDALL BOAR HOLE	#6 DIST- BOX	OK at inspection		R
8/30	3 <sup>RD</sup> NORTH X/C 4	#16 D- BOX	OK at inspection		R
3/30	MW X/C 58 72	#12 D- BOX	Missing 2 bags, Rox E Dist	Replaced	R

NOTE'S

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3-31

**PERMISSIBILITY**

**March 2007**

**HUGH ARRIOTTI BLAIN FILLMORE**

**TELEPORTER  
ROCK DUST SILO  
ISUZU, & DIESEL SHOP  
SHOP OFFICE  
CIRCUIT BREAKER TEST'S ON DIST. BOX IN SHOP**

SIGN

**Signature**

DATE

3-30

**PERMISSIBILITY MUST BE SIGNED AND DATED**

DATE	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
				<i>BF</i>
<i>3-30</i>	ROCK DUST SILO	<i>OK</i>		
<i>3-30</i>	ISUZU SHOP	<i>Need cleaned</i>	<i>tagged</i>	
<i>3-30</i>	SURFACE SHOP	<i>OK</i>		
<i>3-30</i>	SHOP OFFICE	<i>OK</i>		
<i>3-30</i>	DIST. BOX CIRCUIT BREAKERS	<i>OK</i>		

NOTE'S \_\_\_\_\_

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LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

3-31

**PERMISSIBILITY**  
**March 2007**

**BLAIN FILLMORE HUGH ARRIOTTI**

STACKER BELT CONTROL ROOM  
# 1, 2, 3, & 4 FAN'S & CONTROLLERS  
UNDERGROUND PARKING LIGHTS  
AIR COMPRESSOR, BATHHOUSE PUMP ROOM  
OLD SMOKING ROOM

SIGNE

**Signature**

DATE

3-30-07

2MSHA05350

**PERMISSIBILITY MUST BE SIGNED AND DATED**

**MONTHLY PERMISSIBILITY**

DATE	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
3-30	# 1,2,3&4 FAN CONTROLLER			BF
3-30	OLD SMOKING ROOM	Need cleaned up	Reported tagged	
3-30	110volt #10 air compressor			
3-30	PARKING AREA LIGHTS	OK		
3-30	SHOWER PUMP ROOM	OK		
3-30	STACKER BELT CONTROL ROOM	OK		
3-30	# 1 MINE FAN	OK		
3-30	# 2 MINE FAN	OK		
3-30	# 3 MINE FAN	OK		
3-30	# 4 MINE FAN	OK		

Old smoke room was cleaned 3-31-07

PERMISSIBILITY WEEKLY DATE ENDING 3-31

24 March 2007

NICK MILLS

# 5 & 7 848 BATTERY CAR'S  
BELT PORTAL DUSTER  
BELT PORTAL MAGNET'S & CONTROLLER'S  
MAIN LINE TRICKLE DUSTER'S  
, DIESEL GENERATOR BATTERY BOSTER #1  
SOUTH CRANDALL PUMPS  
ALL CRANDALL MINE BELTS & TAKE- UPS  
BELT BRAKES

Signature

SIGNED

DATE

3-30-07

2MSHA05352

## INSPECTION OF NON-PERMISSIBLE ELECTRICAL EQUIPMENT

FIRE PROTECTION, FIRE EXTINGUISHER FOR DEFECTS 250 LBS. ROCK DUST IF NEEDED, FIRE EXTINGUISHER INSPECTION TAG AND DATED, SELF ACTUATING FIRE SUPPRESSIONS ARE OPERATIVE AND WIRED CORRECTLY TO REMOVE POWER FROM EQUIPMENT OR ENGINE SHUT DOWN, NOZZLES ARE PROTECTED AND PROPER LOCATION, HOSE ARE SECURED AND PROTECTED FROM DAMAGE, GAS BOTTLES OR AIR TANKS ARE NOT EXPENDED OUT.

CABLES AND CONDUITS IN GOOD CONDITION, CABLE ENTRANCE GLANDS PROPERLY INSTALLED, ADDITIONAL INSULATION PROVIDED ON ENTRANCE GLAND IF NEEDED, CABLES ARE ENTERED CORRECTLY, MONITOR AND GROUND CONNECTION ARE SEPARATED, BUSHED WERE PASS THROUGH MEDAL WALLS

EQUIPMENT GUARDS ARE IN PLACE AND SECURED, OPENINGS IN ELECTRICAL CONTROLLERS PLUGGED OR COVERED, DOORS TO ELECTRICAL CIRCUITS ARE SECURED SHUT, VISUAL WINDOWS IN GOOD CONDITION, ELECTRICAL CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EMERGENCY STOP SWITCHES WORK CORRECTLY, START AND STOP SWITCHES WORK PROPERLY, CHECK EQUIPMENT FOR PROPER OPERATION,

DISCONNECTS ARE IDENTIFIED CORRECTLY, ELECTRICAL PLUG AND RECEPTACLE IDENTIFIED CORRECTLY, RECEPTACLES AND PLUGS IN GOOD CONDITION, CIRCUITS ARE IDENTIFIED, PROVISIONS FOR LOCK OUT OF PLUG AND MACHINE, STRAIN CLAMPS INSTALLED AND WITH ADDITIONAL INSULATION, DUST COVERS FOR RECEPTACLES IN PLACE, GROUND STRAPS ARE HOOKED UP,

POWER CABLE IS HUNG ON INSULATORS, GUARDED WHERE IT CROSSES COMMUNICATION LINES AND HIGH VOLTAGE CABLE, IN GOOD CONDITION

CORRECT PROTECTION PROVIDED, OVERLOAD, SHORT CIRCUIT, GROUND FAULT, UNDER VOLTAGE,

CORRECT INSTANTANEOUS BREAKER SETTING (7 TIMES FLA=LOW 13 TIMES FLA=HIGH)  
THIS IS FOR POWER CABLES ONLY, 1.25 TIMES FLA= AMPACITES SIZE FOR CABLE

EQUIPMENT FREE OF ACCUMULATIONS, 24" CLEARANCE AROUND ALL SIDES, NO ROOF AND RIB HAZARDS, AREA WELL ROCK DUSTED

## INSPECTION OF PERMISSIBLE ELECTRICAL EQUIPMENT

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
CABLE REELS SHEAVES TURN FREELY, SHARPE EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY
CONTROLLERS, MOTORS, EXPLOSION PROOF COMPARTMENTS, FOR EXCESSIVE OPENINGS OF FLAME PATH, DIAMETRICAL CLEARANCE OF SHAFTS, MISSING BOLTS, LOCK WASHERS, FLAT WASHERS, GENERAL CONDITION OF COMPARTMENT
CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED
INTERMACHINE CABLES HAVE NO SPLICES, CONDUITS ARE IN GOOD CONDITION, MARKED FLAME RESISTANCE, PROPERLY CLAMPED ON GLAND, SEPARATE FROM HYD. HOSES, AND PROTECTED FROM DAMAGE
CHECK LIGHTS FOR OPERATION, LIGHTS SECURED DOWN, LIGHT LENS NOT DEFECTIVE, LENS SECURED BY LOCK DEVICE LIGHTS IN GOOD CONDITION
CHECK FOR PROPER OPERATION OF CIRCUIT BREAKERS, OVERLOAD PROTECTION, PROPER OPERATION OF ELECTRICAL CIRCUITS, EMERGENCY STOP CONTROLS, SWITCH OPERATIONS
CHECK FOR PROPER 2G APPROVAL PLATE, X/P TAGS ON EXPLOSION PROOF ENCLOSURES, CAB CERTIFICATION TAG
CHECK FOR PROPER OPERATION OF PARKING BRAKES, SERVICE BRAKE OPERATION
CHECK FOR OIL, COAL, GREASE ACCUMULATIONS ON MACHINE, PROPER GUARDING OF ROTATING PARTS TO PREVENT PERSONAL INJURY
CHECK BATTERY COVERS ARE SECURED, BATTERIES COVERS ARE INSULATED, RECEPTICALS ARE IN GOOD CONDITION, LOCKING DEVICE IS INSTALLED TO PREVENT NIP FROM LOSING, CELL WATER LEVELS ARE CORRECT, CELL CAPS IN PLACE
CHECK FIRE SUPPRESSION FOR PROPER SPRAYS, SPRAY LOCATION, SPRAYS HAVE PROTECTIVE CAPS, (BATTERY BACKUP IS OPERATIONAL) ACTUATION BUTTON NOT SEIZED, CO2 BOTTLES NOT EXPENDED OUT, BOTTLES NOT DAMAGE, GENERAL CONDITION OF SYSTEM, FIRE EXTINGUISHER IN GOOD CONDITION, INSPECTION TAG ATTACHED AND EXTINGUISHER IS MOUNTED SECURELY.

COMMENTS:

2MSHA05354

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
	GENERAL				
3-30-07	GENERAL MINE X-59 MW	# 5 848 BATTERY SHUTTLE CAR	O.O.S	check tags OK	NM
3-30-07	GENERAL MINE XC1 MW	# 7 848 BATTERY SHUTTLE CAR	O.O.S	check tags OK	NM
3-30-07	GENERAL MINE	# 5 BOLTER SINGLE BOOM	O.O.S	check tags	NM
3-30-07	GEN MINE	213 LEENORES ROOF BOLTER	OOS	check tags	NM
3-30-07	GEN MINE	#6 BATTERY SC	OOS	check tags	NM
3-30-07	GEN. MINE	GARY'S OFFICE	BATTERY BOSTER#1 all OK	inspect All OK	NM

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
3-30-07	BELT PORTAL	TRICKLE DUSTER#ST4471	all ok at time of insp	Tested, checked all dusted off	NM
3-30-07	BELT PORTAL	CONTROL BOXES, E.T.C.	dirty	cleared	NM
3-30-07	BELT PORTAL	MAGNET # 1 HEAD ROLLER	all ok at time of insp	checked all	NM
3-30-07	GEN. MINE	DIESEL GENERATOR	Missing panel	searched property	NM

NOTE'S \_\_\_\_\_  
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DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
3-30-07	2 <sup>nd</sup> EAST BELT HEAD ROLLER	10HP PUMP SC #P24	Pump gone	checked area	NM
3-30-07	3 <sup>rd</sup> EAST XC X-cut 23	5 HP PUMP #P7	all OK at time of insp	checked all OK	NM
3-30-07	2 <sup>nd</sup> EAST BELT	5 HP PUMP #P25	OK	checked all OK	NM
3-30-07	3 <sup>rd</sup> EAST XC 23	5 HP PUMP #P23	all OK at time of insp	checked all OK	NM
3-30-07	3 <sup>rd</sup> EAST XC 19	#13 2CIRCUIT D-BOX	check bad ground monitor	check tag/report	NM
3-30-07	1 <sup>ST</sup> EAST	BREKLY #3 AND CONTROLLER SOUTH CRANDALE	all OK at time of insp	checked all OK	NM

NOTE'S P7 is at X-cut 23 Not X-3

LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

**PERMISSIBILITY MUST BE SIGNED AND DATED**

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
3-30-07	#1 BELT PORTAL	6.4PUMP SC #P1	OOS	Check Tags & Locks	NM
3-30-07	#1 BELT OVERCAST	10HP PUMP SC #P2	all ok at time of insp	Checked All	NM
3-30-07	XC 22 main so	5 HP PUMP #15 SO.CRANDALL	OOS	check tags	NM
3-30-07	SO. CRANDALL ROCK ROOMS	6.4 KW STANCOR PUMP SC #P12	all ok at time of inspection	checked All Pump Running	NM
3-30-07	SO. CRANDALL	LEE NORIS ROOF BOLTER	OOS	check Tags	NM
3-30-07	SC INTAKE BOTTOM OF SLOPE	5HP SC #P4	OK	Pump Running checked all	NM
3-30-07	X/C 18 1 <sup>ST</sup> EAST	5 HP SC#P8	OOS all ok at time of insp	checked all OK	NM
3-30-07	X/C 14 1 <sup>ST</sup> RETURN	5HP #P9	all ok at time of insp	checked all OK	NM
3-30-07	SOUTH MAIN XC 1	54KW SC #P10	OOS pump gone	check for Mfg pump tags	NM
3-30-07	XC 2 #4 BELT	5HP #P11	OOS	check Tags	NM
3-30-07	BORE HOLE	5HP SC #P5-13	OOS	check Tags	NM
3-30-07	XC 24 SO. CRANDLL SO. MAIN	10HP SC #P14	OOS	check tags	NM
3-30-07	3RD EAST BELT DRIVE	6.4 KW STANCOR PUMP SC #P21	OOS	check tags	NM

NOTE'S \_\_\_\_\_  
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**PERMISSIBILITY MUST BE SIGNED AND DATED**

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**PERMISSIBILITY MUST BE SIGNED AND DATED**

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
3-30-07	#1 BELT DRIVE	1.6 HP PUMP#P2 FLYGHT	all OK at time of insp	checked all OK	NM
3-30-07	#1 BELT TAIL	10HP PUMP #P3 FYGHT	slit ripped-duster in its place	put kits back where they go	NM
3-30-07	XC 6 M.W. BELT LINE	6.4 KW PUMP #P4 STANCOR	all OK at time of insp	checked all OK	NM
3-30-07	1 <sup>ST</sup> SOUTH XC #6	5 HP PUMP #P5 FLYGHT	all OK at time of inspection	checked all OK	NM
3-30-07	XC 38 M.W. BELT	5 HP PUMP #P8 FYGHT	all OK at time other than pump running dry	checked all shut pump off	NM
3-30-07	XC 39 M.W. BELT	3.5 KW PUMP #P9 FYGHT	all OK upon insp other than running dry	checked all shut pump off	NM
3-30-07	XC 45 M.W.	#1 150 HP PUMP & #1 CONTROLLER	all OK at time of insp	checked all OK	NM
3-30-07	XC 45 M.W.	#2 150 HP PUMP	all OK at time of insp	checked all OK	NM
3-30-07	XC 47 M.W. BELT	6.4 KW PUMP #P10 STANCOR	all OK at time of inspection	checked all OK	NM
3-30-07	XC 46 M.W.	13 HP PUMP #P11 FYGHT	all good at time of insp	checked all	NM
3-30-07	XC 46 M.W.	#P1 200 HP HIGH PRESSURE PUMP	Pump Gone	O.O.S	NM
3-30-07	3 <sup>RD</sup> NO #1 BELT TAIL	6.4 STANCOR #P23	all OK upon insp	checked all OK	NM
3-30-07	3 <sup>RD</sup> NO. HEAD ROLLER	5 HP PUMP #P7 FYGHT	OOS	checked tag OK	NM
3-30-07	XC 46 MAIN WEST INTAKE	5 HP PUMP P19	OOS	checked tags	NM
3-30-07	XC 40 MAIN WEST	5 HP PUMP #P6 FYGHT	all OK at time of inspection	checked all OK	NM
3-30-07	XC 46 M.W.	150 HP PUMP Osna	all OK at time of insp	checked all	NM
3-30-07	XC 72 MW	2CERCUIT D BOX #12	all OK upon inspection	checked all	NM
3-30-07	XC 73 MW	5HP PUMP	all OK upon inspection	checked all OK	NM

NOTE'S P#6 is at X-48 MW not X-40  
~~200hp high pressure pump~~ 200hp High pressure pump is gone and no longer in service



DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
3-30-07	SO. CRANDALL XC 1	#1 BELT DRIVE AND LIGHTS	OOS	checked Tags & Locks	NM
3-30-07	SO. CRANDALL	3 <sup>RD</sup> EAST BELT AND TAKE UP SUP 500	OOS	check Tags & Locks	NM
3-30-07	SO. CRANDALL	#2 BELT DRIVE & LIGHTS	OOS	checked Tags & Locks	NM
3-30-07	SO. CRANDALL	#3 BELT DRIVE, LIGHTS & BRAKE CONTROLLER & TAKE-UP	OOS	check Tags & Locks	NM
3-30-07	SO. CRANDALL	#1 BELT SCALES	OOS	checked Tags	NM
3-30-07	SO. CRANDALL	#4 BATTERY COAL HAULER	OOS	Replaced Tag	NM
3-30-07	SO. CRANDALL	2 EAST BELT & CONTROLLER	OOS	check Tags & Locks	NM
3-30-07	SO CRANDALE	SUPER 500 & CONTROLLER 2 EAST	OOS	check Tags & Locks	NM
3-30-07	CRANDALE	#1 LEE NORSE	OOS	check tags OK	NM
	SO. CRANDALL				
	SO. CRANDALL				
	SO. CRANDALL				
	SO. CRANDALL				

NOTES:

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2MSHA05361

**PERMISSIBILITY MUST BE SIGNED AND DATED**

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
3-30-07	XC 3 MAIN NORTH	#1 DRIVE & TAKE-UP	all ok at time of insp	Tested Fire deluge checked all	NM
3-30-07	XC 5 MAIN WEST	#2 DRIVE & TAKE-UP	Missing caps on Deluge Heat Koller	Tested & check Fire deluge	NM
3-30-07	XC 39 MAIN WEST	#3 DRIVE & TAKE-UP	missing Deluge caps Dirty	Replaced missing caps, washed	NM
3-30-07	XC 69 MAIN WEST	#4 DRIVE & TAKE-UP	all ok at time of insp	insp all ok	NM
3-30-07	XC 70 MAIN WEST	#4 BELT BRAKE	all ok at time of insp	insp all	NM
3-30-07	XC 1 SO.MAINS	SO.MAINS #1 BELT DRIVE & TAKE-UP	OOS Tagged	check Tags OK	NM
3-30-07	XC 33 MAIN WEST	3 <sup>RD</sup> #1 NORTH BELT DRIVE.	Fire deluge box had bad heat sense plug & loose connections	Rpl heat sense plug Rpl Battery OK	NM
3-30-07	XC 103 MAIN WEST	#5 DRIVE & TAKE-UP	Drive motor Fan should needs rebolted	Reported - checked all	NM
3-30-07	MAIN WEST SHORT BELT	# 6 BELT DRIVE	OOS	check Tags OK	NM
3-30-07	MAIN WEST SECTION BELT	# 7 BELT DRIVE TAKE-UP	OOS	check Tags OK	NM
3-30-07	XC 63 <sup>RD</sup> NORTH	3 <sup>RD</sup> NORTH #2 BELT DRIVE	all ok at time of inspection	check all ok	NM

NOTES: \_\_\_\_\_  
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PERMISSIBILITY weekly date ending 3-31

26 March 2007

HUGH ARRIOTTI BLAIN FILLMORE

ISUZU TRUCK'S

SIGNED **Signature** DATE 3-30-03

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**INSPECTION OF NON-PERMISSIBLE DIESEL EQUIPMENT  
(HEAVY AND LIGHT DUTY)**

FIRE PROTECTION, FIRE EXTINGUISHER FREE OF DEFECTS, INSPECTION TAG ON AND DATED, FIRE SUPPRESSION SYSTEM IS IN GOOD CONDITION AND OPERATIONAL, CAPS ARE ON NOZZLES, NOZZLES LOCATION IS CORRECT, ALL COMPONENTS ARE MOUNTED SECURELY,

SAFETY SHUT DOWN SYSTEMS ARE OPERATIONAL, FUEL SHUT OFF VALVES IN GOOD CONDITION AND LOCATION IS CORRECT,

EQUIPMENT IS FREE OF OIL, COAL, FUEL ACCUMULATIONS, STARTER FLUID IS IN PROPER CONTAINER,

FUEL SYSTEM, CHECK FOR FUEL LEAKS, SELF CLOSING FUEL CAP IS WORKING PROPERLY, HIGH PRESSURE FUEL LINES GUARDED OR COVERED PROPERLY, FUEL LINES PROTECTED FROM DAMAGE, FUEL TANK GUARD IN PLACE

ELECTRICAL SYSTEM, CHECK FOR PROPER FUSE SIZE, CORRECT TYPE OF FUSE, BATTERY COVERS IN PLACE, WIRING OF PROPER SIZE, MAIN DISCONNECT WORKING PROPERLY, WIRING BUSHED THROUGH METAL WALLS, WIRING SECURED DOWN, CHECK AUDIBLE WARNING DEVICE WORKING CORRECTLY, CHECK NEUTRAL START SWITCH, ALL BARE ELECTRICAL TERMINALS ARE INSULATED, ALL REQUIRED LIGHTS ARE WORKING, CHECK THAT FUEL LINES ARE SEPARATED FROM ELECTRICAL WIRING

CHECK FOR CORRECT MSHA APPROVAL TAG ON ENGINE, ALL GLASS IN GOOD CONDITION, OPERATIONAL CONTROLS WORKING PROPERLY, SPARK ARRESTER INTACT, MACHINE PARKING BRAKE AND SERVICE BRAKES WORKING PROPERLY, EMERGENCY STOP PANIC BARS CORRECTLY ENGAGE BRAKING SYSTEM AND STOP MACHINE, WITHIN 5 SECONDS OF ENGINE SHUT DOWN (HEAVY DUTY ONLY)

## INSPECTION OF NON-PERMISSIBLE ELECTRICAL EQUIPMENT

<p>FIRE PROTECTION, FIRE EXTINGUISHER FOR DEFECTS 250 LBS. ROCK DUST IF NEEDED, FIRE EXTINGUISHER INSPECTION TAG AND DATED, SELF ACTUATING FIRE SUPPRESSIONS ARE OPERATIVE AND WIRED CORRECTLY TO REMOVE POWER FROM EQUIPMENT OR ENGINE SHUT DOWN, NOZZLES ARE PROTECTED AND PROPER LOCATION, HOSE ARE SECURED AND PROTECTED FROM DAMAGE, GAS BOTTLES OR AIR TANKS ARE NOT EXPENDED OUT.</p>
<p>CABLES AND CONDUITS IN GOOD CONDITION, CABLE ENTRANCE GLANDS PROPERLY INSTALLED, ADDITIONAL INSULATION PROVIDED ON ENTRANCE GLAND IF NEEDED, CABLES ARE ENTERED CORRECTLY, MONITOR AND GROUND CONNECTION ARE SEPARATED, BUSHED WERE PASS THROUGH METAL WALLS</p>
<p>EQUIPMENT GUARDS ARE IN PLACE AND SECURED, OPENINGS IN ELECTRICAL CONTROLLERS PLUGGED OR COVERED, DOORS TO ELECTRICAL CIRCUITS ARE SECURED SHUT, VISUAL WINDOWS IN GOOD CONDITION, ELECTRICAL CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EMERGENCY STOP SWITCHES WORK CORRECTLY, START AND STOP SWITCHES WORK PROPERLY, CHECK EQUIPMENT FOR PROPER OPERATION,</p>
<p>DISCONNECTS ARE IDENTIFIED CORRECTLY, ELECTRICAL PLUG AND RECEPTACLE IDENTIFIED CORRECTLY, RECEPTACLES AND PLUGS IN GOOD CONDITION, CIRCUITS ARE IDENTIFIED, PROVISIONS FOR LOCK OUT OF PLUG AND MACHINE, STRAIN CLAMPS INSTALLED AND WITH ADDITIONAL INSULATION, DUST COVERS FOR RECEPTACLES IN PLACE, GROUND STRAPS ARE HOOKED UP,</p>
<p>POWER CABLE IS HUNG ON INSULATORS, GUARDED WHERE IT CROSSES COMMUNICATION LINES AND HIGH VOLTAGE CABLE, IN GOOD CONDITION</p>
<p>CORRECT PROTECTION PROVIDED, OVERLOAD, SHORT CIRCUIT, GROUND FAULT, UNDER VOLTAGE,</p>
<p>CORRECT INSTANTANEOUS BREAKER SETTING (7 TIMES FLA=LOW 13 TIMES FLA=HIGH) THIS IS FOR POWER CABLES ONLY, 1.25 TIMES FLA= AMPACITES SIZE FOR CABLE</p>
<p>EQUIPMENT FREE OF ACCUMULATIONS, 24" CLEARANCE AROUND ALL SIDES, NO ROOF AND RIB HAZARDS, AREA WELL ROCK DUSTED</p>

2MSHA05365

DATE	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
3-30	# 27 ISUZU	Broken windshield	tagged out	BF
	# 28 ISUZU			
3-27	# 29 ISUZU	Exhaust	tagged out	
3-28	# 31 ISUZU	or		
	# 32 ISUZU	005		
3-30	# 36 ISUZU	Wire Guarding	Repaired	
	# 46 ISUZU	Not Hered		
3-29	# 47 ISUZU	Air Term Ins.	Repaired	
3-30	# 2 ISUZU	or		
3-30	# 3 ISUZU	Tail Lights	Repaired	
3-28	# 4 ISUZU	or		
3-29	# 9 ISUZU	Park Brake	Repaired	
3-29	# 11 ISUZU	Horn	Repaired	
3-27	# 12 ISUZU	005		
3-30	# 1 ISUZU	or		
3-30	# 44 ISUZU	Head Lights	Repaired	
3-28	# 20 ISUZU	Brakes	Repaired	
3-27	# 21 ISUZU	Wire Guarding	Repaired	
	# 22 ISUZU	005		
3-26	# 23 ISUZU	Brakes	Repaired	

#12 Back up Alarm come on in forward steering loose

PERMISSIBILITY MUST BE SIGNED AND DATED

LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S
3-29	1/2" DRILL	or		BF
3-29	4 1/2" GRINDER	or		
3-29	BATTERY CHARGER	or		

2MSHA05366

PERMISSIBILITY WEEKLY DATE ENDING 3-31

26 March 2007

HUGH ARRIOTTI BLAIN FILLMORE

OUT-BY 2- ENTRY DIESEL EQUIPMENT

, DIESEL BOLTER ALLCO GATOR  
, # 404, JEFFRY DUSTER #10 BUCKEN WHILLEY

SIGNE

**Signature**

DATE

3-30

2MSHA05367

**INSPECTION OF PERMISSIBLE DIESEL  
EQUIPMENT (HEAVY DUTY)**

INTAKE AIR SYSTEM, CHECK FOR DAMAGE OR ALTERED, COPPER GASKET IN GOOD CONDITION, INTAKE FLAME ARRESTER CLEAN, NO EXCESSIVE OPENINGS .018 INCH FILAMENT TYPE, NO HOLE TYPE DO LIGHT TEST

EXHAUST SYSTEM, CHECK ALL BOLTS AND WASHERS IN PLACE AND TIGHT, ALL GASKETS INSTALLED AND JOINTS TIGHT, EXHAUST SYSTEM FASTENERS IN PLACE AND TIGHT, EXHAUST IN GOOD CONDITION, HOLES PLUGGED, NO CRACKS

CHECK SHUT DOWN, INTAKE VACUUM NOT TO EXCEED 25" OF WATER AT FULL THROTTLE, EXHAUST BACK PRESSURE AT FULL THROTTLE NOT TO EXCEED 34" OF WATER, CHECK FOR AIR SYSTEM LEAKS, SCRUBBER SYSTEM SHUT DOWN LOW WATER, HIGH TEMP. SHUT DOWN, HIGH COOLANT SHUT DOWN, EMERGENCY INTAKE AIR SHUT OFF OPERATIONAL, BRAKES OPERATIONAL SET UP WITH IN 5 SEC. OF SHUT DOWN, ALL COVERS AND GUARDS IN PLACE AND SECURED DOWN,

CHECK FIRE SUPPRESSION SPRAYS CAPPED, HOSED PROTECTED FROM DAMAGE, ACTUATOR PRESSURIZED, AUTOMATIC SYSTEM FUNCTIONAL, FIRE SUPPRESSION ENGINE SHUT DOWN OPERATIONAL, FIRE EXTINGUISHER MOUNTED, DATE AND INSPECTION TAG ATTACHED.

CHECK AUDIBLE WARNING DEVICE, MACHINE FREE OF ACCUMULATIONS, CHECK PARK BRAKE SYSTEM IS OPERATIONAL, CHECK MACHINE CONTROLS FOR PROPER OPERATION, ALL LIGHTS WORK IN BOTH DIRECTIONS, PACKING GLANDS INSTALLED CORRECTLY, PACKING NUTS SECURED WITH LOCKING DEVICE, UNUSED GLANDS SPOT WELDED, CABLES AND CONDUITS ARE FLAME RESISTANT, CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EXPLOSION PROOF COMPARTMENTS, NO EXCESS GAPS. IN FLAME PATHS ALL BOLTS ARE TIGHT AND IN GOOD CONDITION, XP AND 2G TAGS ARE ON, ELECTRICAL SYSTEM IN GOOD CONDITION

**INSPECTION OF NON-PERMISSIBLE DIESEL EQUIPMENT  
(HEAVY AND LIGHT DUTY)**

FIRE PROTECTION, FIRE EXTINGUISHER FREE OF DEFECTS, INSPECTION TAG ON AND DATED, FIRE SUPPRESSION SYSTEM IS IN GOOD CONDITION AND OPERATIONAL, CAPS ARE ON NOZZLES, NOZZLES LOCATION IS CORRECT, ALL COMPONENTS ARE MOUNTED SECURELY,

SAFETY SHUT DOWN SYSTEMS ARE OPERATIONAL, FUEL SHUT OFF VALVES IN GOOD CONDITION AND LOCATION IS CORRECT,

EQUIPMENT IS FREE OF OIL, COAL, FUEL ACCUMULATIONS, STARTER FLUID IS IN PROPER CONTAINER,

FUEL SYSTEM, CHECK FOR FUEL LEAKS, SELF CLOSING FUEL CAP IS WORKING PROPERLY, HIGH PRESSURE FUEL LINES GUARDED OR COVERED PROPERLY, FUEL LINES PROTECTED FROM DAMAGE, FUEL TANK GUARD IN PLACE

ELECTRICAL SYSTEM, CHECK FOR PROPER FUSE SIZE, CORRECT TYPE OF FUSE, BATTERY COVERS IN PLACE, WIRING OF PROPER SIZE, MAIN DISCONNECT WORKING PROPERLY, WIRING BUSHED THROUGH METAL WALLS, WIRING SECURED DOWN, CHECK AUDIBLE WARNING DEVICE WORKING CORRECTLY, CHECK NEUTRAL START SWITCH, ALL BARE ELECTRICAL TERMINALS ARE INSULATED, ALL REQUIRED LIGHTS ARE WORKING, CHECK FUEL LINE ARE SEPARATED FROM ELECTRICAL WIRING

CHECK FOR CORRECT MSHA APPROVAL TAG ON ENGINE, ALL GLASS IN GOOD CONDITION, OPERATIONAL CONTROLS WORKING PROPERLY, SPARK ARRESTER INTACT, MACHINE PARKING BRAKE AND SERVICE BRAKES WORKING PROPERLY, EMERGENCY STOP PANIC BARS CORRECTLY IN GAGE BRAKING SYSTEM AND STOP MACHINE, WITHIN 5 SECONDS OF ENGINE SHUT DOWN (HEAVY DUTY ONLY)

## INSPECTION OF NON-PERMISSIBLE ELECTRICAL EQUIPMENT

FIRE PROTECTION, FIRE EXTINGUISHER FOR DEFECTS 250 LBS. ROCK DUST IF NEEDED, FIRE EXTINGUISHER INSPECTION TAG AND DATED, SELF ACTUATING FIRE SUPPRESSIONS ARE OPERATIVE AND WIRED CORRECTLY TO REMOVE POWER FROM EQUIPMENT OR ENGINE SHUT DOWN, NOZZLES ARE PROTECTED AND PROPER LOCATION, HOSE ARE SECURED AND PROTECTED FROM DAMAGE, GAS BOTTLES OR AIR TANKS ARE NOT EXPENDED OUT.

CABLES AND CONDUITS IN GOOD CONDITION, CABLE ENTRANCE GLANDS PROPERLY INSTALLED, ADDITIONAL INSULATION PROVIDED ON ENTRANCE GLAND IF NEEDED, CABLES ARE ENTERED CORRECTLY, MONITOR AND GROUND CONNECTION ARE SEPARATED, BUSHED WERE PASS THROUGH MEDAL WALLS

EQUIPMENT GUARDS ARE IN PLACE AND SECURED, OPENINGS IN ELECTRICAL CONTROLLERS PLUGGED OR COVERED, DOORS TO ELECTRICAL CIRCUITS ARE SECURED SHUT, VISUAL WINDOWS IN GOOD CONDITION, ELECTRICAL CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EMERGENCY STOP SWITCHES WORK CORRECTLY, START AND STOP SWITCHES WORK PROPERLY, CHECK EQUIPMENT FOR PROPER OPERATION,

DISCONNECTS ARE IDENTIFIED CORRECTLY, ELECTRICAL PLUG AND RECEPTACLE IDENTIFIED CORRECTLY, RECEPTACLES AND PLUGS IN GOOD CONDITION, CIRCUITS ARE IDENTIFIED, PROVISIONS FOR LOCK OUT OF PLUG AND MACHINE. STRAIN CLAMPS INSTALLED AND WITH ADDITIONAL INSULATION, DUST COVERS FOR RECEPTACLES IN PLACE, GROUND STRAPS ARE HOOKED UP,

POWER CABLE IS HUNG ON INSULATORS, GUARDED WHERE IT CROSSES COMMUNICATION LINES AND HIGH VOLTAGE CABLE, IN GOOD CONDITION

CORRECT PROTECTION PROVIDED, OVERLOAD, SHORT CIRCUIT, GROUND FAULT, UNDER VOLTAGE,

CORRECT INSTANTANEOUS BREAKER SETTING (7 TIMES FLA=LOW 13 TIMES FLA=HIGH)  
THIS IS FOR POWER CABLES ONLY, 1.25 TIMES FLA= AMPACITES SIZE FOR CABLE

EQUIPMENT FREE OF ACCUMULATIONS, 24" CLEARANCE AROUND ALL SIDES, NO ROOF AND RIB HAZARDS, AREA WELL ROCK DUSTED

2MSHA05370

**PERMISSIBILITY MUST BE SIGNED AND DATED**

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
					<i>BF</i>
	GEN MINE	JEFFREY DUSTER #13	<i>005</i>		
	GEN MINE	STEAM CLEANER	<i>005</i>		
	GEN MINE	DIESEL GATOR #15	<i>005</i>		
<i>3-30</i>	GEN MINE	#10 BUCKIN WILLY	<i>tail lights Backup alarm tags out</i>		

NOTE'S \_\_\_\_\_  
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 \_\_\_\_\_  
 \_\_\_\_\_  
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LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S
	<i>ms</i>	<i>noy</i>		

VEHICLE	CONDITIONS AND COMMENTS			WEEK OF
	SAFE TO OPERATE	EMMISSIONS & FIRE SUPP.	DEFECT OR CONDITION	CORRECTIVE ACTION
#1-975		947		
#4-975		443		
#5-GEHL				
#6-GEHL				
#7-GEHL				
#4-4110				
#1 TERRA PRO				

**WEEKLY H.D. & PERMISSIBLE VEHICLE CHECK**

2MSHA05372

PERMISSIBILITY WEEKLY DATE ENDING 3-31

26 March 2007

BLAIN FILLMORE HUGH ARRIOTTI

# 2 AIR# 1 & # 2 DIESEL WELDERS  
COMPRESSOR,  
BANANA DUSTER, BUCKIN WILLY,  
# 5 SLINGER DUSTER #5 #6 #7 GEHL  
TERRA PRO #1 #4 975

SIGNED **Signature** DATE 3-30

2MSHA05373

**INSPECTION OF NON-PERMISSIBLE DIESEL EQUIPMENT  
(HEAVY AND LIGHT DUTY)**

FIRE PROTECTION, FIRE EXTINGUISHER FREE OF DEFECTS, INSPECTION TAG ON AND DATED, FIRE SUPPRESSION SYSTEM IS IN GOOD CONDITION AND OPERATIONAL, CAPS ARE ON NOZZLES, NOZZLES LOCATION IS CORRECT, ALL COMPONENTS ARE MOUNTED SECURELY,

SAFETY SHUT DOWN SYSTEMS ARE OPERATIONAL, FUEL SHUT OFF VALVES IN GOOD CONDITION AND LOCATION IS CORRECT,

EQUIPMENT IS FREE OF OIL, COAL, FUEL ACCUMULATIONS, STARTER FLUID IS IN PROPER CONTAINER,

FUEL SYSTEM, CHECK FOR FUEL LEAKS, SELF CLOSING FUEL CAP IS WORKING PROPERLY, HIGH PRESSURE FUEL LINES GUARDED OR COVERED PROPERLY, FUEL LINES PROTECTED FROM DAMAGE, FUEL TANK GUARD IN PLACE

ELECTRICAL SYSTEM, CHECK FOR PROPER FUSE SIZE, CORRECT TYPE OF FUSE, BATTERY COVERS IN PLACE, WIRING OF PROPER SIZE, MAIN DISCONNECT WORKING PROPERLY, WIRING BUSHED THROUGH METAL WALLS, WIRING SECURED DOWN, CHECK AUDIBLE WARNING DEVICE WORKING CORRECTLY, CHECK NEUTRAL START SWITCH, ALL BARE ELECTRICAL TERMINALS ARE INSULATED, ALL REQUIRED LIGHTS ARE WORKING, CHECK FUEL LINE ARE SEPARATED FROM ELECTRICAL WIRING

CHECK FOR CORRECT MSHA APPROVAL TAG ON ENGINE, ALL GLASS IN GOOD CONDITION, OPERATIONAL CONTROLS WORKING PROPERLY, SPARK ARRESTER INTACT, MACHINE PARKING BRAKE AND SERVICE BRAKES WORKING PROPERLY, EMERGENCY STOP PANIC BARS CORRECTLY IN GAGE BRAKING SYSTEM AND STOP MACHINE, WITHIN 5 SECONDS OF ENGINE SHUT DOWN (HEAVY DUTY ONLY)

## INSPECTION OF PERMISSIBLE DIESEL EQUIPMENT (HEAVY DUTY)

INTAKE AIR SYSTEM, CHECK FOR DAMAGE OR ALTERED, COPPER GASKET IN GOOD CONDITION, INTAKE FLAME ARRESTER CLEAN, NO EXCESSIVE OPENINGS .018 INCH FILAMENT TYPE, NO HOLE TYPE DO LIGHT TEST

EXHAUST SYSTEM, CHECK ALL BOLTS AND WASHERS IN PLACE AND TIGHT, ALL GASKETS INSTALLED AND JOINTS TIGHT, EXHAUST SYSTEM FASTENERS IN PLACE AND TIGHT, EXHAUST IN GOOD CONDITION, HOLES PLUGGED, NO CRACKS

CHECK SHUT DOWN, INTAKE VACUUM NOT TO EXCEED 25" OF WATER AT FULL THROTTLE, EXHAUST BACK PRESSURE AT FULL THROTTLE NOT TO EXCEED 34" OF WATER, CHECK FOR AIR SYSTEM LEAKS, SCRUBBER SYSTEM SHUT DOWN LOW WATER, HIGH TEMP. SHUT DOWN, HIGH COOLANT SHUT DOWN, EMERGENCY INTAKE AIR SHUT OFF OPERATIONAL, BRAKES OPERATIONAL SET UP WITH IN 5 SEC. OF SHUT DOWN, ALL COVERS AND GUARDS IN PLACE AND SECURED DOWN,

CHECK FIRE SUPPRESSION SPRAYS CAPPED, HOSED PROTECTED FROM DAMAGE, ACTUATOR PRESSURIZED, AUTOMATIC SYSTEM FUNCTIONAL, FIRE SUPPRESSION ENGINE SHUT DOWN OPERATIONAL, FIRE EXTINGUISHER MOUNTED, DATE AND INSPECTION TAG ATTACHED.

CHECK AUDIBLE WARNING DEVICE, MACHINE FREE OF ACCUMULATIONS, CHECK PARK BRAKE SYSTEM IS OPERATIONAL, CHECK MACHINE CONTROLS FOR PROPER OPERATION, ALL LIGHTS WORK IN BOTH DIRECTIONS, PACKING GLANDS INSTALLED CORRECTLY, PACKING NUTS SECURED WITH LOCKING DEVICE, UNUSED GLANDS SPOT WELDED, CABLES AND CONDUITS ARE FLAME RESISTANT, CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EXPLOSION PROOF COMPARTMENTS, NO EXCESS GAPS. IN FLAME PATHS ALL BOLTS ARE TIGHT AND IN GOOD CONDITION, XP AND 2G TAGS ARE ON, ELECTRICAL SYSTEM IN GOOD CONDITION

2MSHA05375

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
3-30	GEN MINE	BANANA DUSTER	Fine Supp	tagged out	BF
	GEN MINE	#2 TERRA PRO	005		
3-28	GEN MINE	# 5 SLINGER DUSTER	Drive Belt Swinging	tagged out	BF
3-30	GEN MINE	# 2 AIR COMPRESSOR	Fine Supp.	✓ tagged out	
3-30	GEN MINE	# 2 WELDING TRAILER	OK		
	GEN MINE	#5 GEHL	005		
	GEN MINE	#6 GEHL	005		
	GEN MINE	#1 TERRA PRO	005		
3-29	GEN MINE	#1 975	Battery Term	Repaired	
3-29	GEN MINE	#4 975	OK		

NOTE'S \_\_\_\_\_

LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	Action TAKEN	INITIAL'S
3-30	4" Drimden	OK		BF
30				

PERMISSIBILITY WEEKLY DATE ENDING 3-31

26 March 2007

JAMSON WARD

MAIN WEST SECTION

, 4978 MINER,  
, # 13-8 FLETCHER BOLTER  
CAIBRATE CH 4 WITH 2.5 GAS

**Signature**

DATE

2-27-07

2MSHA05377

## INSPECTION OF NON-PERMISSIBLE ELECTRICAL EQUIPMENT

<p>FIRE PROTECTION, FIRE EXTINGUISHER FOR DEFECTS 250 LBS. ROCK DUST IF NEEDED, FIRE EXTINGUISHER INSPECTION TAG AND DATED, SELF ACTUATING FIRE SUPPRESSIONS ARE OPERATIVE AND WIRED CORRECTLY TO REMOVE POWER FROM EQUIPMENT OR ENGINE SHUT DOWN, NOZZLES ARE PROTECTED AND PROPER LOCATION, HOSE ARE SECURED AND PROTECTED FROM DAMAGE, GAS BOTTLES OR AIR TANKS ARE NOT EXPENDED OUT.</p>
<p>CABLES AND CONDUITS IN GOOD CONDITION, CABLE ENTRANCE GLANDS PROPERLY INSTALLED, ADDITIONAL INSULATION PROVIDED ON ENTRANCE GLAND IF NEEDED, CABLES ARE ENTERED CORRECTLY, MONITOR AND GROUND CONNECTION ARE SEPARATED, BUSHED WERE PASS THROUGH MEDAL WALLS</p>
<p>EQUIPMENT GUARDS ARE IN PLACE AND SECURED, OPENINGS IN ELECTRICAL CONTROLLERS PLUGGED OR COVERED, DOORS TO ELECTRICAL CIRCUITS ARE SECURED SHUT, VISUAL WINDOWS IN GOOD CONDITION, ELECTRICAL CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EMERGENCY STOP SWITCHES WORK CORRECTLY, START AND STOP SWITCHES WORK PROPERLY, CHECK EQUIPMENT FOR PROPER OPERATION,</p>
<p>DISCONNECTS ARE IDENTIFIED CORRECTLY, ELECTRICAL PLUG AND RECEPTACLE IDENTIFIED CORRECTLY, RECEPTACLES AND PLUGS IN GOOD CONDITION, CIRCUITS ARE IDENTIFIED, PROVISIONS FOR LOCK OUT OF PLUG AND MACHINE, STRAIN CLAMPS INSTALLED AND WITH ADDITIONAL INSULATION, DUST COVERS FOR RECEPTACLES IN PLACE, GROUND STRAPS ARE HOOKED UP,</p>
<p>POWER CABLE IS HUNG ON INSULATORS, GUARDED WHERE IT CROSSES COMMUNICATION LINES AND HIGH VOLTAGE CABLE, IN GOOD CONDITION</p>
<p>CORRECT PROTECTION PROVIDED, OVERLOAD, SHORT CIRCUIT, GROUND FAULT, UNDER VOLTAGE,</p>
<p>CORRECT INSTANTANEOUS BREAKER SETTING (7 TIMES FLA=LOW 13 TIMES FLA=HIGH) THIS IS FOR POWER CABLES ONLY, 1.25 TIMES FLA= AMPACITES SIZE FOR CABLE</p>
<p>EQUIPMENT FREE OF ACCUMULATIONS, 24" CLEARANCE AROUND ALL SIDES, NO ROOF AND RIB HAZARDS, AREA WELL ROCK DUSTED</p>

## INSPECTION OF PERMISSIBLE ELECTRICAL EQUIPMENT

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
CABLE REELS SHEAVES TURN FREELY, SHARPE EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY
CONTROLLERS, MOTORS, EXPLOSION PROOF COMPARTMENTS, FOR EXCESSIVE OPENINGS OF FLAME PATH, DIAMETRICAL CLEARANCE OF SHAFTS, MISSING BOLTS, LOCK WASHERS, FLAT WASHERS, GENERAL CONDITION OF COMPARTMENT
CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED
INTERMACHINE CABLES HAVE NO SPLICES, CONDUITS ARE IN GOOD CONDITION, MARKED FLAME RESISTANCE, PROPERLY CLAMPED ON GLAND, SEPARATE FROM HYD. HOSES, AND PROTECTED FROM DAMAGE
CHECK LIGHTS FOR OPERATION, LIGHTS SECURED DOWN, LIGHT LENS NOT DEFECTIVE, LENS SECURED BY LOCK DEVICE LIGHTS IN GOOD CONDITION
CHECK FOR PROPER OPERATION OF CIRCUIT BREAKERS, OVERLOAD PROTECTION, PROPER OPERATION OF ELECTRICAL CIRCUITS, EMERGENCY STOP CONTROLS, SWITCH OPERATIONS
CHECK FOR PROPER 2G APPROVAL PLATE, X/P TAGS ON EXPLOSION PROOF ENCLOSURES, CAB CERTIFICATION TAG
CHECK FOR PROPER OPERATION OF PARKING BRAKES, SERVICE BRAKE OPERATION
CHECK FOR OIL, COAL, GREASE ACCUMULATIONS ON MACHINE, PROPER GUARDING OF ROTATING PARTS TO PREVENT PERSONAL INJURY
CHECK BATTERY COVERS ARE SECURED, BATTERIES COVERS ARE INSULATED, RECEPTICALS ARE IN GOOD CONDITION, LOCKING DEVICE IS INSTALLED TO PREVENT NIP FROM LOSING, CELL WATER LEVELS ARE CORRECT, CELL CAPS IN PLACE
CHECK FIRE SUPPRESSION FOR PROPER SPRAYS, SPRAY LOCATION, SPRAYS HAVE PROTECTIVE CAPS, (BATTERY BACKUP IS OPERATIONAL) ACTUATION BUTTON NOT SEIZED, CO2 BOTTLES NOT EXPENDED OUT, BOTTLES NOT DAMAGE, GENERAL CONDITION OF SYSTEM, FIRE EXTINGUISHER IN GOOD CONDITION, INSPECTION TAG ATTACHED AND EXTINGUISHER IS MOUNTED SECURELY.

COMMENTS:

PERMISSIBILITY MUST BE SIGNED DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
3-28	MAIN WEST	#3 ROOF BOLTER	Accumulations	washed	[Signature]
3-29	MAIN WEST	4978 MINER	Accumulations Broken/leaded	washed & Replaced	[Signature]
	MAIN WEST				
	MAIN WEST	4978 MINER CAL 2.5 GAS			
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
		JAMSON WARD			

NOTE'S \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

PERMISSIBILITY WEEKLY DATE ENDING 3-31

MAIN WEST SECTION

DARWON STANFEILD

SECTION TRANS #30 HEAT LAMP #6

MICROWAVE #6 151958 SCOOP & CHARGER

SIGN **Signature** DATE 3-29-07

2MSHA05381

## INSPECTION OF PERMISSIBLE ELECTRICAL EQUIPMENT

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
CABLE REELS SHEAVES TURN FREELY, SHARPE EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY
CONTROLLERS, MOTORS, EXPLOSION PROOF COMPARTMENTS, FOR EXCESSIVE OPENINGS OF FLAME PATH, DIAMETRICAL CLEARANCE OF SHAFTS, MISSING BOLTS, LOCK WASHERS, FLAT WASHERS, GENERAL CONDITION OF COMPARTMENT
CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED
INTERMACHINE CABLES HAVE NO SPLICES, CONDUITS ARE IN GOOD CONDITION, MARKED FLAME RESISTANCE, PROPERLY CLAMPED ON GLAND, SEPARATE FROM HYD. HOSES, AND PROTECTED FROM DAMAGE
CHECK LIGHTS FOR OPERATION, LIGHTS SECURED DOWN, LIGHT LENS NOT DEFECTIVE, LENS SECURED BY LOCK DEVICE LIGHTS IN GOOD CONDITION
CHECK FOR PROPER OPERATION OF CIRCUIT BREAKERS, OVERLOAD PROTECTION, PROPER OPERATION OF ELECTRICAL CIRCUITS, EMERGENCY STOP CONTROLS, SWITCH OPERATIONS
CHECK FOR PROPER 2G APPROVAL PLATE, X/P TAGS ON EXPLOSION PROOF ENCLOSURES, CAB CERTIFICATION TAG
CHECK FOR PROPER OPERATION OF PARKING BRAKES, SERVICE BRAKE OPERATION
CHECK FOR OIL, COAL, GREASE ACCUMULATIONS ON MACHINE, PROPER GUARDING OF ROTATING PARTS TO PREVENT PERSONAL INJURY
CHECK BATTERY COVERS ARE SECURED, BATTERIES COVERS ARE INSULATED, RECEPTICALS ARE IN GOOD CONDITION, LOCKING DEVICE IS INSTALLED TO PREVENT NIP FROM LOSING, CELL WATER LEVELS ARE CORRECT, CELL CAPS IN PLACE
CHECK FIRE SUPPRESSION FOR PROPER SPRAYS, SPRAY LOCATION, SPRAYS HAVE PROTECTIVE CAPS, (BATTERY BACKUP IS OPERATIONAL) ACTUATION BUTTON NOT SEIZED, CO2 BOTTLES NOT EXPENDED OUT, BOTTLES NOT DAMAGE, GENERAL CONDITION OF SYSTEM, FIRE EXTINGUISHER IN GOOD CONDITION, INSPECTION TAG ATTACHED AND EXTINGUISHER IS MOUNTED SECURELY.

DEISEL

2MSHA05382

## INSPECTION OF NON-PERMISSIBLE ELECTRICAL EQUIPMENT

<p>FIRE PROTECTION, FIRE EXTINGUISHER FOR DEFECTS 250 LBS. ROCK DUST IF NEEDED, FIRE EXTINGUISHER INSPECTION TAG AND DATED, SELF ACTUATING FIRE SUPPRESSIONS ARE OPERATIVE AND WIRED CORRECTLY TO REMOVE POWER FROM EQUIPMENT OR ENGINE SHUT DOWN, NOZZLES ARE PROTECTED AND PROPER LOCATION, HOSE ARE SECURED AND PROTECTED FROM DAMAGE, GAS BOTTLES OR AIR TANKS ARE NOT EXPENDED OUT.</p>
<p>CABLES AND CONDUITS IN GOOD CONDITION, CABLE ENTRANCE GLANDS PROPERLY INSTALLED, ADDITIONAL INSULATION PROVIDED ON ENTRANCE GLAND IF NEEDED, CABLES ARE ENTERED CORRECTLY, MONITOR AND GROUND CONNECTION ARE SEPARATED, BUSHED WERE PASS THROUGH MEDAL WALLS</p>
<p>EQUIPMENT GUARDS ARE IN PLACE AND SECURED, OPENINGS IN ELECTRICAL CONTROLLERS PLUGGED OR COVERED, DOORS TO ELECTRICAL CIRCUITS ARE SECURED SHUT, VISUAL WINDOWS IN GOOD CONDITION, ELECTRICAL CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EMERGENCY STOP SWITCHES WORK CORRECTLY, START AND STOP SWITCHES WORK PROPERLY, CHECK EQUIPMENT FOR PROPER OPERATION,</p>
<p>DISCONNECTS ARE IDENTIFIED CORRECTLY, ELECTRICAL PLUG AND RECEPTACLE IDENTIFIED CORRECTLY, RECEPTACLES AND PLUGS IN GOOD CONDITION, CIRCUITS ARE IDENTIFIED, PROVISIONS FOR LOCK OUT OF PLUG AND MACHINE, STRAIN CLAMPS INSTALLED AND WITH ADDITIONAL INSULATION, DUST COVERS FOR RECEPTACLES IN PLACE, GROUND STRAPS ARE HOOKED UP,</p>
<p>POWER CABLE IS HUNG ON INSULATORS, GUARDED WHERE IT CROSSES COMMUNICATION LINES AND HIGH VOLTAGE CABLE, IN GOOD CONDITION</p>
<p>CORRECT PROTECTION PROVIDED, OVERLOAD, SHORT CIRCUIT, GROUND FAULT, UNDER VOLTAGE,</p>
<p>CORRECT INSTANTANEOUS BREAKER SETTING (7 TIMES FLA=LOW 13 TIMES FLA=HIGH) THIS IS FOR POWER CABLES ONLY, 1.25 TIMES FLA= AMPACITES SIZE FOR CABLE</p>
<p>EQUIPMENT FREE OF ACCUMULATIONS, 24" CLEARANCE AROUND ALL SIDES, NO ROOF AND RIB HAZARDS, AREA WELL ROCK DUSTED</p>

**PERMISSIBILITY MUST BE SIGNED AND DATED**

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
3-29	MAIN WEST	SECTION TRANS # 30	Covers missing Bolts	Replaced Bolts	DS
3-27	MAIN WEST	HEAT LAMP #6	Condition OK	None	DS
3-27	MAIN WEST	MICROWAVE #6	Dirty	Cleaned	DS
3-29	MAIN WEST	17-2 488 SCOOP	accumulation	Tagged out	DS
3-29	MAIN WEST	488 SCOOP CHARGER	conditions ok	None	DS
3-29	MAIN WEST	#7 MRS	OOS	Tagged out	DS
3-29	MAIN WEST	#8 MRS	OOS	Tagged out	DS
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
		JAMESON WARD			

**LIST ALL ELECTRICAL HAND TOOL'S**

DATE	TOOL	CONDITION	ACTION Taken	INITIAL'S

NOTE'S \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

PERMISSIBILITY WEEKLY DATE ENDING 3-31

26 March 2007

FOSTER MCAURTHUR

ALL PORTABLE AND PERMANENT PUMP'S

SIGNATURE **Signature** DATE 3.29.07

## INSPECTION OF NON-PERMISSIBLE ELECTRICAL EQUIPMENT

FIRE PROTECTION, FIRE EXTINGUISHER FOR DEFECTS 250 LBS. ROCK DUST IF NEEDED, FIRE EXTINGUISHER INSPECTION TAG AND DATED, SELF ACTUATING FIRE SUPPRESSIONS ARE OPERATIVE AND WIRED CORRECTLY TO REMOVE POWER FROM EQUIPMENT OR ENGINE SHUT DOWN, NOZZLES ARE PROTECTED AND PROPER LOCATION, HOSE ARE SECURED AND PROTECTED FROM DAMAGE, GAS BOTTLES OR AIR TANKS ARE NOT EXPENDED OUT.
CABLES AND CONDUITS IN GOOD CONDITION, CABLE ENTRANCE GLANDS PROPERLY INSTALLED, ADDITIONAL INSULATION PROVIDED ON ENTRANCE GLAND IF NEEDED, CABLES ARE ENTERED CORRECTLY, MONITOR AND GROUND CONNECTION ARE SEPARATED, BUSHED WERE PASS THROUGH MEDAL WALLS
EQUIPMENT GUARDS ARE IN PLACE AND SECURED, OPENINGS IN ELECTRICAL CONTROLLERS PLUGGED OR COVERED, DOORS TO ELECTRICAL CIRCUITS ARE SECURED SHUT, VISUAL WINDOWS IN GOOD CONDITION, ELECTRICAL CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EMERGENCY STOP SWITCHES WORK CORRECTLY, START AND STOP SWITCHES WORK PROPERLY, CHECK EQUIPMENT FOR PROPER OPERATION,
DISCONNECTS ARE IDENTIFIED CORRECTLY, ELECTRICAL PLUG AND RECEPTACLE IDENTIFIED CORRECTLY, RECEPTACLES AND PLUGS IN GOOD CONDITION, CIRCUITS ARE IDENTIFIED, PROVISIONS FOR LOCK OUT OF PLUG AND MACHINE, STRAIN CLAMPS INSTALLED AND WITH ADDITIONAL INSULATION, DUST COVERS FOR RECEPTACLES IN PLACE, GROUND STRAPS ARE HOOKED UP,
POWER CABLE IS HUNG ON INSULATORS, GUARDED WHERE IT CROSSES COMMUNICATION LINES AND HIGH VOLTAGE CABLE, IN GOOD CONDITION
CORRECT PROTECTION PROVIDED, OVERLOAD, SHORT CIRCUIT, GROUND FAULT, UNDER VOLTAGE,
CORRECT INSTANTANEOUS BREAKER SETTING (7 TIMES FLA=LOW 13 TIMES FLA=HIGH) THIS IS FOR POWER CABLES ONLY, 1.25 TIMES FLA= AMPACITES SIZE FOR CABLE
EQUIPMENT FREE OF ACCUMULATIONS, 24" CLEARANCE AROUND ALL SIDES, NO ROOF AND RIB HAZARDS, AREA WELL ROCK DUSTED

## INSPECTION OF PERMISSIBLE ELECTRICAL EQUIPMENT

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
CABLE REELS SHEAVES TURN FREELY, SHARP EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY
CONTROLLERS, MOTORS, EXPLOSION PROOF COMPARTMENTS, FOR EXCESSIVE OPENINGS OF FLAME PATH, DIAMETRICAL CLEARANCE OF SHAFTS, MISSING BOLTS, LOCK WASHERS, FLAT WASHERS, GENERAL CONDITION OF COMPARTMENT
CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED
INTERMACHINE CABLES HAVE NO SPLICES, CONDUITS ARE IN GOOD CONDITION, MARKED FLAME RESISTANCE, PROPERLY CLAMPED ON GLAND, SEPARATE FROM HYD. HOSES, AND PROTECTED FROM DAMAGE
CHECK LIGHTS FOR OPERATION, LIGHTS SECURED DOWN, LIGHT LENS NOT DEFECTIVE, LENS SECURED BY LOCK DEVICE LIGHTS IN GOOD CONDITION
CHECK FOR PROPER OPERATION OF CIRCUIT BREAKERS, OVERLOAD PROTECTION, PROPER OPERATION OF ELECTRICAL CIRCUITS, EMERGENCY STOP CONTROLS, SWITCH OPERATIONS
CHECK FOR PROPER 2G APPROVAL PLATE, X/P TAGS ON EXPLOSION PROOF ENCLOSURES, CAB CERTIFICATION TAG
CHECK FOR PROPER OPERATION OF PARKING BRAKES, SERVICE BRAKE OPERATION
CHECK FOR OIL, COAL, GREASE ACCUMULATIONS ON MACHINE, PROPER GUARDING OF ROTATING PARTS TO PREVENT PERSONAL INJURY
CHECK BATTERY COVERS ARE SECURED, BATTERIES COVERS ARE INSULATED, RECEPTICALS ARE IN GOOD CONDITION, LOCKING DEVICE IS INSTALLED TO PREVENT NIP FROM LOSING, CELL WATER LEVELS ARE CORRECT, CELL CAPS IN PLACE
CHECK FIRE SUPPRESSION FOR PROPER SPRAYS, SPRAY LOCATION, SPRAYS HAVE PROTECTIVE CAPS, (BATTERY BACKUP IS OPERATIONAL) ACTUATION BUTTON NOT SEIZED, CO2 BOTTLES NOT EXPENDED OUT, BOTTLES NOT DAMAGE, GENERAL CONDITION OF SYSTEM, FIRE EXTINGUISHER IN GOOD CONDITION, INSPECTION TAG ATTACHED AND EXTINGUISHER IS MOUNTED SECURELY.

COMMENTS:

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2MSHA05387

**PERMISSIBILITY MUST BE SIGNED AND DATED**

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
3-29-07	XC15 RETURN	5HP PUMP P 5-36	OK		FM
3-28-07	XC39 MW RETURN	6.4 HP PUMP P 6.4 35	OK		FM
3-28-07	XC 39 MW RETURN	13HP PUMP P13 - 34	OK		FM
3-28-07	XC 44 M.W. RETURN	6.4 KW PUMP P6.4 33	OK		FM
3-28-07	XC 47 M.W. RETURN	6.4KW PUMP P 6.4-30	OK		FM
	1 <sup>ST</sup> EAST BLEEDER PUMPS	2 G PUMP SYSTEM			
3-27-07	XC 52 1 <sup>ST</sup> EAST	13 HP PUMP SC #18	OK		FM
3-27-07	XC5 BLEEDER	13 HP PUMP	OK		FM
3-27-07	XC35 2EAST	13HP PUMP	OK		FM
	2 <sup>ND</sup> EAST	2 G PUMP SYSTEM			
3-27-07	XC33 2NDEAST	5HP PUMP	OK		FM
3-27-07	XC 20	D BOXES # 7 & RED OUT	OK		FM
3-27-07	XC 23 BLEEDER	5HP PUMP P# 23	OK		FM
3-27-07	XC-52 1 <sup>ST</sup> EAST	13 HP P# 52	OK		FM

NOTE'S \_\_\_\_\_  
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DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
	1 <sup>ST</sup> WEST & 2 WEST BLEEDER	2G PUMP SYSTEM			
3-26-07	XC 12 1 <sup>ST</sup> WEST	2G P 13 -1	OK		FM
3-26-07	XC 1 BLEEDER 1 <sup>ST</sup> WEST	2G P13 -2	OK		FM
3-26-07	XC 7 2NDWEST BLEEDER	2G P 13-3	+ OK		FM
3-26-07	DOG LEG 2 <sup>ND</sup> WEST BLEEDER	2G P13-4	OK		FM
3-26-07	3 <sup>RD</sup> LEFT	2G P 5-1	OK		FM
3-26-07	REGULATOR 3 1/4	2G P 5-2	OK		FM
3-26-07	3 1/2 CORNER	2G P 13-5	OK		FM
3-26-07	3 1/2 CORNER	2G P 28 -I	OK		FM
3-26-07	3 1/2 BLEEDER	2G 5-3	OK		FM
3-26-07	3 1/4 XC2	2G 5-4	OK		FM
3-26-07	3 1/4 XC 5	2G 5-5	OK		FM
3-26-07	3 1/4 XC 10	2G 5-6	OK		FM
3-26-07	3 1/2 CORNER	2G 30hp pump	OK		FM
3-26-07	3 1/2 CORNER	2G30hp pump	OK		FM

PERMISSIBILITY MUST BE SIGNED AND DATED

PERMISSIBILITY WEEKLY DATE ENDING 47

2 April 2007

FOSTER MCAURTHUR

ALL PORTABLE AND PERMANENT PUMP'S

SIGN **Signature** DATE 4-5-07

2MSHA05390

## INSPECTION OF NON-PERMISSIBLE ELECTRICAL EQUIPMENT

FIRE PROTECTION, FIRE EXTINGUISHER FOR DEFECTS 250 LBS. ROCK DUST IF NEEDED, FIRE EXTINGUISHER INSPECTION TAG AND DATED, SELF ACTUATING FIRE SUPPRESSIONS ARE OPERATIVE AND WIRED CORRECTLY TO REMOVE POWER FROM EQUIPMENT OR ENGINE SHUT DOWN, NOZZLES ARE PROTECTED AND PROPER LOCATION, HOSE ARE SECURED AND PROTECTED FROM DAMAGE, GAS BOTTLES OR AIR TANKS ARE NOT EXPENDED OUT.
CABLES AND CONDUITS IN GOOD CONDITION, CABLE ENTRANCE GLANDS PROPERLY INSTALLED, ADDITIONAL INSULATION PROVIDED ON ENTRANCE GLAND IF NEEDED, CABLES ARE ENTERED CORRECTLY, MONITOR AND GROUND CONNECTION ARE SEPARATED, BUSHED WERE PASS THROUGH MEDAL WALLS
EQUIPMENT GUARDS ARE IN PLACE AND SECURED, OPENINGS IN ELECTRICAL CONTROLLERS PLUGGED OR COVERED, DOORS TO ELECTRICAL CIRCUITS ARE SECURED SHUT, VISUAL WINDOWS IN GOOD CONDITION, ELECTRICAL CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EMERGENCY STOP SWITCHES WORK CORRECTLY, START AND STOP SWITCHES WORK PROPERLY, CHECK EQUIPMENT FOR PROPER OPERATION,
DISCONNECTS ARE IDENTIFIED CORRECTLY, ELECTRICAL PLUG AND RECEPTACLE IDENTIFIED CORRECTLY, RECEPTACLES AND PLUGS IN GOOD CONDITION, CIRCUITS ARE IDENTIFIED, PROVISIONS FOR LOCK OUT OF PLUG AND MACHINE, STRAIN CLAMPS INSTALLED AND WITH ADDITIONAL INSULATION, DUST COVERS FOR RECEPTACLES IN PLACE, GROUND STRAPS ARE HOOKED UP,
POWER CABLE IS HUNG ON INSULATORS, GUARDED WHERE IT CROSSES COMMUNICATION LINES AND HIGH VOLTAGE CABLE, IN GOOD CONDITION
CORRECT PROTECTION PROVIDED, OVERLOAD, SHORT CIRCUIT, GROUND FAULT, UNDER VOLTAGE,
CORRECT INSTANTANEOUS BREAKER SETTING (7 TIMES FLA=LOW 13 TIMES FLA=HIGH) THIS IS FOR POWER CABLES ONLY, 1.25 TIMES FLA= AMPACITES SIZE FOR CABLE
EQUIPMENT FREE OF ACCUMULATIONS, 24" CLEARANCE AROUND ALL SIDES, NO ROOF AND RIB HAZARDS, AREA WELL ROCK DUSTED

2MSHA05391

## INSPECTION OF PERMISSIBLE ELECTRICAL EQUIPMENT

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
CABLE REELS SHEAVES TURN FREELY, SHARP EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY
CONTROLLERS, MOTORS, EXPLOSION PROOF COMPARTMENTS, FOR EXCESSIVE OPENINGS OF FLAME PATH, DIAMETRICAL CLEARANCE OF SHAFTS, MISSING BOLTS, LOCK WASHERS, FLAT WASHERS, GENERAL CONDITION OF COMPARTMENT
CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED
INTERMACHINE CABLES HAVE NO SPLICES, CONDUITS ARE IN GOOD CONDITION, MARKED FLAME RESISTANCE, PROPERLY CLAMPED ON GLAND, SEPARATE FROM HYD. HOSES, AND PROTECTED FROM DAMAGE
CHECK LIGHTS FOR OPERATION, LIGHTS SECURED DOWN, LIGHT LENS NOT DEFECTIVE, LENS SECURED BY LOCK DEVICE LIGHTS IN GOOD CONDITION
CHECK FOR PROPER OPERATION OF CIRCUIT BREAKERS, OVERLOAD PROTECTION, PROPER OPERATION OF ELECTRICAL CIRCUITS, EMERGENCY STOP CONTROLS, SWITCH OPERATIONS
CHECK FOR PROPER 2G APPROVAL PLATE, X/P TAGS ON EXPLOSION PROOF ENCLOSURES, CAB CERTIFICATION TAG
CHECK FOR PROPER OPERATION OF PARKING BRAKES, SERVICE BRAKE OPERATION
CHECK FOR OIL, COAL, GREASE ACCUMULATIONS ON MACHINE, PROPER GUARDING OF ROTATING PARTS TO PREVENT PERSONAL INJURY
CHECK BATTERY COVERS ARE SECURED, BATTERIES COVERS ARE INSULATED, RECEPTICALS ARE IN GOOD CONDITION, LOCKING DEVICE IS INSTALLED TO PREVENT NIP FROM LOSING, CELL WATER LEVELS ARE CORRECT, CELL CAPS IN PLACE
CHECK FIRE SUPPRESSION FOR PROPER SPRAYS, SPRAY LOCATION, SPRAYS HAVE PROTECTIVE CAPS, (BATTERY BACKUP IS OPERATIONAL) ACTUATION BUTTON NOT SEIZED, CO2 BOTTLES NOT EXPENDED OUT, BOTTLES NOT DAMAGE, GENERAL CONDITION OF SYSTEM, FIRE EXTINGUISHER IN GOOD CONDITION, INSPECTION TAG ATTACHED AND EXTINGUISHER IS MOUNTED SECURELY.

COMMENTS:

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2MSHA05392

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
	1 <sup>ST</sup> WEST & 2 WEST BLEEDER	2G PUMP SYSTEM			
4.2.07	XC 12 1 <sup>ST</sup> WEST	2G P 13 -1	OK		FM
4.2.07	XC 1 BLEEDER 1 <sup>ST</sup> WEST	2G P13 -2	OK		FM
4.2.07	XC 7 2ND WEST BLEEDER	2G P 13-3	+ OK		FM
4.2.07	DOG LEG 2 <sup>ND</sup> WEST BLEEDER	2G P13-4	OK		FM
4.2.07	3 <sup>RD</sup> LEFT	2G P 5-1	OK		FM
4.2.07	REGULATOR 3 1/4	2G P 5-2	OK		FM
4.2.07	3 1/2 CORNER	2G P 13-5	OK		FM
4.2.07	3 1/2 CORNER	2G P 28 -1	OK		FM
4.2.07	3 1/2 BLEEDER	2G 5-3	OK		FM
4.2.07	3 1/4 XC2	2G 5-4	OK		FM
4.2.07	3 1/4 XC 5	2G 5-5	OK		FM
4.2.07	3 1/4 XC 10	2G 5-6	OK		FM
4.2.07	3 1/2 CORNER	2G 30hp pump	OK		FM
4.2.07	3 1/2 CORNER	2G30hp pump	OK		FM

PERMISSIBILITY MUST BE SIGNED AND DATED

2MSHA05393

**PERMISSIBILITY MUST BE SIGNED AND DATED**

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-5-07	XC15 RETURN	5HP PUMP P 5-36	OK		FM
4-4-07	XC39 MW RETURN	6.4 HP PUMP P 6.4 35	OK		FM
4-4-07	XC 39 MW RETURN	13HP PUMP P13 - 34	OK		FM
4-4-07	XC 44 M.W. RETURN	6.4 KW PUMP P6.4 33	OK		FM
4-4-07	XC 47 M.W. RETURN	6.4KW PUMP P 6.4-30	OK		FM
	1 <sup>ST</sup> EAST BLEEDER PUMPS	2 G PUMP SYSTEM			
4-3-07	XC 52 1 <sup>ST</sup> EAST	13 HP PUMP SC #18	OK		FM
4-3-07	XC5 BLEEDER	13 HP PUMP	OK		FM
4-3-07	XC35 2EAST	13HP PUMP	OK		FM
	2 <sup>ND</sup> EAST	2 G PUMP SYSTEM			
4-3-07	XC33 2NDEAST	5HP PUMP	OK		FM
4-3-07	XC 20	D BOXES # 7 & RED OUT	OK		FM
4-3-07	XC 23 BLEEDER	5HP PUMP P# 23	OK		FM
4-3-07	XC-52 1 <sup>ST</sup> EAST	13 HP P# 52	OK		FM

NOTE'S \_\_\_\_\_  
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PERMISSIBILITY WEEKLY DATE ENDING 4-7-07

2 April 2007

HUGH ARRIOTTI BLAIN FILLMORE

OUT-BY 2- ENTRY DIESEL EQUIPMENT

, DIESEL BOLTER ALLCO GATOR  
, # 404, JEFFRY DUSTER #10 BUCKEN WHILLEY

**Signature**

SIG

DATE

4-5-07

2MSHA05395

**INSPECTION OF PERMISSIBLE DIESEL  
EQUIPMENT (HEAVY DUTY)**

<p>INTAKE AIR SYSTEM, CHECK FOR DAMAGE OR ALTERED, COPPER GASKET IN GOOD CONDITION, INTAKE FLAME ARRESTER CLEAN, NO EXCESSIVE OPENINGS .018 INCH FILAMENT TYPE, NO HOLE TYPE DO LIGHT TEST</p>
<p>EXHAUST SYSTEM, CHECK ALL BOLTS AND WASHERS IN PLACE AND TIGHT, ALL GASKETS INSTALLED AND JOINTS TIGHT, EXHAUST SYSTEM FASTENERS IN PLACE AND TIGHT, EXHAUST IN GOOD CONDITION, HOLES PLUGGED, NO CRACKS</p>
<p>CHECK SHUT DOWN, INTAKE VACUUM NOT TO EXCEED 25" OF WATER AT FULL THROTTLE, EXHAUST BACK PRESSURE AT FULL THROTTLE NOT TO EXCEED 34" OF WATER, CHECK FOR AIR SYSTEM LEAKS, SCRUBBER SYSTEM SHUT DOWN LOW WATER, HIGH TEMP. SHUT DOWN, HIGH COOLANT SHUT DOWN, EMERGENCY INTAKE AIR SHUT OFF OPERATIONAL, BRAKES OPERATIONAL SET UP WITH IN 5 SEC. OF SHUT DOWN, ALL COVERS AND GUARDS IN PLACE AND SECURED DOWN,</p>
<p>CHECK FIRE SUPPRESSION SPRAYS CAPPED, HOSED PROTECTED FROM DAMAGE, ACTUATOR PRESSURIZED, AUTOMATIC SYSTEM FUNCTIONAL, FIRE SUPPRESSION ENGINE SHUT DOWN OPERATIONAL, FIRE EXTINGUISHER MOUNTED, DATE AND INSPECTION TAG ATTACHED.</p>
<p>CHECK AUDIBLE WARNING DEVICE, MACHINE FREE OF ACCUMULATIONS, CHECK PARK BRAKE SYSTEM IS OPERATIONAL, CHECK MACHINE CONTROLS FOR PROPER OPERATION, ALL LIGHTS WORK IN BOTH DIRECTIONS, PACKING GLANDS INSTALLED CORRECTLY, PACKING NUTS SECURED WITH LOCKING DEVICE, UNUSED GLANDS SPOT WELDED, CABLES AND CONDUITS ARE FLAME RESISTANT, CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EXPLOSION PROOF COMPARTMENTS, NO EXCESS GAPS. IN FLAME PATHS ALL BOLTS ARE TIGHT AND IN GOOD CONDITION, XP AND 2G TAGS ARE ON, ELECTRICAL SYSTEM IN GOOD CONDITION</p>

2MSHA05396

**INSPECTION OF NON-PERMISSIBLE DIESEL EQUIPMENT  
(HEAVY AND LIGHT DUTY)**

FIRE PROTECTION, FIRE EXTINGUISHER FREE OF DEFECTS, INSPECTION TAG ON AND DATED, FIRE SUPPRESSION SYSTEM IS IN GOOD CONDITION AND OPERATIONAL, CAPS ARE ON NOZZLES, NOZZLES LOCATION IS CORRECT, ALL COMPONENTS ARE MOUNTED SECURELY,
SAFETY SHUT DOWN SYSTEMS ARE OPERATIONAL, FUEL SHUT OFF VALVES IN GOOD CONDITION AND LOCATION IS CORRECT,
EQUIPMENT IS FREE OF OIL, COAL, FUEL ACCUMULATIONS, STARTER FLUID IS IN PROPER CONTAINER,
FUEL SYSTEM, CHECK FOR FUEL LEAKS, SELF CLOSING FUEL CAP IS WORKING PROPERLY, HIGH PRESSURE FUEL LINES GUARDED OR COVERED PROPERLY, FUEL LINES PROTECTED FROM DAMAGE, FUEL TANK GUARD IN PLACE
ELECTRICAL SYSTEM, CHECK FOR PROPER FUSE SIZE, CORRECT TYPE OF FUSE, BATTERY COVERS IN PLACE, WIRING OF PROPER SIZE, MAIN DISCONNECT WORKING PROPERLY, WIRING BUSHED THROUGH METAL WALLS, WIRING SECURED DOWN, CHECK AUDIBLE WARNING DEVICE WORKING CORRECTLY, CHECK NEUTRAL START SWITCH, ALL BARE ELECTRICAL TERMINALS ARE INSULATED, ALL REQUIRED LIGHTS ARE WORKING, CHECK FUEL LINE ARE SEPARATED FROM ELECTRICAL WIRING
CHECK FOR CORRECT MSHA APPROVAL TAG ON ENGINE, ALL GLASS IN GOOD CONDITION, OPERATIONAL CONTROLS WORKING PROPERLY, SPARK ARRESTER INTACT, MACHINE PARKING BRAKE AND SERVICE BRAKES WORKING PROPERLY, EMERGENCY STOP PANIC BARS CORRECTLY IN GAGE BRAKING SYSTEM AND STOP MACHINE, WITHIN 5 SECONDS OF ENGINE SHUT DOWN (HEAVY DUTY ONLY)

2MSHA05397

## INSPECTION OF NON-PERMISSIBLE ELECTRICAL EQUIPMENT

FIRE PROTECTION, FIRE EXTINGUISHER FOR DEFECTS 250 LBS. ROCK DUST IF NEEDED, FIRE EXTINGUISHER INSPECTION TAG AND DATED, SELF ACTUATING FIRE SUPPRESSIONS ARE OPERATIVE AND WIRED CORRECTLY TO REMOVE POWER FROM EQUIPMENT OR ENGINE SHUT DOWN, NOZZLES ARE PROTECTED AND PROPER LOCATION, HOSE ARE SECURED AND PROTECTED FROM DAMAGE, GAS BOTTLES OR AIR TANKS ARE NOT EXPENDED OUT.
CABLES AND CONDUITS IN GOOD CONDITION, CABLE ENTRANCE GLANDS PROPERLY INSTALLED, ADDITIONAL INSULATION PROVIDED ON ENTRANCE GLAND IF NEEDED, CABLES ARE ENTERED CORRECTLY, MONITOR AND GROUND CONNECTION ARE SEPARATED, BUSHED WERE PASS THROUGH MEDAL WALLS
EQUIPMENT GUARDS ARE IN PLACE AND SECURED, OPENINGS IN ELECTRICAL CONTROLLERS PLUGGED OR COVERED, DOORS TO ELECTRICAL CIRCUITS ARE SECURED SHUT, VISUAL WINDOWS IN GOOD CONDITION, ELECTRICAL CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EMERGENCY STOP SWITCHES WORK CORRECTLY, START AND STOP SWITCHES WORK PROPERLY, CHECK EQUIPMENT FOR PROPER OPERATION,
DISCONNECTS ARE IDENTIFIED CORRECTLY, ELECTRICAL PLUG AND RECEPTACLE IDENTIFIED CORRECTLY, RECEPTACLES AND PLUGS IN GOOD CONDITION, CIRCUITS ARE IDENTIFIED, PROVISIONS FOR LOCK OUT OF PLUG AND MACHINE, STRAIN CLAMPS INSTALLED AND WITH ADDITIONAL INSULATION, DUST COVERS FOR RECEPTACLES IN PLACE, GROUND STRAPS ARE HOOKED UP,
POWER CABLE IS HUNG ON INSULATORS, GUARDED WHERE IT CROSSES COMMUNICATION LINES AND HIGH VOLTAGE CABLE, IN GOOD CONDITION
CORRECT PROTECTION PROVIDED, OVERLOAD, SHORT CIRCUIT, GROUND FAULT, UNDER VOLTAGE,
CORRECT INSTANTANEOUS BREAKER SETTING (7 TIMES FLA=LOW 13 TIMES FLA=HIGH) THIS IS FOR POWER CABLES ONLY, 1.25 TIMES FLA= AMPACITES SIZE FOR CABLE
EQUIPMENT FREE OF ACCUMULATIONS, 24" CLEARANCE AROUND ALL SIDES, NO ROOF AND RIB HAZARDS, AREA WELL ROCK DUSTED

2MSHA05398

**PERMISSIBILITY MUST BE SIGNED AND DATED**

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
					<i>FLA</i>
<i>4/5</i>	GEN MINE	JEFFREY DUSTER #13	<i>005</i>		
<i>4/5</i>	GEN MINE	STEAM CLEANER	<i>005</i>		
<i>4/5</i>	GEN MINE	DIESEL GATOR #15	<i>005</i>		
<i>4/5</i>	GEN MINE	#10 BUCKIN WILLY	<i>all need work</i>	<i>tagged</i>	

NOTE'S \_\_\_\_\_

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**LIST ALL ELECTRICAL HAND TOOL'S**

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

PERMISSIBILITY WEEKLY DATE ENDING 4-7-07

2 April 2007

BLAIN FILLMORE HUGH ARRIOTTI

# 2 AIR# 1 & # 2 DIESEL WELDERS  
COMPRESSOR,  
BANANA DUSTER, BUCKIN WILLY,  
# 5 SLINGER DUSTER #5 #6 #7 GEHL  
TERRA PRO #1 #4 975

**Signature**

SIGN

DATE

4-5-07

2MSHA05400

**INSPECTION OF NON-PERMISSIBLE DIESEL EQUIPMENT  
(HEAVY AND LIGHT DUTY)**

FIRE PROTECTION, FIRE EXTINGUISHER FREE OF DEFECTS, INSPECTION TAG ON AND DATED, FIRE SUPPRESSION SYSTEM IS IN GOOD CONDITION AND OPERATIONAL, CAPS ARE ON NOZZLES, NOZZLES LOCATION IS CORRECT, ALL COMPONENTS ARE MOUNTED SECURELY,

SAFETY SHUT DOWN SYSTEMS ARE OPERATIONAL, FUEL SHUT OF VALVES IN GOOD CONDITION AND LOCATION IS CORRECT,

EQUIPMENT IS FREE OF OIL, COAL, FUEL ACCUMULATIONS, STARTER FLUID IS IN PROPER CONTAINER,

FUEL SYSTEM, CHECK FOR FUEL LEAKS, SELF CLOSING FUEL CAP IS WORKING PROPERLY, HIGH PRESSURE FUEL LINES GUARDED OR COVERED PROPERLY, FUEL LINES PROTECTED FROM DAMAGE, FUEL TANK GUARD IN PLACE

ELECTRICAL SYSTEM, CHECK FOR PROPER FUSE SIZE, CORRECT TYPE OF FUSE, BATTERY COVERS IN PLACE, WIRING OF PROPER SIZE, MAIN DISCONNECT WORKING PROPERLY, WIRING BUSHED THROUGH METAL WALLS, WIRING SECURED DOWN, CHECK AUDIBLE WARNING DEVICE WORKING CORRECTLY, CHECK NEUTRAL START SWITCH, ALL BARE ELECTRICAL TERMINALS ARE INSULATED, ALL REQUIRED LIGHTS ARE WORKING, CHECK FUEL LINE ARE SEPARATED FROM ELECTRICAL WIRING

CHECK FOR CORRECT MSHA APPROVAL TAG ON ENGINE, ALL GLASS IN GOOD CONDITION, OPERATIONAL CONTROLS WORKING PROPERLY, SPARK ARRESTER INTACT, MACHINE PARKING BRAKE AND SERVICE BRAKES WORKING PROPERLY, EMERGENCY STOP PANIC BARS CORRECTLY IN GAGE BRAKING SYSTEM AND STOP MACHINE, WITHIN 5 SECONDS OF ENGINE SHUT DOWN (HEAVY DUTY ONLY)

## INSPECTION OF PERMISSIBLE DIESEL EQUIPMENT (HEAVY DUTY)

INTAKE AIR SYSTEM, CHECK FOR DAMAGE OR ALTERED, COPPER GASKET IN GOOD CONDITION, INTAKE FLAME ARRESTER CLEAN, NO EXCESSIVE OPENINGS .018 INCH FILAMENT TYPE, NO HOLE TYPE DO LIGHT TEST

EXHAUST SYSTEM, CHECK ALL BOLTS AND WASHERS IN PLACE AND TIGHT, ALL GASKETS INSTALLED AND JOINTS TIGHT, EXHAUST SYSTEM FASTENERS IN PLACE AND TIGHT, EXHAUST IN GOOD CONDITION, HOLES PLUGGED, NO CRACKS

CHECK SHUT DOWN, INTAKE VACUUM NOT TO EXCEED 25" OF WATER AT FULL THROTTLE, EXHAUST BACK PRESSURE AT FULL THROTTLE NOT TO EXCEED 34" OF WATER, CHECK FOR AIR SYSTEM LEAKS, SCRUBBER SYSTEM SHUT DOWN LOW WATER, HIGH TEMP. SHUT DOWN, HIGH COOLANT SHUT DOWN, EMERGENCY INTAKE AIR SHUT OFF OPERATIONAL, BRAKES OPERATIONAL SET UP WITH IN 5 SEC. OF SHUT DOWN, ALL COVERS AND GUARDS IN PLACE AND SECURED DOWN,

CHECK FIRE SUPPRESSION SPRAYS CAPPED, HOSED PROTECTED FROM DAMAGE, ACTUATOR PRESSURIZED, AUTOMATIC SYSTEM FUNCTIONAL, FIRE SUPPRESSION ENGINE SHUT DOWN OPERATIONAL, FIRE EXTINGUISHER MOUNTED, DATE AND INSPECTION TAG ATTACHED.

CHECK AUDIBLE WARNING DEVICE, MACHINE FREE OF ACCUMULATIONS, CHECK PARK BRAKE SYSTEM IS OPERATIONAL, CHECK MACHINE CONTROLS FOR PROPER OPERATION, ALL LIGHTS WORK IN BOTH DIRECTIONS, PACKING GLANDS INSTALLED CORRECTLY, PACKING NUTS SECURED WITH LOCKING DEVICE, UNUSED GLANDS SPOT WELDED, CABLES AND CONDUITS ARE FLAME RESISTANT, CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EXPLOSION PROOF COMPARTMENTS, NO EXCESS GAPS. IN FLAME PATHS ALL BOLTS ARE TIGHT AND IN GOOD CONDITION, XP AND 2G TAGS ARE ON, ELECTRICAL SYSTEM IN GOOD CONDITION

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4/5	GEN MINE	BANANA DUSTER	fire supp. bad	tagged	HA
	GEN MINE	#2 TERRA PRO	005		
	GEN MINE	# 5 SLINGER DUSTER	replace fire caps recalibrate	one	
	GEN MINE	# 2 AIR COMPRESSOR	OK		
	GEN MINE	# 2 WELDING TRAILER			
	GEN MINE	#5 GEHL	005		
	GEN MINE	#6 GEHL	005		
	GEN MINE	#1 TERRA PRO	005		
4/5	GEN MINE	#1 975	needs washed	tagged	HA
4/5	GEN MINE	#4 975	OK		

Banana Duster Done 4-5-07

NOTE'S \_\_\_\_\_  
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LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	Action TAKEN	INITIAL'S

VEHICLE	CONDITIONS AND COMMENTS			WEEK OF
				4-1 4-7
	SAFE TO OPERATE	EMMISSIONS & FIRE SUPP.	DEFECT OR CONDITION	CORRECTIVE ACTION
#1-975		OK		
#4-975		OK		
#5-GEHL	OK			
#6-GEHL	OK			
#7-GEHL	OK			
#4-4110	OK			
#1 TERRA PRO	OK			

**WEEKLY H.D. & PERMISSIBLE VEHICLE CHECK**

PERMISSIBILITY weekly date ending ----- 4-7-07

2 April 2007

HUGH ARRIOTTI BLAIN FILLMORE

ISUZU TRUCK'S

SIGNED  DATE 4-5-07

2MSHA05405

**INSPECTION OF NON-PERMISSIBLE DIESEL EQUIPMENT  
(HEAVY AND LIGHT DUTY)**

FIRE PROTECTION, FIRE EXTINGUISHER FREE OF DEFECTS, INSPECTION TAG ON AND DATED, FIRE SUPPRESSION SYSTEM IS IN GOOD CONDITION AND OPERATIONAL, CAPS ARE ON NOZZLES, NOZZLES LOCATION IS CORRECT, ALL COMPONENTS ARE MOUNTED SECURELY,

SAFETY SHUT DOWN SYSTEMS ARE OPERATIONAL, FUEL SHUT OFF VALVES IN GOOD CONDITION AND LOCATION IS CORRECT,

EQUIPMENT IS FREE OF OIL, COAL, FUEL ACCUMULATIONS, STARTER FLUID IS IN PROPER CONTAINER,

FUEL SYSTEM, CHECK FOR FUEL LEAKS, SELF CLOSING FUEL CAP IS WORKING PROPERLY, HIGH PRESSURE FUEL LINES GUARDED OR COVERED PROPERLY, FUEL LINES PROTECTED FROM DAMAGE, FUEL TANK GUARD IN PLACE

ELECTRICAL SYSTEM, CHECK FOR PROPER FUSE SIZE, CORRECT TYPE OF FUSE, BATTERY COVERS IN PLACE, WIRING OF PROPER SIZE, MAIN DISCONNECT WORKING PROPERLY, WIRING BUSHED THROUGH METAL WALLS, WIRING SECURED DOWN, CHECK AUDIBLE WARNING DEVICE WORKING CORRECTLY, CHECK NEUTRAL START SWITCH, ALL BARE ELECTRICAL TERMINALS ARE INSULATED, ALL REQUIRED LIGHTS ARE WORKING, CHECK THAT FUEL LINES ARE SEPARATED FROM ELECTRICAL WIRING

CHECK FOR CORRECT MSHA APPROVAL TAG ON ENGINE, ALL GLASS IN GOOD CONDITION, OPERATIONAL CONTROLS WORKING PROPERLY, SPARK ARRESTER INTACT, MACHINE PARKING BRAKE AND SERVICE BRAKES WORKING PROPERLY, EMERGENCY STOP PANIC BARS CORRECTLY ENGAGE BRAKING SYSTEM AND STOP MACHINE, WITHIN 5 SECONDS OF ENGINE SHUT DOWN (HEAVY DUTY ONLY)

## INSPECTION OF NON-PERMISSIBLE ELECTRICAL EQUIPMENT

<p>FIRE PROTECTION, FIRE EXTINGUISHER FOR DEFECTS 250 LBS. ROCK DUST IF NEEDED, FIRE EXTINGUISHER INSPECTION TAG AND DATED, SELF ACTUATING FIRE SUPPRESSIONS ARE OPERATIVE AND WIRED CORRECTLY TO REMOVE POWER FROM EQUIPMENT OR ENGINE SHUT DOWN, NOZZLES ARE PROTECTED AND PROPER LOCATION, HOSE ARE SECURED AND PROTECTED FROM DAMAGE, GAS BOTTLES OR AIR TANKS ARE NOT EXPENDED OUT.</p>
<p>CABLES AND CONDUITS IN GOOD CONDITION, CABLE ENTRANCE GLANDS PROPERLY INSTALLED, ADDITIONAL INSULATION PROVIDED ON ENTRANCE GLAND IF NEEDED, CABLES ARE ENTERED CORRECTLY, MONITOR AND GROUND CONNECTION ARE SEPARATED, BUSHED WERE PASS THROUGH METAL WALLS</p>
<p>EQUIPMENT GUARDS ARE IN PLACE AND SECURED, OPENINGS IN ELECTRICAL CONTROLLERS PLUGGED OR COVERED, DOORS TO ELECTRICAL CIRCUITS ARE SECURED SHUT, VISUAL WINDOWS IN GOOD CONDITION, ELECTRICAL CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EMERGENCY STOP SWITCHES WORK CORRECTLY, START AND STOP SWITCHES WORK PROPERLY, CHECK EQUIPMENT FOR PROPER OPERATION,</p>
<p>DISCONNECTS ARE IDENTIFIED CORRECTLY, ELECTRICAL PLUG AND RECEPTACLE IDENTIFIED CORRECTLY, RECEPTACLES AND PLUGS IN GOOD CONDITION, CIRCUITS ARE IDENTIFIED, PROVISIONS FOR LOCK OUT OF PLUG AND MACHINE, STRAIN CLAMPS INSTALLED AND WITH ADDITIONAL INSULATION, DUST COVERS FOR RECEPTACLES IN PLACE, GROUND STRAPS ARE HOOKED UP,</p>
<p>POWER CABLE IS HUNG ON INSULATORS, GUARDED WHERE IT CROSSES COMMUNICATION LINES AND HIGH VOLTAGE CABLE, IN GOOD CONDITION</p>
<p>CORRECT PROTECTION PROVIDED, OVERLOAD, SHORT CIRCUIT, GROUND FAULT, UNDER VOLTAGE,</p>
<p>CORRECT INSTANTANEOUS BREAKER SETTING (7 TIMES FLA=LOW 13 TIMES FLA=HIGH) THIS IS FOR POWER CABLES ONLY, 1.25 TIMES FLA= AMPACITES SIZE FOR CABLE</p>
<p>EQUIPMENT FREE OF ACCUMULATIONS, 24" CLEARANCE AROUND ALL SIDES, NO ROOF AND RIB HAZARDS, AREA WELL ROCK DUSTED</p>

2MSHA05407

DATE	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4/5	# 27 ISUZU	need washed	Done	YPS
	# 28 ISUZU	not here		1
4/5	# 29 ISUZU	part brake	005 tugges	YPS
4/5	# 31 ISUZU	weld pad brake	ok	YPS
4/5	# 32 ISUZU	ok	tugges	
4/2	# 36 ISUZU	Broken windshield		YPS
	# 46 ISUZU	junked		
4/5	# 47 ISUZU	OK		
4/5	# 2 ISUZU	OK		
4/5	# 3 ISUZU	garden hose, repaired tail light	Done	
4/5	# 4 ISUZU	OK		
4/4	# 9 ISUZU	part brake	repaired	
4/5	# 11 ISUZU	part brake, pump brake	part brake done	
4/4	# 12 ISUZU	part brake, lights	tagged, lights repair	YPS
4/5	# 1 ISUZU	need work	ok	
4/5	# 44 ISUZU	005 broken	005 tugges	
	# 20 ISUZU	005		
4/4	# 21 ISUZU	garden hose broken	repaired	YPS
	# 22 ISUZU	005	tugges	
4/5	# 23 ISUZU	part brake	tugges	YPS

PERMISSIBILITY MUST BE SIGNED AND DATED

LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S
4/5	1/2" DRILL	OK		YPS
	4 1/2" GRINDER	OK		
	BATTERY CHARGER	OK		

2MSHA05408

PERMISSIBILITY WEEKLY DATE ENDING 4/2/07

2 April 2007

LARRY POWELL JESS GILBERT RYAN MANN ISRAEL PETERSEN

WEEKLY EXAM'S HAVE  
POWER CENTER'S,  
SWITCH GEAR'S  
DISTRIBUTION BOXES  
CAPACITOR BANK

SIGNATURE

4/6/07

2MSHA05409

## INSPECTION OF PERMISSIBLE ELECTRICAL EQUIPMENT

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
CABLE REELS SHEAVES TURN FREELY, SHARPE EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY
CONTROLLERS, MOTORS, EXPLOSION PROOF COMPARTMENTS, FOR EXCESSIVE OPENINGS OF FLAME PATH, DIAMETRICAL CLEARANCE OF SHAFTS, MISSING BOLTS, LOCK WASHERS, FLAT WASHERS, GENERAL CONDITION OF COMPARTMENT
CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED
INTERMACHINE CABLES HAVE NO SPLICES, CONDUITS ARE IN GOOD CONDITION, MARKED FLAME RESISTANCE, PROPERLY CLAMPED ON GLAND, SEPARATE FROM HYD. HOSES, AND PROTECTED FROM DAMAGE
CHECK LIGHTS FOR OPERATION, LIGHTS SECURED DOWN, LIGHT LENS NOT DEFECTIVE, LENS SECURED BY LOCK DEVICE LIGHTS IN GOOD CONDITION
CHECK FOR PROPER OPERATION OF CIRCUIT BREAKERS, OVERLOAD PROTECTION, PROPER OPERATION OF ELECTRICAL CIRCUITS, EMERGENCY STOP CONTROLS, SWITCH OPERATIONS
CHECK FOR PROPER 2G APPROVAL PLATE, X/P TAGS ON EXPLOSION PROOF ENCLOSURES, CAB CERTIFICATION TAG
CHECK FOR PROPER OPERATION OF PARKING BRAKES, SERVICE BRAKE OPERATION
CHECK FOR OIL, COAL, GREASE ACCUMULATIONS ON MACHINE, PROPER GUARDING OF ROTATING PARTS TO PREVENT PERSONAL INJURY
CHECK BATTERY COVERS ARE SECURED, BATTERIES COVERS ARE INSULATED, RECEPTICALS ARE IN GOOD CONDITION, LOCKING DEVICE IS INSTALLED TO PREVENT NIP FROM LOSING, CELL WATER LEVELS ARE CORRECT, CELL CAPS IN PLACE
CHECK FIRE SUPPRESSION FOR PROPER SPRAYS, SPRAY LOCATION, SPRAYS HAVE PROTECTIVE CAPS, (BATTERY BACKUP IS OPERATIONAL) ACTUATION BUTTON NOT SEIZED, CO2 BOTTLES NOT EXPENDED OUT, BOTTLES NOT DAMAGE, GENERAL CONDITION OF SYSTEM, FIRE EXTINGUISHER IN GOOD CONDITION, INSPECTION TAG ATTACHED AND EXTINGUISHER IS MOUNTED SECURELY.

COMMENTS:

2MSHA05410

PERMISSIBILITY MUST BE SIGNED AND DATED

CRANDALL MINE

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4/4/07	SURFACE	# 1 TRANS 600 KVA	checked and OK		LP
4/4/07	XC 6 MAIN NO.	# 2 TRANS 600 KVA 950/480	checked and OK		LP
4/4/07	XC 1 3 <sup>RD</sup> NORTH	# 3 TRANS 225 KVA 480V	checked and all OK		LP
4/4/07	XC 4 MAIN WEST	# 4 TRANS 750 KVA 950/480	checked and OK		LP
4/3/07	XC 40 MAIN WEST	# 5 TRANS 750 KVA 950/480	checked and all OK		LP
4/3/07	XC 69 MAIN WEST	# 19 TRANS 1250 KVA 950/480	Dust cap off on ckt # 5	Replaced	LP
4/4/07	XC 29 MAIN WEST	# 8 TRANS 500 KVA 480	checked and all OK		LP
4/3/07	XC 44 MAIN WEST	# 9 TRANS 750 KVA 480	checked and all OK		LP
4/4/07	XC 3 SHORT BELT MW	# 27 TRANS 600 KVA 480	005		LP
	X/C 14 3 <sup>RD</sup> NORTH	# 16 TRANS 1750 KVA 950/480	005		
4/3/07	XC 102 #5 BELT	1000 KVA #17	checked and OK		LP

NOTE'S

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PERMISSIBILITY MUST BE SIGNED AND DATED  
SOUTH CRANDALL MINE

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4/4/07	SO CRANDALL XC#1	#13 BELT DRIVE TRANS #1BELT	checked and ok		LP
4/4/07	XC 19 1EAST SOUTH CRANDALL	300 KVA #10	checked and ok		LP
4/6/07	SO. CRANDALL BOTTOM OF SLOPE	JOY TRANSFORMER #28	checked and ok		LP
4/6/07	SO. CRANDALL XC 6 MAINS	#21 BELT TRANSFORMER #3BELT	checked and ok		LP
4/6/07	SO CRANDALL XC 12	2 EAST BELT DRIVE 750 KVA #1TR	checked and ok		LP
4/6/07	SO CRANDALL 1 <sup>ST</sup> EAST XC 5	#20 1 <sup>ST</sup> E BELT TRANSFORMER	checked and ok		LP
4/6/07	3 <sup>RD</sup> EAST	7200 BELT DRIVE TRANS 750 KVA	checked and ok		LP
4/4/07	MAIN WEST XC 3 ON SHORT BELT	#27 TRANS. 6 & 7 BELT DRIVE	OOS		LP
4/4/07	3 <sup>RD</sup> NORTH XC 4	#14 TRANS # 2 BILT DRIVR	checked and all ok		LP
4/3/07	SOUTH MAINS X/C 1	#23 TRANS 7200 VOLTS	checked and all ok		LP

NOTE'S \_\_\_\_\_  
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PERMISSIBILITY MUST BE SIGNED AND DATED  
SWITCH GEAR

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4/4/07	XC 4 MAIN WEST	# 2 SWITCH GEAR 7200 VOLT	checked and all OK		LP
4/3/07	XC 40 MAIN WEST	# 3 SWITCH GEAR 7200 VOLT	checked and all OK		LP
4/3/07	XC 88 MAIN WEST	# 4 SWITCH GEAR 7200 VOLT	checked and all OK		LP
4/4/07	XC 24 MAIN WEST	# 7 SWITCH GEAR 7200 VOLT	checked and all OK		LP
4/3/07	XC 69 MAIN WEST	# 8 SWITCH GEAR 7200 VOLT	checked and all OK		LP
4/3/07	XC 40 MAIN WEST	CAPACITOR BANK #1	checked and all OK		LP
4/4/07	XC 6 SOUTH MAIN SOUTH CRANDALL	DUEL 7200V SWITCH GEAR #11 #3DRIVE	checked and all OK		LP
4/4/07	XC 21 SOUTH CRANDALL	#5 DAUL SWICTH 7200	checked and all OK		LP
4/4/07	XC 12 SOUTH CRANDALL	#1 SWITCH GEAR 7200 VOLT	checked and all OK		LP

NOTE'S \_\_\_\_\_  
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PERMISSIBILITY MUST BE SIGNED AND DATED

DISTRIBUTION BOXES

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4/4/07	XC 8 MAIN NORTH	#DIST BOX #11	checked and all <i>OK</i>		LP
4/3/07	XC 40 MAIN WEST	# 8 DIST. BOX	checked and all <i>OK</i>		LP
4/3/07	XC50 MAIN WEST	#5 DIST. BOX	checked and all <i>OK</i>		LP
4/4/07	XC26 MAIN WEST	#10 DIST. BOX	checked and <i>OK</i>		LP
4/6/07	SO CRANDALL BOAR HOLE	#6 DIST- BOX	Tag out OOS	Tag out	LP
4/3/07	3 <sup>RD</sup> NORTH X/C 4	#16 D- BOX	checked and <i>OK</i>		LP
4/3/07	MW X/C 58	#12 D- BOX	checked and <i>OK</i>		LP

NOTE'S \_\_\_\_\_  
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PERMISSIBILITY WEEKLY DATE ENDING 4-7-07

2 April 2007

JAMSON WARD

MAIN WEST SECTION

, 4978 MINER,  
, # 13-8 FLETCHER BOLTER  
CAIBRATE CH 4 WITH 2.5 GAS

Signature

DATE

4-7-07

2MSHA05415

## INSPECTION OF NON-PERMISSIBLE ELECTRICAL EQUIPMENT

FIRE PROTECTION, FIRE EXTINGUISHER FOR DEFECTS 250 LBS. ROCK DUST IF NEEDED, FIRE EXTINGUISHER INSPECTION TAG AND DATED, SELF ACTUATING FIRE SUPPRESSIONS ARE OPERATIVE AND WIRED CORRECTLY TO REMOVE POWER FROM EQUIPMENT OR ENGINE SHUT DOWN, NOZZLES ARE PROTECTED AND PROPER LOCATION, HOSE ARE SECURED AND PROTECTED FROM DAMAGE, GAS BOTTLES OR AIR TANKS ARE NOT EXPENDED OUT.
CABLES AND CONDUITS IN GOOD CONDITION, CABLE ENTRANCE GLANDS PROPERLY INSTALLED, ADDITIONAL INSULATION PROVIDED ON ENTRANCE GLAND IF NEEDED, CABLES ARE ENTERED CORRECTLY, MONITOR AND GROUND CONNECTION ARE SEPARATED, BUSHED WERE PASS THROUGH MEDAL WALLS
EQUIPMENT GUARDS ARE IN PLACE AND SECURED, OPENINGS IN ELECTRICAL CONTROLLERS PLUGGED OR COVERED, DOORS TO ELECTRICAL CIRCUITS ARE SECURED SHUT, VISUAL WINDOWS IN GOOD CONDITION, ELECTRICAL CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EMERGENCY STOP SWITCHES WORK CORRECTLY, START AND STOP SWITCHES WORK PROPERLY, CHECK EQUIPMENT FOR PROPER OPERATION,
DISCONNECTS ARE IDENTIFIED CORRECTLY, ELECTRICAL PLUG AND RECEPTACLE IDENTIFIED CORRECTLY, RECEPTACLES AND PLUGS IN GOOD CONDITION, CIRCUITS ARE IDENTIFIED, PROVISIONS FOR LOCK OUT OF PLUG AND MACHINE, STRAIN CLAMPS INSTALLED AND WITH ADDITIONAL INSULATION, DUST COVERS FOR RECEPTACLES IN PLACE, GROUND STRAPS ARE HOOKED UP,
POWER CABLE IS HUNG ON INSULATORS, GUARDED WHERE IT CROSSES COMMUNICATION LINES AND HIGH VOLTAGE CABLE, IN GOOD CONDITION
CORRECT PROTECTION PROVIDED, OVERLOAD, SHORT CIRCUIT, GROUND FAULT, UNDER VOLTAGE,
CORRECT INSTANTANEOUS BREAKER SETTING (7 TIMES FLA=LOW 13 TIMES FLA=HIGH) THIS IS FOR POWER CABLES ONLY, 1.25 TIMES FLA= AMPACITES SIZE FOR CABLE
EQUIPMENT FREE OF ACCUMULATIONS, 24" CLEARANCE AROUND ALL SIDES, NO ROOF AND RIB HAZARDS, AREA WELL ROCK DUSTED

PERMISSIBILITY MUST BE SIGNED DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-5	MAIN WEST	#3 ROOF BOLTER	Bad light 3 Smashed gland	Replaced	[Signature]
4-4	MAIN WEST	4978 MINER	Bad spot in CABLE	Re entered CABLE	[Signature]
	MAIN WEST				
	MAIN WEST	4978 MINER CAL 2.5 GAS			
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
		JAMSON WARD			

NOTE'S \_\_\_\_\_  
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LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

2MSHA05418

PERMISSIBILITY WEEKLY DATE ENDING 4-7-07

2 April 2007

TIM HARPER  
3<sup>RD</sup> NORTH

4590MINER # 9 ROOFBOLTER  
# 12919 FEEDER BREAKER  
MICROW #6 44 SHUTTLE CAR  
# 45 SHUTTLE CAR TRICKLE DUSTER 550519120032  
488 SECTION SCOOP AND CHARGER HEAT LAMP #6

SIGNED

**Signature**

DATE

4-7-07

2MSHA05419

## INSPECTION OF PERMISSIBLE ELECTRICAL EQUIPMENT

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
CABLE REELS SHEAVES TURN FREELY, SHARPE EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY
CONTROLLERS, MOTORS, EXPLOSION PROOF COMPARTMENTS, FOR EXCESSIVE OPENINGS OF FLAME PATH, DIAMETRICAL CLEARANCE OF SHAFTS, MISSING BOLTS, LOCK WASHERS, FLAT WASHERS, GENERAL CONDITION OF COMPARTMENT
CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED
INTERMACHINE CABLES HAVE NO SPLICES, CONDUITS ARE IN GOOD CONDITION, MARKED FLAME RESISTANCE, PROPERLY CLAMPED ON GLAND, SEPARATE FROM HYD. HOSES, AND PROTECTED FROM DAMAGE
CHECK LIGHTS FOR OPERATION, LIGHTS SECURED DOWN, LIGHT LENS NOT DEFECTIVE, LENS SECURED BY LOCK DEVICE LIGHTS IN GOOD CONDITION
CHECK FOR PROPER OPERATION OF CIRCUIT BREAKERS, OVERLOAD PROTECTION, PROPER OPERATION OF ELECTRICAL CIRCUITS, EMERGENCY STOP CONTROLS, SWITCH OPERATIONS
CHECK FOR PROPER 2G APPROVAL PLATE, X/P TAGS ON EXPLOSION PROOF ENCLOSURES, CAB CERTIFICATION TAG
CHECK FOR PROPER OPERATION OF PARKING BRAKES, SERVICE BRAKE OPERATION
CHECK FOR OIL, COAL, GREASE ACCUMULATIONS ON MACHINE, PROPER GUARDING OF ROTATING PARTS TO PREVENT PERSONAL INJURY
CHECK BATTERY COVERS ARE SECURED, BATTERIES COVERS ARE INSULATED, RECEPTICALS ARE IN GOOD CONDITION, LOCKING DEVICE IS INSTALLED TO PREVENT NIP FROM LOSING, CELL WATER LEVELS ARE CORRECT, CELL CAPS IN PLACE
CHECK FIRE SUPPRESSION FOR PROPER SPRAYS, SPRAY LOCATION, SPRAYS HAVE PROTECTIVE CAPS, (BATTERY BACKUP IS OPERATIONAL) ACTUATION BUTTON NOT SEIZED, CO2 BOTTLES NOT EXPENDED OUT, BOTTLES NOT DAMAGE, GENERAL CONDITION OF SYSTEM, FIRE EXTINGUISHER IN GOOD CONDITION, INSPECTION TAG ATTACHED AND EXTINGUISHER IS MOUNTED SECURELY.

COMMENTS:

2MSHA05420

## INSPECTION OF NON-PERMISSIBLE ELECTRICAL EQUIPMENT

<p>FIRE PROTECTION, FIRE EXTINGUISHER FOR DEFECTS 250 LBS. ROCK DUST IF NEEDED, FIRE EXTINGUISHER INSPECTION TAG AND DATED, SELF ACTUATING FIRE SUPPRESSIONS ARE OPERATIVE AND WIRED CORRECTLY TO REMOVE POWER FROM EQUIPMENT OR ENGINE SHUT DOWN, NOZZLES ARE PROTECTED AND PROPER LOCATION, HOSE ARE SECURED AND PROTECTED FROM DAMAGE, GAS BOTTLES OR AIR TANKS ARE NOT EXPENDED OUT.</p>
<p>CABLES AND CONDUITS IN GOOD CONDITION, CABLE ENTRANCE GLANDS PROPERLY INSTALLED, ADDITIONAL INSULATION PROVIDED ON ENTRANCE GLAND IF NEEDED, CABLES ARE ENTERED CORRECTLY, MONITOR AND GROUND CONNECTION ARE SEPARATED, BUSHED WERE PASS THROUGH MEDAL WALLS</p>
<p>EQUIPMENT GUARDS ARE IN PLACE AND SECURED, OPENINGS IN ELECTRICAL CONTROLLERS PLUGGED OR COVERED, DOORS TO ELECTRICAL CIRCUITS ARE SECURED SHUT, VISUAL WINDOWS IN GOOD CONDITION, ELECTRICAL CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EMERGENCY STOP SWITCHES WORK CORRECTLY, START AND STOP SWITCHES WORK PROPERLY, CHECK EQUIPMENT FOR PROPER OPERATION,</p>
<p>DISCONNECTS ARE IDENTIFIED CORRECTLY, ELECTRICAL PLUG AND RECEPTACLE IDENTIFIED CORRECTLY, RECEPTACLES AND PLUGS IN GOOD CONDITION, CIRCUITS ARE IDENTIFIED, PROVISIONS FOR LOCK OUT OF PLUG AND MACHINE, STRAIN CLAMPS INSTALLED AND WITH ADDITIONAL INSULATION, DUST COVERS FOR RECEPTACLES IN PLACE, GROUND STRAPS ARE HOOKED UP,</p>
<p>POWER CABLE IS HUNG ON INSULATORS, GUARDED WHERE IT CROSSES COMMUNICATION LINES AND HIGH VOLTAGE CABLE, IN GOOD CONDITION</p>
<p>CORRECT PROTECTION PROVIDED, OVERLOAD, SHORT CIRCUIT, GROUND FAULT, UNDER VOLTAGE,</p>
<p>CORRECT INSTANTANEOUS BREAKER SETTING (7 TIMES FLA=LOW 13 TIMES FLA=HIGH) THIS IS FOR POWER CABLES ONLY, 1.25 TIMES FLA= AMPACITES SIZE FOR CABLE</p>
<p>EQUIPMENT FREE OF ACCUMULATIONS, 24" CLEARANCE AROUND ALL SIDES, NO ROOF AND RIB HAZARDS, AREA WELL ROCK DUSTED</p>

PERMISSIBILITY MUST BE SIGNED DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-5	3 <sup>RD</sup> NORTH	4590 MINER	Accumulations and worn splices	Washdown and Re-tape splices	EP
4-5	3 <sup>RD</sup> NORTH	#9 ROOF BOLTER	worn splices	Re-tape splices	EP
4-4	3 <sup>RD</sup> NORTH	#29 TRANSFORMER	condition is good	checked breakers, fire protection, wires	EP
4-5	3 <sup>RD</sup> NORTH	FEEDER BREAKER 12191	condition is good	checked fire protection, cable, re-stop, glands	EP
4-4	3 <sup>RD</sup> NORTH	MICROWAVE 5	condition is good	checked cord, Brass tag, breaker, enclosure	EP
4-5	3 <sup>RD</sup> NORTH	44 shuttle car	condition is good	checked flame paths, packing glands, fire suppression	EP
4-5	3 <sup>RD</sup> NORTH	#45 shuttle car	condition is good	checked fire suppression, flame paths	EP
4-4	3 <sup>RD</sup> NORTH	TRICKLE DUSTER SC898	condition is good	checked fire protection, flame paths, guards	EP
4-6	3 <sup>RD</sup> NORTH	488 SECTION SCOOP #	Missing Battery Lid locks device	Repair	EP
4-4	3 <sup>RD</sup> NORTH	& CHARGER #11	condition is good	checked fire protection, cables, wires	EP
4-5	3 <sup>RD</sup> NORTH	#3 welder	condition is good	checked cables, ground, enclosure	EP
4-4	3 <sup>RD</sup> NORTH	HEAT LAMP #7	good	checked elements, cable, breaker, glands	EP
	3 <sup>RD</sup> NORTH				
	3 <sup>RD</sup> NORTH	4590 MINER	METHANE MONITOR CALIBRATED 2.5% GAS monthly		

NOTE'S \_\_\_\_\_

LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

2MSHA05422

PERMISSIBILITY WEEKLY DATE ENDING 4-7-07

2 April 2007

RUSS LARSON

ALL CAP LAMP'S AND CHARGER'S

SIGNED

**Signature**

DATE

4-2-07

2MSHA05423

## INSPECTION OF PERMISSIBLE ELECTRICAL EQUIPMENT

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
CABLE REELS SHEAVES TURN FREELY, SHARPE EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY
CONTROLLERS, MOTORS, EXPLOSION PROOF COMPARTMENTS, FOR EXCESSIVE OPENINGS OF FLAME PATH, DIAMETRICAL CLEARANCE OF SHAFTS, MISSING BOLTS, LOCK WASHERS, FLAT WASHERS, GENERAL CONDITION OF COMPARTMENT
CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED
INTERMACHINE CABLES HAVE NO SPLICES, CONDUITS ARE IN GOOD CONDITION, MARKED FLAME RESISTANCE, PROPERLY CLAMPED ON GLAND, SEPARATE FROM HYD. HOSES, AND PROTECTED FROM DAMAGE
CHECK LIGHTS FOR OPERATION, LIGHTS SECURED DOWN, LIGHT LENS NOT DEFECTIVE, LENS SECURED BY LOCK DEVICE LIGHTS IN GOOD CONDITION
CHECK FOR PROPER OPERATION OF CIRCUIT BREAKERS, OVERLOAD PROTECTION, PROPER OPERATION OF ELECTRICAL CIRCUITS, EMERGENCY STOP CONTROLS, SWITCH OPERATIONS
CHECK FOR PROPER 2G APPROVAL PLATE, X/P TAGS ON EXPLOSION PROOF ENCLOSURES, CAB CERTIFICATION TAG
CHECK FOR PROPER OPERATION OF PARKING BRAKES, SERVICE BRAKE OPERATION
CHECK FOR OIL, COAL, GREASE ACCUMULATIONS ON MACHINE, PROPER GUARDING OF ROTATING PARTS TO PREVENT PERSONAL INJURY
CHECK BATTERY COVERS ARE SECURED, BATTERIES COVERS ARE INSULATED, RECEPTICALS ARE IN GOOD CONDITION, LOCKING DEVICE IS INSTALLED TO PREVENT NIP FROM LOSING, CELL WATER LEVELS ARE CORRECT, CELL CAPS IN PLACE
CHECK FIRE SUPPRESSION FOR PROPER SPRAYS, SPRAY LOCATION, SPRAYS HAVE PROTECTIVE CAPS, (BATTERY BACKUP IS OPERATIONAL) ACTUATION BUTTON NOT SEIZED, CO2 BOTTLES NOT EXPENDED OUT, BOTTLES NOT DAMAGE, GENERAL CONDITION OF SYSTEM, FIRE EXTINGUISHER IN GOOD CONDITION, INSPECTION TAG ATTACHED AND EXTINGUISHER IS MOUNTED SECURELY.

COMMENTS:

2MSHA05424

APR  
2007

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	EQUIPMENT CHARGERS ABOVE SHOP	CONDITION	ACTION TAKEN	INITIAL'S		
2	# 1 CAP LAMP & CHARGER	OK		AC		
1	# 2 CAP LAMP & CHARGER	OK				
1	# 3 CAP LAMP & CHARGER					
2	# 4 CAP LAMP & CHARGER		OK			
<del>2</del>	<del># 5 CAP LAMP &amp; CHARGER</del>		<del>OK</del>			
2	# 6 CAP LAMP & CHARGER		OK			
2	# 7 CAP LAMP & CHARGER		OK			
<del>2</del>	<del># 8 CAP LAMP &amp; CHARGER</del>		<del>OK</del>			
2	# 9 CAP LAMP & CHARGER		OK			
2	# 10 CAP LAMP & CHARGER		OK			
2	# 11 CAP LAMP & CHARGER					
1	# 12 CAP LAMP & CHARGER					
	# 13 CAP LAMP & CHARGER					
	# 14 CAP LAMP & CHARGER					
	# 15 CAP LAMP & CHARGER					
	# 16 CAP LAMP & CHARGER					
	# 17 CAP LAMP & CHARGER					
	# 18 CAP LAMP & CHARGER					
	# 19 CAP LAMP & CHARGER					
12	# 20 CAP LAMP & CHARGER					
2	# 21 CAP LAMP & CHARGER				OK	
<del>2</del>	<del># 22 CAP LAMP &amp; CHARGER</del>				<del>OK</del>	
2	# 23 CAP LAMP & CHARGER				OK	
1	# 24 CAP LAMP & CHARGER				OK	
	# 25 CAP LAMP & CHARGER					
	# 26 CAP LAMP & CHARGER					
	# 27 CAP LAMP & CHARGER					
	# 28 CAP LAMP & CHARGER					
	# 29 CAP LAMP & CHARGER					
2	# 30 CAP LAMP & CHARGER					OK

APR  
2007

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
2	# 31 CAP LAMP & CHARGER	Q		R
1	# 32 CAP LAMP & CHARGER			
1	# 33 CAP LAMP & CHARGER			
2	# 34 CAP LAMP & CHARGER			
2	# 35 CAP LAMP & CHARGER	Q		
	<del># 36 CAP LAMP &amp; CHARGER</del>	005		
2	# 37 CAP LAMP & CHARGER	Q		
	# 38 CAP LAMP & CHARGER			
	# 39 CAP LAMP & CHARGER			
	# 40 CAP LAMP & CHARGER			
	# 41 CAP LAMP & CHARGER			
	# 42 CAP LAMP & CHARGER			
	# 43 CAP LAMP & CHARGER			
	# 44 CAP LAMP & CHARGER			
	# 45 CAP LAMP & CHARGER			
	# 46 CAP LAMP & CHARGER			
	# 47 CAP LAMP & CHARGER			
	# 48 CAP LAMP & CHARGER			
2	# 49 CAP LAMP & CHARGER	Q		
	<del># 50 CAP LAMP &amp; CHARGER</del>	005		
2	# 51 CAP LAMP & CHARGER	Q		
2	# 52 CAP LAMP & CHARGER	Q		
	<del># 53 CAP LAMP &amp; CHARGER</del>	005		
2	# 54 CAP LAMP & CHARGER	Q		
2	# 55 CAP LAMP & CHARGER	Q		
2	# 56 CAP LAMP & CHARGER	Q		

NOTE'S

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2007

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
2	# 57 CAP LAMP & CHARGER	OK		PL
2	# 58 CAP LAMP & CHARGER	OK		
	<del># 59 CAP LAMP &amp; CHARGER</del>	<del>OK</del>		
2	# 60 CAP LAMP & CHARGER	OK		PL
2	# 61 CAP LAMP & CHARGER			
	# 62 CAP LAMP & CHARGER			
	# 63 CAP LAMP & CHARGER			
	# 64 CAP LAMP & CHARGER			
	# 65 CAP LAMP & CHARGER			
2	# 66 CAP LAMP & CHARGER			
	# 67 CAP LAMP & CHARGER			
	# 68 CAP LAMP & CHARGER	OK		
	# 69 CAP LAMP & CHARGER	PTO sides cut off	Red tagged	
	# 70 CAP LAMP & CHARGER	PTO sides cut off	Red tagged	
2	# 71 CAP LAMP & CHARGER	OK		
2	# 72 CAP LAMP & CHARGER			
2	# 73 CAP LAMP & CHARGER			
	# 74 CAP LAMP & CHARGER			
	# 75 CAP LAMP & CHARGER			
	# 76 CAP LAMP & CHARGER			
	# 77 CAP LAMP & CHARGER			
	# 78 CAP LAMP & CHARGER			
	# 79 CAP LAMP & CHARGER			
2	# 80 CAP LAMP & CHARGER			
2	# 81 CAP LAMP & CHARGER			
2	# 82 CAP LAMP & CHARGER	OK		PL

NOTE'S

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APR  
2007

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
21	# 83 CAP LAMP & CHARGER	OK		RC
	# 84 CAP LAMP & CHARGER			
	# 85 CAP LAMP & CHARGER			
	# 86 CAP LAMP & CHARGER			
	# 87 CAP LAMP & CHARGER			
	# 88 CAP LAMP & CHARGER			
	# 89 CAP LAMP & CHARGER			
21	# 90 CAP LAMP & CHARGER			
2	# 91 CAP LAMP & CHARGER			
2	# 92 CAP LAMP & CHARGER	OK		
	# 93 CAP LAMP & CHARGER	OK		
2	# 94 CAP LAMP & CHARGER	OK		
	# 95 CAP LAMP & CHARGER			
	# 96 CAP LAMP & CHARGER			
	# 97 CAP LAMP & CHARGER			
	# 98 CAP LAMP & CHARGER			
	# 99 CAP LAMP & CHARGER			
	# 100 CAP LAMP & CHARGER			
	# 101CAP LAMP & CHARGER			
	# 102CAP LAMP & CHARGER			
	# 103CAP LAMP & CHARGER			
	# 104CAP LAMP & CHARGER			
	# 105CAP LAMP & CHARGER			
	# 106CAP LAMP & CHARGER			
	# 107CAP LAMP & CHARGER			
2	# 108CAP LAMP & CHARGER	OK		RC

NOTE'S

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PERMISSIBILITY WEEKLY DATE ENDING 4-7-07

MAIN WEST SECTION  
JASON FURRH  
#13269 FEEDER BREAKER  
12-6SC 12-8 SC 12-9 S/C 12-11 S/C  
#5,6 MRS'S

SIGNATURE **Signature** 4-2-07

2MSHA05430

PERMISSABILITY MUST BE SIGNED AND DATED

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
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CHECK FOR PROPER OPERATION OF PARKING BRAKES, SERVICE BRAKE OPERATION
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COMMENTS:

2MSHA05431

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4/2	MAIN WEST	FEEDER BREAKER 13269	ACCUMULATION COAL / GREASE	WASHED CLEANED	J
4/2	MAIN WEST	12-6 SC	O.O.S.	O.O.S.	J
4/2	MAIN WEST	12-8 SC	CONDUIT FOR CONVEYOR MOTOR CAME OUT OF GROUND	RE-ENTERED CONDUIT IN GROUND	J
4/2	MAIN WEST	12-11 SC	INST. SET TOO HIGH	SET TO NORMAL	J
4/2	MAIN WEST	12-9 S/C	OOS DBT	O.O.S.	J
4/2	MAIN WEST	#5 MRS	O.O.S.	O.O.S.	J
4/2	MAIN WEST	#6 MRS	O.O.S.	O.O.S.	J
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
		JASON FURR			

NOTE'S \_\_\_\_\_

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LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

PERMISSIBILITY WEEKLY DATE ENDING 4/7

MAIN WEST SECTION

DARWON STANFEILD

SECTION TRANS #30 HEAT LAMP #6

MICROWAVE #6 151958 SCOOP & CHARGER

SIGNATURE **Signature** DATE 4-7-07

2MSHA05433

## INSPECTION OF PERMISSIBLE ELECTRICAL EQUIPMENT

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DEISEL

2MSHA05434

## INSPECTION OF NON-PERMISSIBLE ELECTRICAL EQUIPMENT

FIRE PROTECTION, FIRE EXTINGUISHER FOR DEFECTS 250 LBS. ROCK DUST IF NEEDED, FIRE EXTINGUISHER INSPECTION TAG AND DATED, SELF ACTUATING FIRE SUPPRESSIONS ARE OPERATIVE AND WIRED CORRECTLY TO REMOVE POWER FROM EQUIPMENT OR ENGINE SHUT DOWN, NOZZLES ARE PROTECTED AND PROPER LOCATION, HOSE ARE SECURED AND PROTECTED FROM DAMAGE, GAS BOTTLES OR AIR TANKS ARE NOT EXPENDED OUT.

CABLES AND CONDUITS IN GOOD CONDITION, CABLE ENTRANCE GLANDS PROPERLY INSTALLED, ADDITIONAL INSULATION PROVIDED ON ENTRANCE GLAND IF NEEDED, CABLES ARE ENTERED CORRECTLY, MONITOR AND GROUND CONNECTION ARE SEPARATED, BUSHED WERE PASS THROUGH MEDAL WALLS

EQUIPMENT GUARDS ARE IN PLACE AND SECURED, OPENINGS IN ELECTRICAL CONTROLLERS PLUGGED OR COVERED, DOORS TO ELECTRICAL CIRCUITS ARE SECURED SHUT, VISUAL WINDOWS IN GOOD CONDITION, ELECTRICAL CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EMERGENCY STOP SWITCHES WORK CORRECTLY, START AND STOP SWITCHES WORK PROPERLY, CHECK EQUIPMENT FOR PROPER OPERATION,

DISCONNECTS ARE IDENTIFIED CORRECTLY, ELECTRICAL PLUG AND RECEPTACLE IDENTIFIED CORRECTLY, RECEPTACLES AND PLUGS IN GOOD CONDITION, CIRCUITS ARE IDENTIFIED, PROVISIONS FOR LOCK OUT OF PLUG AND MACHINE, STRAIN CLAMPS INSTALLED AND WITH ADDITIONAL INSULATION, DUST COVERS FOR RECEPTACLES IN PLACE, GROUND STRAPS ARE HOOKED UP,

POWER CABLE IS HUNG ON INSULATORS, GUARDED WHERE IT CROSSES COMMUNICATION LINES AND HIGH VOLTAGE CABLE, IN GOOD CONDITION

CORRECT PROTECTION PROVIDED, OVERLOAD, SHORT CIRCUIT, GROUND FAULT, UNDER VOLTAGE,

CORRECT INSTANTANEOUS BREAKER SETTING (7 TIMES FLA=LOW 13 TIMES FLA=HIGH)  
THIS IS FOR POWER CABLES ONLY, 1.25 TIMES FLA= AMPACITES SIZE FOR CABLE

EQUIPMENT FREE OF ACCUMULATIONS, 24" CLEARANCE AROUND ALL SIDES, NO ROOF AND RIB HAZARDS, AREA WELL ROCK DUSTED

2MSHA05435



WEEKLY DATE ENDING 4-7-07

2 April 2007

TIM HARPER

SOUTH CRANDALE 3<sup>RD</sup> EAST

SO. CRANDALL & CRANDALL PHONES, D-BOXES, WELDERS,  
HEAT TAPE BELT SCALES PED SYSTEM PRESSURE WASHER

# 4 STAMLER FEEDER

SECTION TRANS, KITCHEN LIGHT & MICROOWAVE

CAR, CHARGER TRICKLE DUSTER

UNTRACK & CHARGERS

BOTH BELT KITCHEN'S, DUSTER @ XC 3 M.W.

TRICKLE DUSTER XC 8 M. N.

**Signature**

SIGN

DATE

4-7-07

2MSHA05437

<p>FIRE PROTECTION, FIRE EXTINGUISHER FOR DEFECTS 250 LBS. ROCK DUST IF NEEDED, FIRE EXTINGUISHER INSPECTION TAG AND DATED, SELF ACTUATING FIRE SUPPRESSIONS ARE OPERATIVE AND WIRED CORRECTLY TO REMOVE POWER FROM EQUIPMENT OR ENGINE SHUT DOWN, NOZZLES ARE PROTECTED AND PROPER LOCATION, HOSE ARE SECURED AND PROTECTED FROM DAMAGE, GAS BOTTLES OR AIR TANKS ARE NOT EXPENDED OUT.</p>
<p>CABLES AND CONDUITS IN GOOD CONDITION, CABLE ENTRANCE GLANDS PROPERLY INSTALLED, ADDITIONAL INSULATION PROVIDED ON ENTRANCE GLAND IF NEEDED, CABLES ARE ENTERED CORRECTLY, MONITOR AND GROUND CONNECTION ARE SEPARATED, BUSHED WERE PASS THROUGH MEDAL WALLS</p>
<p>EQUIPMENT GUARDS ARE IN PLACE AND SECURED, OPENINGS IN ELECTRICAL CONTROLLERS PLUGGED OR COVERED, DOORS TO ELECTRICAL CIRCUITS ARE SECURED SHUT, VISUAL WINDOWS IN GOOD CONDITION, ELECTRICAL CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EMERGENCY STOP SWITCHES WORK CORRECTLY, START AND STOP SWITCHES WORK PROPERLY, CHECK EQUIPMENT FOR PROPER OPERATION,</p>
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<p>POWER CABLE IS HUNG ON INSULATORS, GUARDED WHERE IT CROSSES COMMUNICATION LINES AND HIGH VOLTAGE CABLE, IN GOOD CONDITION</p>
<p>CORRECT PROTECTION PROVIDED, OVERLOAD, SHORT CIRCUIT, GROUND FAULT, UNDER VOLTAGE,</p>
<p>CORRECT INSTANTANEOUS BREAKER SETTING (7 TIMES FLA=LOW 13 TIMES FLA=HIGH) THIS IS FOR POWER CABLES ONLY, 1.25 TIMES FLA= AMPACITES SIZE FOR CABLE</p>
<p>EQUIPMENT FREE OF ACCUMULATIONS, 24" CLEARANCE AROUND ALL SIDES, NO ROOF AND RIB HAZARDS, AREA WELL ROCK DUSTED</p>

PERMISSIBILITY

2MSHA05438

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
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COMMENTS:

INSPECTION OF NON-PERMISSIBLE ELECTRICAL EQUIPMENT

2MSHA05439



DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
	GEN. MINE				
4-3	GEN. MINE	MILLER WELDER #353049	condition is good	Checked cable glands, NIP, Brass tag enclosure	GP
4-4	1 <sup>ST</sup> EAST XC-13	#19 D-BOX	condition is good	Checked fire protection, breakers, strainclamp, glands	GP
4-4	SO. CRANDALL	PHONE SYSTEM	good	tested OK	GP
4-4	SO. CRANDALL #1 BELT	110 VOLT HEAT TAPE	condition is good	checked cable, heat tape, enclosure	GP
4-4	SOUTH CRANDALL	D BOXES FOR CHARGER #002	condition is good	Checked fire protection, cables, enclosure, breakers, glands	GP
4-4	GEN MINE	#3 WELDER	OOS	OOS	GP
4-3	GEN. MINE	MINE PHONES	good	tested OK	GP
4-4	X-C 5 MAIN NORTH	BELT SCALES	condition is good	checked fire protection, cables, enclosure, glands	GP
4-3	X-C 44 MAIN WEST	PED SYSTEM	condition is good	checked cables enclosure, fire protection	GP
4-3	X-C 49 MAIN WEST	ELECTRIC PRESSURE WASHER	ADX bottle is needing a recharge	Replaced with new ADX bottle	GP

NOTES:

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PERMISSIBILITY MUST BE SIGNED DATED

2MSHA05441

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
	GEN MINE				
4-4	So. MAINS SO. CRANDALL	#1 UNITRAC	condition is good	checked flame paths, fire suppressor, lights, e-stop, glands	GH
4-4	SO. MAINS SO. CRANDALL	UNITRAC CHARGER#1	condition is good	checked fire protection, cables, glands enclosure, breaker	GH
4-3	XC 7 MAIN WEST	HEAT LAMP # 4 0204002588 MICROWAVE	condition is good	checked breaker, cable, elements, glands, enclosure	GH
4-4	XC 8 MAIN NORTH	TRICKLE DUSTER # 2	condition is good	checked fire protection, cables, breaker, guards	GH
4-4	GEN. MINE	#2 UNITRAC	oil Accumulation under covers	Tagged out	GH
4-3	GEN. MINE	#2 UNITRAC CHARGER	condition is good	checked fire protection, cables, n/w, glands, enclosure	GH
4-3	XC 89 MAIN SO #1 BELT	TRICKLE DUSTER # 4	condition is good	checked fire protection, guards, cable, flame paths	GH
4-4	XC 14 SC MAIN	TRICKLE DUSTER # 3	OOS	OOS	GH
4-3	XC 34 MAIN NORTH	TRICKLE DUSTER # 1	condition is good	checked flame paths, glands, guards, fire protection	GH
4-4	GEN MINE	BOOM TRUCK	condition is good	checked lights, cables, hoses, fire suppression, brakes	GH
4-4	SOUTH CRANDALL	BATTERY CHARGER & DUSTER	OOS	OOS	GH
4-3	XC 30 Main West	Battery duster	condition is good	checked flame paths, glands, fire suppression	GH
4-3	Main west	Belt winder	OOS	OOS	GH
4-3	Main west	1058 636 Scoop	condition is good	checked flame paths, bell, e-stop, fire suppression	GH
4-3	Main west	1058 charger	good	checked fire protection, cables, n/w	GH

LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

NOTE'S

2MSHA05442

PERMISSIBILITY WEEKLY DATE ENDING 4-7

2 April 2007

NICK MILLS

# 5 & 7 848 BATTERY CAR'S  
BELT PORTAL DUSTER  
BELT PORTAL MAGNET'S & CONTROLLER'S  
MAIN LINE TRICKLE DUSTER'S  
, DIESEL GENERATOR BATTERY BOSTER #1  
SOUTH CRANDALL PUMPS  
ALL CRANDALL MINE BELTS & TAKE- UPS  
BELT BRAKES

**Signature**

SIGNATURE

DATE

4-2-07

2MSHA05443

## INSPECTION OF NON-PERMISSIBLE ELECTRICAL EQUIPMENT

<p>FIRE PROTECTION, FIRE EXTINGUISHER FOR DEFECTS 250 LBS. ROCK DUST IF NEEDED, FIRE EXTINGUISHER INSPECTION TAG AND DATED, SELF ACTUATING FIRE SUPPRESSIONS ARE OPERATIVE AND WIRED CORRECTLY TO REMOVE POWER FROM EQUIPMENT OR ENGINE SHUT DOWN, NOZZLES ARE PROTECTED AND PROPER LOCATION, HOSE ARE SECURED AND PROTECTED FROM DAMAGE, GAS BOTTLES OR AIR TANKS ARE NOT EXPENDED OUT.</p>
<p>CABLES AND CONDUITS IN GOOD CONDITION, CABLE ENTRANCE GLANDS PROPERLY INSTALLED, ADDITIONAL INSULATION PROVIDED ON ENTRANCE GLAND IF NEEDED, CABLES ARE ENTERED CORRECTLY, MONITOR AND GROUND CONNECTION ARE SEPARATED, BUSHED WERE PASS THROUGH MEDAL WALLS</p>
<p>EQUIPMENT GUARDS ARE IN PLACE AND SECURED, OPENINGS IN ELECTRICAL CONTROLLERS PLUGGED OR COVERED, DOORS TO ELECTRICAL CIRCUITS ARE SECURED SHUT, VISUAL WINDOWS IN GOOD CONDITION, ELECTRICAL CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EMERGENCY STOP SWITCHES WORK CORRECTLY, START AND STOP SWITCHES WORK PROPERLY, CHECK EQUIPMENT FOR PROPER OPERATION,</p>
<p>DISCONNECTS ARE IDENTIFIED CORRECTLY, ELECTRICAL PLUG AND RECEPTACLE IDENTIFIED CORRECTLY, RECEPTACLES AND PLUGS IN GOOD CONDITION, CIRCUITS ARE IDENTIFIED, PROVISIONS FOR LOCK OUT OF PLUG AND MACHINE, STRAIN CLAMPS INSTALLED AND WITH ADDITIONAL INSULATION, DUST COVERS FOR RECEPTACLES IN PLACE, GROUND STRAPS ARE HOOKED UP,</p>
<p>POWER CABLE IS HUNG ON INSULATORS, GUARDED WHERE IT CROSSES COMMUNICATION LINES AND HIGH VOLTAGE CABLE, IN GOOD CONDITION</p>
<p>CORRECT PROTECTION PROVIDED, OVERLOAD, SHORT CIRCUIT, GROUND FAULT, UNDER VOLTAGE,</p>
<p>CORRECT INSTANTANEOUS BREAKER SETTING (7 TIMES FLA=LOW 13 TIMES FLA=HIGH) THIS IS FOR POWER CABLES ONLY, 1.25 TIMES FLA= AMPACITES SIZE FOR CABLE</p>
<p>EQUIPMENT FREE OF ACCUMULATIONS, 24" CLEARANCE AROUND ALL SIDES, NO ROOF AND RIB HAZARDS, AREA WELL ROCK DUSTED</p>

## INSPECTION OF PERMISSIBLE ELECTRICAL EQUIPMENT

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
CABLE REELS SHEAVES TURN FREELY, SHARPE EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY
CONTROLLERS, MOTORS, EXPLOSION PROOF COMPARTMENTS, FOR EXCESSIVE OPENINGS OF FLAME PATH, DIAMETRICAL CLEARANCE OF SHAFTS, MISSING BOLTS, LOCK WASHERS, FLAT WASHERS, GENERAL CONDITION OF COMPARTMENT
CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED
INTERMACHINE CABLES HAVE NO SPLICES, CONDUITS ARE IN GOOD CONDITION, MARKED FLAME RESISTANCE, PROPERLY CLAMPED ON GLAND, SEPARATE FROM HYD. HOSES, AND PROTECTED FROM DAMAGE
CHECK LIGHTS FOR OPERATION, LIGHTS SECURED DOWN, LIGHT LENS NOT DEFECTIVE, LENS SECURED BY LOCK DEVICE LIGHTS IN GOOD CONDITION
CHECK FOR PROPER OPERATION OF CIRCUIT BREAKERS, OVERLOAD PROTECTION, PROPER OPERATION OF ELECTRICAL CIRCUITS, EMERGENCY STOP CONTROLS, SWITCH OPERATIONS
CHECK FOR PROPER 2G APPROVAL PLATE, X/P TAGS ON EXPLOSION PROOF ENCLOSURES, CAB CERTIFICATION TAG
CHECK FOR PROPER OPERATION OF PARKING BRAKES, SERVICE BRAKE OPERATION
CHECK FOR OIL, COAL, GREASE ACCUMULATIONS ON MACHINE, PROPER GUARDING OF ROTATING PARTS TO PREVENT PERSONAL INJURY
CHECK BATTERY COVERS ARE SECURED, BATTERIES COVERS ARE INSULATED, RECEPTICALS ARE IN GOOD CONDITION, LOCKING DEVICE IS INSTALLED TO PREVENT NIP FROM LOSING, CELL WATER LEVELS ARE CORRECT, CELL CAPS IN PLACE
CHECK FIRE SUPPRESSION FOR PROPER SPRAYS, SPRAY LOCATION, SPRAYS HAVE PROTECTIVE CAPS, (BATTERY BACKUP IS OPERATIONAL) ACTUATION BUTTON NOT SEIZED, CO2 BOTTLES NOT EXPENDED OUT, BOTTLES NOT DAMAGE, GENERAL CONDITION OF SYSTEM, FIRE EXTINGUISHER IN GOOD CONDITION, INSPECTION TAG ATTACHED AND EXTINGUISHER IS MOUNTED SECURELY.

COMMENTS:

2MSHA05445



PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-2-07	BELT PORTAL	TRICKLE DUSTER#ST4471	accumulations	washed	NM
4-2-07	BELT PORTAL	CONTROL BOXES, E.T.C.	dirt	dusted off	NM
4-2-07	BELT PORTAL	MAGNET # 1 HEAD ROLLER	all ok at time of inspection	checked all	NM
4-2-07	GEN. MINE	DIESEL GENERATOR	gone	checked property	NM

NOTE'S \_\_\_\_\_  
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NOTE'S

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**PERMISSIBILITY MUST BE SIGNED AND DATED**

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-2-07	2 <sup>nd</sup> EAST BELT HEAD ROLLER	10HP PUMP SC #P24	Pump Gone	checked area	NM
4-2-07	#3 BELT XC 7	10 HP STAMCOR #P5	all ok at time of insp	checked all ok	NM
4-2-07	3 <sup>rd</sup> EAST XC 23	5 HP PUMP #P7	all ok at time of insp	checked all ok	NM
4-2-07	1 <sup>st</sup> EAST XC19	5 HP PUMP #P6	OOS	checked tags	NM
4-2-07	2 <sup>nd</sup> EAST BELT	5 HP PUMP #P25	OOS	check tags	NM
4-2-07	3 <sup>rd</sup> EAST XC 24	15 HP PUMP # P4	Pump Gone	checked area	NM
4-2-07	3 <sup>rd</sup> EAST XC 24	5 HP PUMP #P23	all ok at time of inspection	checked all ok	NM
4-2-07	3 <sup>rd</sup> EAST XC 7	#18 2CIRCUIT D-BOX	all ok at time of inspection	checked all	NM
4-2-07	3 <sup>rd</sup> EAST XC 19	#13 2CIRCUIT D-BOX	Bad Ground on unit CR2	Reported	NM
4-2-07	1 <sup>st</sup> EAST	BREKLY #3 AND CONTROLLER SOUTH CRANDALE	all ok at time of insp	checked all	NM

NOTE'S

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**LIST ALL ELECTRICAL HAND TOOL'S**

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-2-07	#1 BELT PORTAL	6.4 PUMP SC #P1	OOS	checked Lock & Tag	NM
4-2-07	#1 BELT OVERCAST	10HP PUMP SC #P2	all ok at time of inspection	checked All	NM
4-2-07	XC 22 main so	5 HP PUMP #15 SO. CRANDALL	OOS	check Tags	NM
4-2-07	SO. CRANDALL ROCK ROOMS	6.4 KW STANCOR PUMP SC #P12	all ok at time of inspection	checked All	NM
4-2-07	SO. CRANDALL	LEE NORIS ROOF BOLTER	OOS	checked Tags	NM
4-2-07	SC INTAKE BOTTOM OF SLOPE	5HP SC #P3 / P4	all ok at time of inspection	checked all	NM
4-2-07	1 <sup>st</sup> EAST XC18	5 HP SC #P8	OOS all ok at time of inspection	checked all	NM
4-2-07	SC NORTH RETURN FACE	5HP #P9	OOS all ok at time of insp	checked all OK	NM
4-2-07	SOUTH MAIN XC 1	5.4 KW SC #P10	OOS pump gone	checked area	NM
4-2-07	XC 2 #4 BELT	5HP #P11	OOS	checked Tags	NM
4-2-07	BORE HOLE	5HP SC #P5-13	OOS	checked Tags	NM
4-2-07	XC 24 SO. CRANDALL SO. MAIN	10HP SC #P14	OOS	checked Tags	NM
4-2-07	2ND EAST INTAKE	5HP PUMP SC #P19	Pump gone	Reported	NM
4-2-07	3RD EAST BELT DRIVE	6.4 KW STANCOR PUMP SC #P21	OOS	checked Tags	NM
4-2-07		5HP SC #P4	wrong pump #	change on permiss	NM
4-2-07	1st east seal	1.6HP Pump P19	all ok at time of insp	checked all	NM

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-2-07	#1 BELT DRIVE	3.6 HP PUMP#P2 FLYGHT	all ok at time of insp	checked all OK	NM
4-2-07	XC 1 #1 BELT	10 HP PUMP #P1 STANCOR	Pump gone	checked area	NM
4-2-07	#1 BELT TAIL	5 HP PUMP #P3 FYGHT	all ok at time of inspection	checked all OK	NM
4-2-07	XC 6 M.W. BELT LINE	6.4 KW PUMP #P4STANCOR	all ok at time of inspection	checked all OK	NM
4-2-07	1 <sup>ST</sup> SOUTH XC #6	5 HP PUMP #P5 FLYGHT	all ok at time of inspection	checked all OK	NM
4-2-07	XC 38 M.W. BELT	5 HP PUMP #P8 FYGHT	all ok at time of inspection	checked all OK	NM
4-2-07	XC 39 M.W. BELT	3.5 KW PUMP #P9 FYGHT	all ok at time of inspection	checked all OK	NM
4-2-07	XC 45 M.W.	#1 150 HP PUMP & #1 CONTROLLER	all ok at time of inspection	checked all OK	NM
4-2-07	XC 45 M.W.	#2 150 HP PUMP	all ok at time of inspection	checked all OK	NM
4-2-07	XC 47 M.W BELT	6.4 KW PUMP #P10 STANCOR	all ok at time of inspection	checked all OK	NM
4-2-07	XC 46 M.W.	13 HP PUMP#P11 FYGHT	all ok at time of inspection	checked all OK	NM
4-2-07	XC 46 M.W.	#P1 200 HP HIGH PRESSURE PUMP	Pump gone	OOS	NM
4-2-07	3 <sup>RD</sup> NO #1 BELT TAIL	6.4 STANCOR #P23	<del>OOS</del> all ok at time of inspection	checked all OK	NM
4-2-07	3 <sup>RD</sup> NO. HEAD ROLLER	5 HP PUMP #P7 FYGHT	OOS	checked Tags	NM
4-2-07	XC 46 MAIN WEST INTAKE	5 HP PUMP P19	OOS	checked Tags	NM
4-2-07	XC 40 MAIN WEST	5 HP PUMP #P6 FYGHT	all ok at time of inspection	checked all OK	NM
4-2-07	XC 45 M.W.	150 HP PUMP OSna	all ok at time of inspection	checked all OK	NM
4-2-07	XC 65 MW 72	2CERCUIT D BOX #12	all ok at time of inspection	checked all OK	NM
4-2-07	XC 65 MW 73	5HP PUMP	all ok at time of inspection	checked all OK	NM

NOTE'S



DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-2-07	SO. CRANDALL XC 1	#1 BELT DRIVE AND LIGHTS	OOS	checked Tags	NM
4-2-07	SO. CRANDALL	3 <sup>RD</sup> EAST BELT AND TAKE UP SUP 500	OOS	checked Tags	NM
4-2-07	SO. CRANDALL	#2 BELT DRIVE & LIGHTS	OOS	checked Tags	NM
4-2-07	SO. CRANDALL	#3 BELT DRIVE, LIGHTS & BRAKE CONTROLER & TAKE-UP	OOS	checked Tags	NM
4-2-07	SO. CRANDALL	#1 BELT SCALES	OOS	checked Tags	NM
4-2-07	SO. CRANDALL	#4 BATTERY COAL HAULER	OOS	checked Tags	NM
4-2-07	SO CRANDALL	2 EAST BELT & CONTROLLER	OOS	checked Tags	NM
4-2-07	SO CRANDALE	SUPER 500 & CONTROLLER 2 EAST	OOS	checked Tags	NM
4-2-07	CRANDALE	#1 LEE NORSE	OOS	checked Tags	NM
	SO. CRANDALL				
	SO. CRANDALL				
	SO. CRANDALL				
	SO. CRANDALL				

NOTES:

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2MSHA05452

**PERMISSIBILITY MUST BE SIGNED AND DATED**

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-2-07	XC 3 MAIN NORTH	#1 DRIVE & TAKE-UP	Fire deluge Control Box Had water in it	Dried out, and Tested deluge	NM
4-2-07	XC 5 MAIN WEST	#2 DRIVE & TAKE-UP	all ok at time of inspection	washed & tested deluge	NM
4-2-07	XC 39 MAIN WEST	#3 DRIVE & TAKE-UP	all ok at time of inspection	Test Fire deluge OK	NM
4-2-07	XC 69 MAIN WEST	#4 DRIVE & TAKE-UP	Controller dirty	cleaned controller Tested deluge OK	NM
4-2-07	XC 70 MAIN WEST	#4 BELT BRAKE	controller dirty	cleaned all OK	NM
4-2-07	XC 1 SO.MAINS	SO.MAINS #1 BELT DRIVE & TAKE-UP	OOS	checked Tags	NM
4-2-07	XC 33 MAIN WEST	3 <sup>RD</sup> #1 NORTH BELT DRIVE.	dirty, other than that OK	Washed drive tested deluge OK	NM
4-2-07	XC 103 MAIN WEST	#5 DRIVE & TAKE-UP	all ok at time of inspection	checked all test deluge	NM
4-2-07	MAIN WEST SHORT BELT	# 6 BELT DRIVE	OOS	checked Tags	NM
4-2-07	MAIN WEST SECTION BELT	# 7 BELT DRIVE TAKE-UP	OOS	checked Tags	NM
4-2-07	XC 6 3 <sup>RD</sup> NORTH	3 <sup>RD</sup> NORTH #2 BELT DRIVE	Motor uncoupled	Tested spare motor and deluge OK	NM

NOTES: 3rd north 2 drive Main Motor uncoupled - unbolted  
 Tested fire deluge all ok other than comm fail did not alarm  
 outside.

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PERMISSIBILITY WEEKLY DATE ENDING 4-7-07

2 April 2007

RUSS LARSON  
CRANDALL MINE CONSPEC SYSTEM  
SOUTH CRANDALL MINE CONSPEC SYSTEM

**Signature**

SIGNED

DATE

4-2-07

2MSHA05454

PERMISSABILITY MUST BE SIGNED AND DATED

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
CABLE REELS SHEAVES TURN FREELY, SHARPE EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY
CONTROLLERS, MOTORS, EXPLOSION PROOF COMPARTMENTS, FOR EXCESSIVE OPENINGS OF FLAME PATH, DIAMETRICAL CLEARANCE OF SHAFTS, MISSING BOLTS, LOCK WASHERS, FLAT WASHERS, GENERAL CONDITION OF COMPARTMENT
CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED
INTERMACHINE CABLES HAVE NO SPLICES, CONDUITS ARE IN GOOD CONDITION, MARKED FLAME RESISTANCE, PROPERLY CLAMPED ON GLAND, SEPARATE FROM HYD. HOSES, AND PROTECTED FROM DAMAGE
CHECK LIGHTS FOR OPERATION, LIGHTS SECURED DOWN, LIGHT LENS NOT DEFECTIVE, LENS SECURED BY LOCK DEVICE LIGHTS IN GOOD CONDITION
CHECK FOR PROPER OPERATION OF CIRCUIT BREAKERS, OVERLOAD PROTECTION, PROPER OPERATION OF ELECTRICAL CIRCUITS, EMERGENCY STOP CONTROLS, SWITCH OPERATIONS
CHECK FOR PROPER 2G APPROVAL PLATE, X/P TAGS ON EXPLOSION PROOF ENCLOSURES, CAB CERTIFICATION TAG
CHECK FOR PROPER OPERATION OF PARKING BRAKES, SERVICE BRAKE OPERATION
CHECK FOR OIL, COAL, GREASE ACCUMULATIONS ON MACHINE, PROPER GUARDING OF ROTATING PARTS TO PREVENT PERSONAL INJURY
CHECK BATTERY COVERS ARE SECURED, BATTERIES COVERS ARE INSULATED, RECEPTICALS ARE IN GOOD CONDITION, LOCKING DEVICE IS INSTALLED TO PREVENT NIP FROM LOSING, CELL WATER LEVELS ARE CORRECT, CELL CAPS IN PLACE
CHECK FIRE SUPPRESSION FOR PROPER SPRAYS, SPRAY LOCATION, SPRAYS HAVE PROTECTIVE CAPS, (BATTERY BACKUP IS OPERATIONAL) ACTUATION BUTTON NOT SEIZED, CO2 BOTTLES NOT EXPENDED OUT, BOTTLES NOT DAMAGE, GENERAL CONDITION OF SYSTEM, FIRE EXTINGUISHER IN GOOD CONDITION, INSPECTION TAG ATTACHED AND EXTINGUISHER IS MOUNTED SECURELY.

COMMENTS:

2MSHA05455

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-2-07	CRANDALL MINE	CONSPEX SYSTEM	OK		RL
4-2-07	SO. CRANDALL MINE	CONSPEX SYSTEM	OK		RL

NOTE'S \_\_\_\_\_  
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LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S
4-2-07	Batter Drill V-Chaper	OK		RL

PERMISSIBILITY WEEKLY DATE ENDING 4/14/07

10 April 2007

LARRY POWELL JESS GILBERT RYAN MANN ISRAEL PETERSEN

WEEKLY EXAM'S HAVE  
POWER CENTER'S,  
SWITCH GEAR'S  
DISTRIBUTION BOXES  
CAPACITOR BANK

SIGN **Signature** 4/13/07  
4-11-07

2MSHA05457

## INSPECTION OF PERMISSIBLE ELECTRICAL EQUIPMENT

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
CABLE REELS SHEAVES TURN FREELY, SHARPE EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY
CONTROLLERS, MOTORS, EXPLOSION PROOF COMPARTMENTS, FOR EXCESSIVE OPENINGS OF FLAME PATH, DIAMETRICAL CLEARANCE OF SHAFTS, MISSING BOLTS, LOCK WASHERS, FLAT WASHERS, GENERAL CONDITION OF COMPARTMENT
CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED
INTERMACHINE CABLES HAVE NO SPLICES, CONDUITS ARE IN GOOD CONDITION, MARKED FLAME RESISTANCE, PROPERLY CLAMPED ON GLAND, SEPARATE FROM HYD. HOSES, AND PROTECTED FROM DAMAGE
CHECK LIGHTS FOR OPERATION, LIGHTS SECURED DOWN, LIGHT LENS NOT DEFECTIVE, LENS SECURED BY LOCK DEVICE LIGHTS IN GOOD CONDITION
CHECK FOR PROPER OPERATION OF CIRCUIT BREAKERS, OVERLOAD PROTECTION, PROPER OPERATION OF ELECTRICAL CIRCUITS, EMERGENCY STOP CONTROLS, SWITCH OPERATIONS
CHECK FOR PROPER 2G APPROVAL PLATE, X/P TAGS ON EXPLOSION PROOF ENCLOSURES, CAB CERTIFICATION TAG
CHECK FOR PROPER OPERATION OF PARKING BRAKES, SERVICE BRAKE OPERATION
CHECK FOR OIL, COAL, GREASE ACCUMULATIONS ON MACHINE, PROPER GUARDING OF ROTATING PARTS TO PREVENT PERSONAL INJURY
CHECK BATTERY COVERS ARE SECURED, BATTERIES COVERS ARE INSULATED, RECEPTICALS ARE IN GOOD CONDITION, LOCKING DEVICE IS INSTALLED TO PREVENT NIP FROM LOSING, CELL WATER LEVELS ARE CORRECT, CELL CAPS IN PLACE
CHECK FIRE SUPPRESSION FOR PROPER SPRAYS, SPRAY LOCATION, SPRAYS HAVE PROTECTIVE CAPS, (BATTERY BACKUP IS OPERATIONAL) ACTUATION BUTTON NOT SEIZED, CO2 BOTTLES NOT EXPENDED OUT, BOTTLES NOT DAMAGE, GENERAL CONDITION OF SYSTEM, FIRE EXTINGUISHER IN GOOD CONDITION, INSPECTION TAG ATTACHED AND EXTINGUISHER IS MOUNTED SECURELY.

COMMENTS:

2MSHA05458

PERMISSIBILITY MUST BE SIGNED AND DATED

CRANDALL MINE

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4/13/07	SURFACE	# 1 TRANS 600 KVA	checked and all OK		LP
4/13/07	XC 6 MAIN NO.	# 2 TRANS 600 KVA 950/480	Floot Dust on Top	cleaned off	LP
4/13/07	XC 1 3 <sup>RD</sup> NORTH	# 3 TRANS 225 KVA 480V	checked and all OK		LP
4/13	XC 4 MAIN WEST	# 4 TRANS 750 KVA 950/480	checked and all OK		LP
4/13	XC 40 MAIN WEST	# 5 TRANS 750 KVA 950/480	checked and all OK		LP
4/13	XC 69 MAIN WEST	# 19 TRANS 1250 KVA 950/480	picked up paper around Trans,	cleaned up around Trns	LP
4/13	XC 29 MAIN WEST	# 8 TRANS 500 KVA 480	checked and all OK		LP
4/13	XC 44 MAIN WEST	# 9 TRANS 750 KVA 480	checked and all OK		LP
4/11	XC 3 SHORT BELT MW	# 27 TRANS 600 KVA 480	Fire Ext. pin bent & missing Tie, coal Acc. and chng Temp, No Brass Tags on High voltage clips	Replaced pin & Tie cleaned up coal Acc. Fan Dwyer Tape, Put Paper Tags on clips	ZM
4/13/07	X/C 14 3 <sup>RD</sup> NORTH	# 16 TRANS 1750 KVA 950/480	OOS		LP
4/13/07	XC 102 #5 BELT	1000 KVA #17	checked and all OK		LP

NOTE'S

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2MSHA05459

PERMISSIBILITY MUST BE SIGNED AND DATED  
SOUTH CRANDALL MINE

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4/13/07	SO CRANDALL XC#1	#13 BELT DRIVE TRANS #1BELT	checked and all ok		LP
4/13/07	XC 19 IEAST SOUTH CRANDALL	300 KVA #10	checked and all ok		LP
4/13/07	SO. CRANDALL BOTTOM OF SLOPE	JOY TRANSFORMER #28	Float Dust on Top	cleared off	LP
4/13/07	SO. CRANDALL XC 6 MAINS	#21 BELT TRANSFORMER #3BELT	checked and all ok		LP
4/13/07	SO CRANDALL XC 12	2 EAST BELT DRIVE 750 KVA #1TR	checked and all ok		LP
4/13/07	SO CRANDALL 1 <sup>ST</sup> EAST XC 5	#20 1 <sup>ST</sup> E BELT TRANSFORMER	checked and all ok		LP
4/13/07	3 <sup>RD</sup> EAST	7200 BELT DRIVE TRANS 750 KVA	checked and all ok		LP
4/13/07	MAIN WEST XC 3 ON SHORT BELT	#27 TRANS. 6 & 7 BELT DRIVE	on other page		LP
4/13/07	3 <sup>RD</sup> NORTH XC 5	#14 TRANS # 2 BILT DRIVR	checked and all ok		LP
4/13/07	SOUTH MAINS X/C 1	#23 TRANS 7200 VOLTS	checked and all ok		LP

NOTE'S \_\_\_\_\_  
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PERMISSIBILITY MUST BE SIGNED AND DATED  
SWITCH GEAR

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4/13/07	XC 4 MAIN WEST	# 2 SWITCH GEAR 7200 VOLT	checked and all OK		LP
4/13/07	XC 40 MAIN WEST	# 3 SWITCH GEAR 7200 VOLT	checked and all OK		LP
4/13/07	XC 88 MAIN WEST	# 4 SWITCH GEAR 7200 VOLT	checked and all OK		LP
4/13/07	XC 24 MAIN WEST	# 7 SWITCH GEAR 7200 VOLT	checked and all OK		LP
4/13/07	XC 69 MAIN WEST	# 8 SWITCH GEAR 7200 VOLT	cleaned off Dust on Top	cleaned off coal fines on Top	LP
4/13/07	XC 40 MAIN WEST	CAPACITOR BANK #1	checked and all OK		LP
4/13/07	XC 6 SOUTH MAIN SOUTH CRANDALL	DUEL 7200V SWITCH GEAR #11 #3DRIVE	check and all OK		LP
4/13/07	XC 21 SOUTH CRANDALL	#5 DAUL SWICTH 7200	checked and all OK		LP
4/13/07	XC 12 SOUTH CRANDALL	#1 SWITCH GEAR 7200 VOLT	checked and all OK		LP

NOTE'S \_\_\_\_\_

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2MSHA05461

PERMISSIBILITY MUST BE SIGNED AND DATED

DISTRIBUTION BOXES

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4/13/07	XC 8 MAIN NORTH	#DIST BOX #11	checked and all OK		LP
4/13/07	XC 40 MAIN WEST	# 8 DIST. BOX	checked and all OK		LP
4/13/07	XC50 MAIN WEST	#5 DIST. BOX	checked and all OK		LP
4/13/07	XC26 MAIN WEST	#10 DIST. BOX	checked and all OK		LP
4/13/07	SO CRANDALL BOAR HOLE	#6 DIST- BOX	005		LP
4/13/07	3 <sup>RD</sup> NORTH X/C 4	#16 D- BOX	checked and OK		LP
4/13/07	MW X/C 71	#12 D- BOX	checked and OK		LP

NOTE'S

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PERMISSIBILITY WEEKLY DATE ENDING ----- *4-14-07*

**10 April 2007**

**RUSS LARSON**

ALL CAP LAMP'S AND CHARGER'S

**Signature**

SIGN

DATE *4-12-07*

2MSHA05463

## INSPECTION OF PERMISSIBLE ELECTRICAL EQUIPMENT

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
CABLE REELS SHEAVES TURN FREELY, SHARPE EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY
CONTROLLERS, MOTORS, EXPLOSION PROOF COMPARTMENTS, FOR EXCESSIVE OPENINGS OF FLAME PATH, DIAMETRICAL CLEARANCE OF SHAFTS, MISSING BOLTS, LOCK WASHERS, FLAT WASHERS, GENERAL CONDITION OF COMPARTMENT
CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED
INTERMACHINE CABLES HAVE NO SPLICES, CONDUITS ARE IN GOOD CONDITION, MARKED FLAME RESISTANCE, PROPERLY CLAMPED ON GLAND, SEPARATE FROM HYD. HOSES, AND PROTECTED FROM DAMAGE
CHECK LIGHTS FOR OPERATION, LIGHTS SECURED DOWN, LIGHT LENS NOT DEFECTIVE, LENS SECURED BY LOCK DEVICE LIGHTS IN GOOD CONDITION
CHECK FOR PROPER OPERATION OF CIRCUIT BREAKERS, OVERLOAD PROTECTION, PROPER OPERATION OF ELECTRICAL CIRCUITS, EMERGENCY STOP CONTROLS, SWITCH OPERATIONS
CHECK FOR PROPER 2G APPROVAL PLATE, X/P TAGS ON EXPLOSION PROOF ENCLOSURES, CAB CERTIFICATION TAG
CHECK FOR PROPER OPERATION OF PARKING BRAKES, SERVICE BRAKE OPERATION
CHECK FOR OIL, COAL, GREASE ACCUMULATIONS ON MACHINE, PROPER GUARDING OF ROTATING PARTS TO PREVENT PERSONAL INJURY
CHECK BATTERY COVERS ARE SECURED, BATTERIES COVERS ARE INSULATED, RECEPTICALS ARE IN GOOD CONDITION, LOCKING DEVICE IS INSTALLED TO PREVENT NIP FROM LOSING, CELL WATER LEVELS ARE CORRECT, CELL CAPS IN PLACE
CHECK FIRE SUPPRESSION FOR PROPER SPRAYS, SPRAY LOCATION, SPRAYS HAVE PROTECTIVE CAPS, (BATTERY BACKUP IS OPERATIONAL) ACTUATION BUTTON NOT SEIZED, CO2 BOTTLES NOT EXPENDED OUT, BOTTLES NOT DAMAGE, GENERAL CONDITION OF SYSTEM, FIRE EXTINGUISHER IN GOOD CONDITION, INSPECTION TAG ATTACHED AND EXTINGUISHER IS MOUNTED SECURELY.

COMMENTS:

2MSHA05464

APR  
2007

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	EQUIPMENT CHARGERS ABOVE SHOP	CONDITION	ACTION TAKEN	INITIAL'S
12	# 1 CAP LAMP & CHARGER	OK		R.C.
	# 2 CAP LAMP & CHARGER			
12	# 3 CAP LAMP & CHARGER			
12	# 4 CAP LAMP & CHARGER	OK		
	<del># 5 CAP LAMP &amp; CHARGER</del>	<del>OK</del>		
12	# 6 CAP LAMP & CHARGER	OK		
12	# 7 CAP LAMP & CHARGER	OK		
	<del># 8 CAP LAMP &amp; CHARGER</del>	<del>OK</del>		
12	# 9 CAP LAMP & CHARGER	OK		
	# 10 CAP LAMP & CHARGER			
	# 11 CAP LAMP & CHARGER			
	# 12 CAP LAMP & CHARGER			
	# 13 CAP LAMP & CHARGER			
	# 14 CAP LAMP & CHARGER			
	# 15 CAP LAMP & CHARGER			
	# 16 CAP LAMP & CHARGER			
	# 17 CAP LAMP & CHARGER			
	# 18 CAP LAMP & CHARGER			
	# 19 CAP LAMP & CHARGER			
	# 20 CAP LAMP & CHARGER			
12	# 21 CAP LAMP & CHARGER	OK		
	<del># 22 CAP LAMP &amp; CHARGER</del>	<del>OK</del>		
12	# 23 CAP LAMP & CHARGER	OK		
	# 24 CAP LAMP & CHARGER	OK		
12	# 25 CAP LAMP & CHARGER			
	<del># 26 CAP LAMP &amp; CHARGER</del>	<del>OK</del>		
12	# 27 CAP LAMP & CHARGER	OK		
	# 28 CAP LAMP & CHARGER			
	# 29 CAP LAMP & CHARGER			
12	# 30 CAP LAMP & CHARGER	OK		

2MSHA05465

APR  
2007

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
12	# 31 CAP LAMP & CHARGER	OK		RL
	# 32 CAP LAMP & CHARGER			
	# 33 CAP LAMP & CHARGER			
	# 34 CAP LAMP & CHARGER			
12	# 35 CAP LAMP & CHARGER	OK		
	<del># 36 CAP LAMP &amp; CHARGER</del>	<del>OK</del>		
12	# 37 CAP LAMP & CHARGER	OK		
12	# 38 CAP LAMP & CHARGER			
	# 39 CAP LAMP & CHARGER			
	# 40 CAP LAMP & CHARGER			
	# 41 CAP LAMP & CHARGER			
12	# 42 CAP LAMP & CHARGER			
12	# 43 CAP LAMP & CHARGER			
	# 44 CAP LAMP & CHARGER			
	# 45 CAP LAMP & CHARGER			
	# 46 CAP LAMP & CHARGER			
	# 47 CAP LAMP & CHARGER			
	# 48 CAP LAMP & CHARGER			
12	# 49 CAP LAMP & CHARGER	OK		
	<del># 50 CAP LAMP &amp; CHARGER</del>	<del>OK</del>		
12	# 51 CAP LAMP & CHARGER	OK		
12	# 52 CAP LAMP & CHARGER	OK		
	<del># 53 CAP LAMP &amp; CHARGER</del>	<del>OK</del>		
12	# 54 CAP LAMP & CHARGER	OK		
12	# 55 CAP LAMP & CHARGER	OK		
12	# 56 CAP LAMP & CHARGER	OK		RL

NOTE'S

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APR  
2007

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
12	# 57 CAP LAMP & CHARGER			AC
/	# 58 CAP LAMP & CHARGER			
/	# 59 CAP LAMP & CHARGER			
12	# 60 CAP LAMP & CHARGER			
12	# 61 CAP LAMP & CHARGER			
	# 62 CAP LAMP & CHARGER			
	# 63 CAP LAMP & CHARGER			
	# 64 CAP LAMP & CHARGER			
	# 65 CAP LAMP & CHARGER			
	# 66 CAP LAMP & CHARGER			
	# 67 CAP LAMP & CHARGER			
	# 68 CAP LAMP & CHARGER			
	# 69 CAP LAMP & CHARGER			
	# 70 CAP LAMP & CHARGER			
	# 71 CAP LAMP & CHARGER			
	# 72 CAP LAMP & CHARGER			
	# 73 CAP LAMP & CHARGER			
	# 74 CAP LAMP & CHARGER			
	# 75 CAP LAMP & CHARGER			
	# 76 CAP LAMP & CHARGER			
	# 77 CAP LAMP & CHARGER			
	# 78 CAP LAMP & CHARGER			
	# 79 CAP LAMP & CHARGER			
12	# 80 CAP LAMP & CHARGER			
12	# 81 CAP LAMP & CHARGER			
12	# 82 CAP LAMP & CHARGER			AC

NOTE'S

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APR  
2007

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
12	# 83 CAP LAMP & CHARGER	OK		PL
	# 84 CAP LAMP & CHARGER			
	# 85 CAP LAMP & CHARGER			
	# 86 CAP LAMP & CHARGER			
	# 87 CAP LAMP & CHARGER			
	# 88 CAP LAMP & CHARGER			
	# 89 CAP LAMP & CHARGER			
12	# 90 CAP LAMP & CHARGER			
12	# 91 CAP LAMP & CHARGER			
12	# 92 CAP LAMP & CHARGER	OK		
	<del># 93 CAP LAMP &amp; CHARGER</del>	OK		
12	# 94 CAP LAMP & CHARGER	OK		
	# 95 CAP LAMP & CHARGER			
	# 96 CAP LAMP & CHARGER			
	# 97 CAP LAMP & CHARGER			
	# 98 CAP LAMP & CHARGER			
	# 99 CAP LAMP & CHARGER			
	# 100 CAP LAMP & CHARGER			
	# 101 CAP LAMP & CHARGER			
	# 102 CAP LAMP & CHARGER			
	# 103 CAP LAMP & CHARGER			
	# 104 CAP LAMP & CHARGER			
	# 105 CAP LAMP & CHARGER			
	# 106 CAP LAMP & CHARGER			
	# 107 CAP LAMP & CHARGER			
12	# 108 CAP LAMP & CHARGER	OK		PL

NOTE'S \_\_\_\_\_  
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PERMISSIBILITY WEEKLY DATE ENDING 4/14/07

10 April 2007

FOSTER MCAURTHUR

ALL PORTABLE AND PERMANENT PUMP'S

SIGNED **Signature** \_\_\_\_\_ DATE 4-12-07

## INSPECTION OF NON-PERMISSIBLE ELECTRICAL EQUIPMENT

<p>FIRE PROTECTION, FIRE EXTINGUISHER FOR DEFECTS 250 LBS. ROCK DUST IF NEEDED, FIRE EXTINGUISHER INSPECTION TAG AND DATED, SELF ACTUATING FIRE SUPPRESSIONS ARE OPERATIVE AND WIRED CORRECTLY TO REMOVE POWER FROM EQUIPMENT OR ENGINE SHUT DOWN, NOZZLES ARE PROTECTED AND PROPER LOCATION, HOSE ARE SECURED AND PROTECTED FROM DAMAGE, GAS BOTTLES OR AIR TANKS ARE NOT EXPENDED OUT.</p>
<p>CABLES AND CONDUITS IN GOOD CONDITION, CABLE ENTRANCE GLANDS PROPERLY INSTALLED, ADDITIONAL INSULATION PROVIDED ON ENTRANCE GLAND IF NEEDED, CABLES ARE ENTERED CORRECTLY, MONITOR AND GROUND CONNECTION ARE SEPARATED, BUSHED WERE PASS THROUGH MEDAL WALLS</p>
<p>EQUIPMENT GUARDS ARE IN PLACE AND SECURED, OPENINGS IN ELECTRICAL CONTROLLERS PLUGGED OR COVERED, DOORS TO ELECTRICAL CIRCUITS ARE SECURED SHUT, VISUAL WINDOWS IN GOOD CONDITION, ELECTRICAL CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EMERGENCY STOP SWITCHES WORK CORRECTLY, START AND STOP SWITCHES WORK PROPERLY, CHECK EQUIPMENT FOR PROPER OPERATION,</p>
<p>DISCONNECTS ARE IDENTIFIED CORRECTLY, ELECTRICAL PLUG AND RECEPTACLE IDENTIFIED CORRECTLY, RECEPTACLES AND PLUGS IN GOOD CONDITION, CIRCUITS ARE IDENTIFIED, PROVISIONS FOR LOCK OUT OF PLUG AND MACHINE, STRAIN CLAMPS INSTALLED AND WITH ADDITIONAL INSULATION, DUST COVERS FOR RECEPTACLES IN PLACE, GROUND STRAPS ARE HOOKED UP,</p>
<p>POWER CABLE IS HUNG ON INSULATORS, GUARDED WHERE IT CROSSES COMMUNICATION LINES AND HIGH VOLTAGE CABLE, IN GOOD CONDITION</p>
<p>CORRECT PROTECTION PROVIDED, OVERLOAD, SHORT CIRCUIT, GROUND FAULT, UNDER VOLTAGE,</p>
<p>CORRECT INSTANTANEOUS BREAKER SETTING (7 TIMES FLA=LOW 13 TIMES FLA=HIGH) THIS IS FOR POWER CABLES ONLY, 1.25 TIMES FLA= AMPACITES SIZE FOR CABLE</p>
<p>EQUIPMENT FREE OF ACCUMULATIONS, 24" CLEARANCE AROUND ALL SIDES, NO ROOF AND RIB HAZARDS, AREA WELL ROCK DUSTED</p>
<p>CONTROLLERS, MOTORS, EXPLOSION PROOF COMPARTMENTS, FOR EXCESSIVE OPENINGS OF FLAME PATH, DIAMETRICAL CLEARANCE OF SHAFTS, MISSING BOLTS, LOCK WASHERS, FLAT WASHERS, GENERAL CONDITION OF COMPARTMENT</p>
<p>CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED</p>

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
	1 <sup>ST</sup> WEST & 2 WEST BLEEDER	2G PUMP SYSTEM			
4-9-07	XC 12 1 <sup>ST</sup> WEST	2G P 13 -1	OK		FM
4-9-07	XC 1 BLEEDER 1 <sup>ST</sup> WEST	2G P13 -2	OK		FM
4-9-07	XC 7 2ND WEST BLEEDER	2G P 13-3	+ OK		FM
4-9-07	DOG LEG 2 <sup>ND</sup> WEST BLEEDER	2G P13-4	OK		FM
4-9-07	3 <sup>RD</sup> LEFT	2G P 5-1	OK		FM
4-9-07	REGULATOR 31/4	2G P 5-2	OK		FM
4-9-07	3 1/2 CORNER	2G P 13-5	OK		FM
4-9-07	3 1/2 CORNER	2G P 28 -1	OK		FM
4-9-07	3 1/2 BLEEDER	2G 5-3	OK		FM
4-9-07	3 1/4 XC2	2G 5-4	OK		FM
4-9-07	3 1/4 XC 5	2G 5-5	OK		FM
4-9-07	3 1/4 XC 10	2G 5-6	OK		FM
4-9-07	3 1/2 CORNER	2G 30hp pump	OK		FM
4-9-07	3 1/2 CORNER	2G30hp pump	OK		FM

PERMISSIBILITY MUST BE SIGNED AND DATED

**PERMISSIBILITY MUST BE SIGNED AND DATED**

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-12-07	XC15 RETURN	5HP PUMP P 5-36	OK		FM
4-11-07	XC39 MW RETURN	6.4 HP PUMP P 6.4 35	OK		FM
4-1-07	XC 39 MW RETURN	13HP PUMP P13 - 34	OK		FM
4-11-07	XC 44 M.W. RETURN	6.4 KW PUMP P6.4 33	OK		FM
4-11-07	XC 47 M.W. RETURN	6.4KW PUMP P 6.4-30	OK		FM
	1 <sup>ST</sup> EAST BLEEDER PUMPS	2 G PUMP SYSTEM			
4-10-07	XC 52 1 <sup>ST</sup> EAST	13 HP PUMP SC #18	OK		FM
4-10-07	XC5 BLEEDER	13 HP PUMP	OK		FM
4-10-07	XC35 2EAST	13HP PUMP	OK		FM
	2 <sup>ND</sup> EAST	2 G PUMP SYSTEM			
4-10-07	XC33 2NDEAST	5HP PUMP	OK		FM
4-10-07	XC 20	D BOXES # 7 & RED OUT	OK		FM
4-10-07	XC 23 BLEEDER	5HP PUMP P# 23	OK		FM
4-10-07	XC-52 1 <sup>ST</sup> EAST	13 HP P# 52	OK		FM

NOTE'S \_\_\_\_\_

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PERMISSIBILITY WEEKLY DATE ENDING 4-14-07

10 April 2007

RUSS LARSON  
CRANDALL MINE CONSPEC SYSTEM  
SOUTH CRANDALL MINE CONSPEC SYSTEM

SIGNED  DATE 4-12-07

2MSHA05475

PERMISSABILITY MUST BE SIGNED AND DATED

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
CABLE REELS SHEAVES TURN FREELY, SHARPE EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY
CONTROLLERS, MOTORS, EXPLOSION PROOF COMPARTMENTS, FOR EXCESSIVE OPENINGS OF FLAME PATH, DIAMETRICAL CLEARANCE OF SHAFTS, MISSING BOLTS, LOCK WASHERS, FLAT WASHERS, GENERAL CONDITION OF COMPARTMENT
CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED
INTERMACHINE CABLES HAVE NO SPLICES, CONDUITS ARE IN GOOD CONDITION, MARKED FLAME RESISTANCE, PROPERLY CLAMPED ON GLAND, SEPARATE FROM HYD. HOSES, AND PROTECTED FROM DAMAGE
CHECK LIGHTS FOR OPERATION, LIGHTS SECURED DOWN, LIGHT LENS NOT DEFECTIVE, LENS SECURED BY LOCK DEVICE LIGHTS IN GOOD CONDITION
CHECK FOR PROPER OPERATION OF CIRCUIT BREAKERS, OVERLOAD PROTECTION, PROPER OPERATION OF ELECTRICAL CIRCUITS, EMERGENCY STOP CONTROLS, SWITCH OPERATIONS
CHECK FOR PROPER 2G APPROVAL PLATE, X/P TAGS ON EXPLOSION PROOF ENCLOSURES, CAB CERTIFICATION TAG
CHECK FOR PROPER OPERATION OF PARKING BRAKES, SERVICE BRAKE OPERATION
CHECK FOR OIL, COAL, GREASE ACCUMULATIONS ON MACHINE, PROPER GUARDING OF ROTATING PARTS TO PREVENT PERSONAL INJURY
CHECK BATTERY COVERS ARE SECURED, BATTERIES COVERS ARE INSULATED, RECEPTICALS ARE IN GOOD CONDITION, LOCKING DEVICE IS INSTALLED TO PREVENT NIP FROM LOSING, CELL WATER LEVELS ARE CORRECT, CELL CAPS IN PLACE
CHECK FIRE SUPPRESSION FOR PROPER SPRAYS, SPRAY LOCATION, SPRAYS HAVE PROTECTIVE CAPS, (BATTERY BACKUP IS OPERATIONAL) ACTUATION BUTTON NOT SEIZED, CO2 BOTTLES NOT EXPENDED OUT, BOTTLES NOT DAMAGE, GENERAL CONDITION OF SYSTEM, FIRE EXTINGUISHER IN GOOD CONDITION, INSPECTION TAG ATTACHED AND EXTINGUISHER IS MOUNTED SECURELY.

COMMENTS:

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-12-07	CRANDALL MINE	CONSPEX SYSTEM	OK		RL
4-12-07	SO. CRANDALL MINE	CONSPEX SYSTEM	OK		RL
<i>Section alarm function test</i>					
4-11-07	Main West		OK		RL

NOTE'S \_\_\_\_\_  
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LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S
4-12-07	Battery Drill & Charger	OK		RL

2MSHA05477

PERMISSIBILITY WEEKLY DATE ENDING 4-14-07

MAIN WEST SECTION  
JASON FURRH  
#13269 FEEDER BREAKER  
12-6SC 12-8 SC 12-9 S/C 12-11 S/C  
#5,6 MRS'S

**Signature**

SIG

4-11-07

2MSHA05478

PERMISSABILITY MUST BE SIGNED AND DATED

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
CABLE REELS SHEAVES TURN FREELY, SHARPE EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY
CONTROLLERS, MOTORS, EXPLOSION PROOF COMPARTMENTS, FOR EXCESSIVE OPENINGS OF FLAME PATH, DIAMETRICAL CLEARANCE OF SHAFTS, MISSING BOLTS, LOCK WASHERS, FLAT WASHERS, GENERAL CONDITION OF COMPARTMENT
CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED
INTERMACHINE CABLES HAVE NO SPLICES, CONDUITS ARE IN GOOD CONDITION, MARKED FLAME RESISTANCE, PROPERLY CLAMPED ON GLAND, SEPARATE FROM HYD. HOSES, AND PROTECTED FROM DAMAGE
CHECK LIGHTS FOR OPERATION, LIGHTS SECURED DOWN, LIGHT LENS NOT DEFECTIVE, LENS SECURED BY LOCK DEVICE LIGHTS IN GOOD CONDITION
CHECK FOR PROPER OPERATION OF CIRCUIT BREAKERS, OVERLOAD PROTECTION, PROPER OPERATION OF ELECTRICAL CIRCUITS, EMERGENCY STOP CONTROLS, SWITCH OPERATIONS
CHECK FOR PROPER 2G APPROVAL PLATE, X/P TAGS ON EXPLOSION PROOF ENCLOSURES, CAB CERTIFICATION TAG
CHECK FOR PROPER OPERATION OF PARKING BRAKES, SERVICE BRAKE OPERATION
CHECK FOR OIL, COAL, GREASE ACCUMULATIONS ON MACHINE, PROPER GUARDING OF ROTATING PARTS TO PREVENT PERSONAL INJURY
CHECK BATTERY COVERS ARE SECURED, BATTERIES COVERS ARE INSULATED, RECEPTICALS ARE IN GOOD CONDITION, LOCKING DEVICE IS INSTALLED TO PREVENT NIP FROM LOSING, CELL WATER LEVELS ARE CORRECT, CELL CAPS IN PLACE
CHECK FIRE SUPPRESSION FOR PROPER SPRAYS, SPRAY LOCATION, SPRAYS HAVE PROTECTIVE CAPS, (BATTERY BACKUP IS OPERATIONAL) ACTUATION BUTTON NOT SEIZED, CO2 BOTTLES NOT EXPENDED OUT, BOTTLES NOT DAMAGE, GENERAL CONDITION OF SYSTEM, FIRE EXTINGUISHER IN GOOD CONDITION, INSPECTION TAG ATTACHED AND EXTINGUISHER IS MOUNTED SECURELY.

COMMENTS:

2MSHA05479

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4/11	MAIN WEST	FEEDER BREAKER 13269	ACCUMULATION COAL	WASHED	J
4/11	MAIN WEST	12-6 SC	OOS	OOS	J
4/11	MAIN WEST	12-8 SC	CONVEYOR MOTOR CONDUIT CAME OUT	RE-ENTERED INTO GLAND	J
4/11	MAIN WEST	12-11 SC	PARKING GLAND CLAMP WAS LOOSE ON TRAM MOTOR	TIGHTENED CLAMP DOWN	J
4/11	MAIN WEST	12-9 S/C	OOS DBT	OOS	J
4/11	MAIN WEST	#5 MRS	OOS	OOS	J
4/11	MAIN WEST	#6 MRS	OOS	OOS	J
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
		JASON FURRY			

NOTE'S \_\_\_\_\_

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LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

PERMISSIBILITY WEEKLY DATE ENDING 4/14

MAIN WEST SECTION

DARWON STANFEILD

SECTION TRANS #30 HEAT LAMP #6

MICROWAVE #6 151958 SCOOP & CHARGER

SIGNATURE **Signature** DATE 4-13-07

## INSPECTION OF PERMISSIBLE ELECTRICAL EQUIPMENT

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
CABLE REELS SHEAVES TURN FREELY, SHARPE EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY
CONTROLLERS, MOTORS, EXPLOSION PROOF COMPARTMENTS, FOR EXCESSIVE OPENINGS OF FLAME PATH, DIAMETRICAL CLEARANCE OF SHAFTS, MISSING BOLTS, LOCK WASHERS, FLAT WASHERS, GENERAL CONDITION OF COMPARTMENT
CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED
INTERMACHINE CABLES HAVE NO SPLICES, CONDUITS ARE IN GOOD CONDITION, MARKED FLAME RESISTANCE, PROPERLY CLAMPED ON GLAND, SEPARATE FROM HYD. HOSES, AND PROTECTED FROM DAMAGE
CHECK LIGHTS FOR OPERATION, LIGHTS SECURED DOWN, LIGHT LENS NOT DEFECTIVE, LENS SECURED BY LOCK DEVICE LIGHTS IN GOOD CONDITION
CHECK FOR PROPER OPERATION OF CIRCUIT BREAKERS, OVERLOAD PROTECTION, PROPER OPERATION OF ELECTRICAL CIRCUITS, EMERGENCY STOP CONTROLS, SWITCH OPERATIONS
CHECK FOR PROPER 2G APPROVAL PLATE, X/P TAGS ON EXPLOSION PROOF ENCLOSURES, CAB CERTIFICATION TAG
CHECK FOR PROPER OPERATION OF PARKING BRAKES, SERVICE BRAKE OPERATION
CHECK FOR OIL, COAL, GREASE ACCUMULATIONS ON MACHINE, PROPER GUARDING OF ROTATING PARTS TO PREVENT PERSONAL INJURY
CHECK BATTERY COVERS ARE SECURED, BATTERIES COVERS ARE INSULATED, RECEPTICALS ARE IN GOOD CONDITION, LOCKING DEVICE IS INSTALLED TO PREVENT NIP FROM LOSING, CELL WATER LEVELS ARE CORRECT, CELL CAPS IN PLACE
CHECK FIRE SUPPRESSION FOR PROPER SPRAYS, SPRAY LOCATION, SPRAYS HAVE PROTECTIVE CAPS, (BATTERY BACKUP IS OPERATIONAL) ACTUATION BUTTON NOT SEIZED, CO2 BOTTLES NOT EXPENDED OUT, BOTTLES NOT DAMAGE, GENERAL CONDITION OF SYSTEM, FIRE EXTINGUISHER IN GOOD CONDITION, INSPECTION TAG ATTACHED AND EXTINGUISHER IS MOUNTED SECURELY.

DEISEL

2MSHA05482



PERMISSIBILITY WEEKLY DATE ENDING 4/10/07

10 April 2007

JAMSON WARD

MAIN WEST SECTION

4978 MINER,  
# 13-8 FLETCHER BOLTER  
CAIBRATE CH 4 WITH 2.5 GAS

**Signature**



2MSHA05485

## INSPECTION OF NON-PERMISSIBLE ELECTRICAL EQUIPMENT

FIRE PROTECTION, FIRE EXTINGUISHER FOR DEFECTS 250 LBS. ROCK DUST IF NEEDED, FIRE EXTINGUISHER INSPECTION TAG AND DATED, SELF ACTUATING FIRE SUPPRESSIONS ARE OPERATIVE AND WIRED CORRECTLY TO REMOVE POWER FROM EQUIPMENT OR ENGINE SHUT DOWN, NOZZLES ARE PROTECTED AND PROPER LOCATION, HOSE ARE SECURED AND PROTECTED FROM DAMAGE, GAS BOTTLES OR AIR TANKS ARE NOT EXPENDED OUT.
CABLES AND CONDUITS IN GOOD CONDITION, CABLE ENTRANCE GLANDS PROPERLY INSTALLED, ADDITIONAL INSULATION PROVIDED ON ENTRANCE GLAND IF NEEDED. CABLES ARE ENTERED CORRECTLY, MONITOR AND GROUND CONNECTION ARE SEPARATED, BUSHED WERE PASS THROUGH MEDAL WALLS
EQUIPMENT GUARDS ARE IN PLACE AND SECURED, OPENINGS IN ELECTRICAL CONTROLLERS PLUGGED OR COVERED, DOORS TO ELECTRICAL CIRCUITS ARE SECURED SHUT, VISUAL WINDOWS IN GOOD CONDITION, ELECTRICAL CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EMERGENCY STOP SWITCHES WORK CORRECTLY, START AND STOP SWITCHES WORK PROPERLY, CHECK EQUIPMENT FOR PROPER OPERATION,
DISCONNECTS ARE IDENTIFIED CORRECTLY, ELECTRICAL PLUG AND RECEPTACLE IDENTIFIED CORRECTLY, RECEPTACLES AND PLUGS IN GOOD CONDITION, CIRCUITS ARE IDENTIFIED, PROVISIONS FOR LOCK OUT OF PLUG AND MACHINE, STRAIN CLAMPS INSTALLED AND WITH ADDITIONAL INSULATION, DUST COVERS FOR RECEPTACLES IN PLACE, GROUND STRAPS ARE HOOKED UP,
POWER CABLE IS HUNG ON INSULATORS, GUARDED WHERE IT CROSSES COMMUNICATION LINES AND HIGH VOLTAGE CABLE, IN GOOD CONDITION
CORRECT PROTECTION PROVIDED, OVERLOAD, SHORT CIRCUIT, GROUND FAULT, UNDER VOLTAGE,
CORRECT INSTANTANEOUS BREAKER SETTING (7 TIMES FLA=LOW 13 TIMES FLA=HIGH) THIS IS FOR POWER CABLES ONLY, 1.25 TIMES FLA= AMPACITES SIZE FOR CABLE
EQUIPMENT FREE OF ACCUMULATIONS, 24" CLEARANCE AROUND ALL SIDES, NO ROOF AND RIB HAZARDS, AREA WELL ROCK DUSTED

2MSHA05486

## INSPECTION OF PERMISSIBLE ELECTRICAL EQUIPMENT

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
CABLE REELS SHEAVES TURN FREELY, SHARPE EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY
CONTROLLERS, MOTORS, EXPLOSION PROOF COMPARTMENTS, FOR EXCESSIVE OPENINGS OF FLAME PATH, DIAMETRICAL CLEARANCE OF SHAFTS, MISSING BOLTS, LOCK WASHERS, FLAT WASHERS, GENERAL CONDITION OF COMPARTMENT
CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED
INTERMACHINE CABLES HAVE NO SPLICES, CONDUITS ARE IN GOOD CONDITION, MARKED FLAME RESISTANCE, PROPERLY CLAMPED ON GLAND, SEPARATE FROM HYD. HOSES, AND PROTECTED FROM DAMAGE
CHECK LIGHTS FOR OPERATION, LIGHTS SECURED DOWN, LIGHT LENS NOT DEFECTIVE, LENS SECURED BY LOCK DEVICE LIGHTS IN GOOD CONDITION
CHECK FOR PROPER OPERATION OF CIRCUIT BREAKERS, OVERLOAD PROTECTION, PROPER OPERATION OF ELECTRICAL CIRCUITS, EMERGENCY STOP CONTROLS, SWITCH OPERATIONS
CHECK FOR PROPER 2G APPROVAL PLATE, X/P TAGS ON EXPLOSION PROOF ENCLOSURES, CAB CERTIFICATION TAG
CHECK FOR PROPER OPERATION OF PARKING BRAKES, SERVICE BRAKE OPERATION
CHECK FOR OIL, COAL, GREASE ACCUMULATIONS ON MACHINE, PROPER GUARDING OF ROTATING PARTS TO PREVENT PERSONAL INJURY
CHECK BATTERY COVERS ARE SECURED, BATTERIES COVERS ARE INSULATED, RECEPTICALS ARE IN GOOD CONDITION, LOCKING DEVICE IS INSTALLED TO PREVENT NIP FROM LOSING, CELL WATER LEVELS ARE CORRECT, CELL CAPS IN PLACE
CHECK FIRE SUPPRESSION FOR PROPER SPRAYS, SPRAY LOCATION, SPRAYS HAVE PROTECTIVE CAPS, (BATTERY BACKUP IS OPERATIONAL) ACTUATION BUTTON NOT SEIZED, CO2 BOTTLES NOT EXPENDED OUT, BOTTLES NOT DAMAGE, GENERAL CONDITION OF SYSTEM, FIRE EXTINGUISHER IN GOOD CONDITION, INSPECTION TAG ATTACHED AND EXTINGUISHER IS MOUNTED SECURELY.

COMMENTS:

2MSHA05487

PERMISSIBILITY MUST BE SIGNED DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4/10/03	MAIN WEST	#3 ROOF BOLTER	Bad spot light	Replace	JM
4/10/03	MAIN WEST	4978 MINER	Bad cable repair	Repaired	JM
	MAIN WEST				
4/10/03	MAIN WEST	4978 MINER CAL 2.5 GAS	gas: Brated with 2.5 Gas	Tested good	JM
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
		JAMSON WARD			

NOTE'S \_\_\_\_\_  
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LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

PERMISSIBILITY WEEKLY DATE ENDING 4-14-07

10 April 2007

NICK MILLS

# 5 & 7 848 BATTERY CAR'S  
BELT PORTAL DUSTER  
BELT PORTAL MAGNET'S & CONTROLLER'S  
MAIN LINE TRICKLE DUSTER'S  
, DIESEL GENERATOR BATTERY BOSTER #1  
SOUTH CRANDALL PUMPS  
ALL CRANDALL MINE BELTS & TAKE- UPS  
BELT BRAKES

Signature

SI

DATE

4-10-07

4-11-07

2MSHA05499

## INSPECTION OF NON-PERMISSIBLE ELECTRICAL EQUIPMENT

FIRE PROTECTION, FIRE EXTINGUISHER FOR DEFECTS 250 LBS. ROCK DUST IF NEEDED, FIRE EXTINGUISHER INSPECTION TAG AND DATED, SELF ACTUATING FIRE SUPPRESSIONS ARE OPERATIVE AND WIRED CORRECTLY TO REMOVE POWER FROM EQUIPMENT OR ENGINE SHUT DOWN, NOZZLES ARE PROTECTED AND PROPER LOCATION, HOSE ARE SECURED AND PROTECTED FROM DAMAGE, GAS BOTTLES OR AIR TANKS ARE NOT EXPENDED OUT.

CABLES AND CONDUITS IN GOOD CONDITION, CABLE ENTRANCE GLANDS PROPERLY INSTALLED, ADDITIONAL INSULATION PROVIDED ON ENTRANCE GLAND IF NEEDED, CABLES ARE ENTERED CORRECTLY, MONITOR AND GROUND CONNECTION ARE SEPARATED, BUSHED WERE PASS THROUGH MEDAL WALLS

EQUIPMENT GUARDS ARE IN PLACE AND SECURED, OPENINGS IN ELECTRICAL CONTROLLERS PLUGGED OR COVERED, DOORS TO ELECTRICAL CIRCUITS ARE SECURED SHUT, VISUAL WINDOWS IN GOOD CONDITION, ELECTRICAL CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EMERGENCY STOP SWITCHES WORK CORRECTLY, START AND STOP SWITCHES WORK PROPERLY, CHECK EQUIPMENT FOR PROPER OPERATION,

DISCONNECTS ARE IDENTIFIED CORRECTLY, ELECTRICAL PLUG AND RECEPTACLE IDENTIFIED CORRECTLY, RECEPTACLES AND PLUGS IN GOOD CONDITION, CIRCUITS ARE IDENTIFIED, PROVISIONS FOR LOCK OUT OF PLUG AND MACHINE, STRAIN CLAMPS INSTALLED AND WITH ADDITIONAL INSULATION, DUST COVERS FOR RECEPTACLES IN PLACE, GROUND STRAPS ARE HOOKED UP,

POWER CABLE IS HUNG ON INSULATORS, GUARDED WHERE IT CROSSES COMMUNICATION LINES AND HIGH VOLTAGE CABLE, IN GOOD CONDITION

CORRECT PROTECTION PROVIDED, OVERLOAD, SHORT CIRCUIT, GROUND FAULT, UNDER VOLTAGE,

CORRECT INSTANTANEOUS BREAKER SETTING (7 TIMES FLA=LOW 13 TIMES FLA=HIGH)  
THIS IS FOR POWER CABLES ONLY, 1.25 TIMES FLA= AMPACITES SIZE FOR CABLE

EQUIPMENT FREE OF ACCUMULATIONS, 24" CLEARANCE AROUND ALL SIDES, NO ROOF AND RIB HAZARDS, AREA WELL ROCK DUSTED



PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-10-07	BELT PORTAL	TRICKLE DUSTER#ST4471	all ok at time of inspection	checked all ok	nm
4-10-07	BELT PORTAL	CONTROL BOXES, E.T.C.	difty	dusted ok	nm
4-10-07	BELT PORTAL	MAGNET # 1 HEAD ROLLER	all ok at time of insp	checked all	nm
4-10-07	GEN. MINE	DIESEL GENERATOR	gone	checked properly	nm

NOTE'S \_\_\_\_\_  
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NOTE'S \_\_\_\_\_

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**PERMISSIBILITY MUST BE SIGNED AND DATED**

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-10-07	2 <sup>ND</sup> EAST BELT HEAD ROLLER	10HP PUMP SC #P24	Pump Gone	Checked area	NM
4-10-07	#3 BELT XC 7	10 HP STAMCOR #P5	all ok at time of inspection	checked all	NM
4-10-07	3 <sup>RD</sup> EAST XC 23	5 HP PUMP #P7	all ok at time of insp	checked all	NM
4-10-07	1 <sup>ST</sup> EAST XC19	5 HP PUMP #P6	OOS	checked tags	NM
4-10-07	2 <sup>ND</sup> EAST BELT	5 HP PUMP #P25	OOS	checked tags	NM
4-10-07	3 <sup>RD</sup> EAST XC 24	13 HP PUMP # P4	Pump Gone	checked area	NM
4-10-07	3 <sup>RD</sup> EAST XC 24	5 HP PUMP #P23	all ok at time of inspection	checked all ok	NM
4-10-07	3 <sup>RD</sup> EAST XC 7	#18 2CIRCUIT D-BOX	all ok at time of insp	checked all	NM
4-10-07	3 <sup>RD</sup> EAST XC 19	#13 2CIRCUIT D-BOX	Bad 6m unit ckt 2	Reported	NM
4-10-07	1 <sup>ST</sup> EAST	BREKLY #3 AND CONTROLLER SOUTH CRANDALE	all ok at time of insp	checked all ok	NM

NOTE'S \_\_\_\_\_

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**LIST ALL ELECTRICAL HAND TOOL'S**

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

2MSHA05504



DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-10-07	SO. CRANDALL XC 1	#1 BELT DRIVE AND LIGHTS	OOS	checked Tags	NM
4-10-07	SO. CRANDALL	3 <sup>RD</sup> EAST BELT AND TAKE UP SUP 500	OOS	checked Tags	NM
4-10-07	SO. CRANDALL	#2 BELT DRIVE & LIGHTS	OOS	checked Tags	NM
4-10-07	SO. CRANDALL	#3 BELT DRIVE, LIGHTS & BRAKE CONTROLER & TAKE-UP	OOS	checked Tags	NM
4-10-07	SO. CRANDALL	#1 BELT SCALES	OOS	checked Tags	NM
4-10-07	SO. CRANDALL	#4 BATTERY COAL HAULER	OOS	checked Tags	NM
4-10-07	SO CRANDALL	2 EAST BELT & CONTROLLER	OOS	checked Tags	NM
4-10-07	SO CRANDALE	SUPER 500 & CONTROLLER 2 EAST	OOS	checked Tags	NM
4-10-07	CRANDALE	#1 LEE NORSE	OOS	checked Tags	NM
	SO. CRANDALL				
	SO. CRANDALL				
	SO. CRANDALL				
	SO. CRANDALL				

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PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-10-07	#1 BELT DRIVE	3.6 HP PUMP#P2 FLYGHT	all ok at time of inspection	checked all ok	NM
4-10-07	XC 1 #1 BELT	10 HP PUMP #P1 STANCOR	Pump Gone	checked area	NM
4-10-07	#1 BELT TAIL	5 HP PUMP #P3 FYGHT	all ok at time of insp	checked all ok	NM
4-10-07	XC 6 M.W. BELT LINE	6.4 KW PUMP #P4 STANCOR	all ok at time of insp	checked all ok	NM
4-10-07	1 <sup>ST</sup> SOUTH XC #6	5 HP PUMP #P5 FLYGHT	all ok at time of insp	checked all ok	NM
4-10-07	XC 38 M.W. BELT	5 HP PUMP #P8 FYGHT	all ok at time of insp	checked all ok	NM
4-10-07	XC 39 M.W. BELT	3.5 KW PUMP #P9 FYGHT	all ok at time of inspection	checked all ok	NM
4-10-07	XC 45 M.W.	#1 150 HP PUMP & #1 CONTROLLER	all ok at time of inspection	checked all ok	NM
4-10-07	XC 45 M.W.	#2 150 HP PUMP	all ok at time of inspection	checked all ok	NM
4-10-07	XC 47 M.W. BELT	6.4 KW PUMP #P10 STANCOR	all ok at time of inspection	checked all ok	NM
4-10-07	XC 46 M.W.	13 HP PUMP #P11 FYGHT	all ok at time of inspection	checked all ok	NM
4-10-07	XC 46 M.W.	#P1 200 HP HIGH PRESSURE PUMP	Pump Gone	OOS	NM
4-10-07	3 <sup>RD</sup> NO #1 BELT TAIL	6.4 STANCOR #P23	OOS all ok at time of insp	checked all ok	NM
4-10-07	3 <sup>RD</sup> NO. HEAD ROLLER	5 HP PUMP #P7 FYGHT	OOS	checked Tags	NM
4-10-07	XC 46 MAIN WEST INTAKE	5 HP PUMP P19	OOS	checked Tags	NM
4-10-07	XC 40 MAIN WEST	5 HP PUMP #P6 FYGHT	all ok at time of insp	checked all ok	NM
4-10-07	XC 45 M.W.	150 HP PUMP OSna	all ok at time of insp	checked all ok	NM
4-10-07	XC 45 MW 72	2CERCUIT D BOX #12	all ok at time of insp	checked all ok	NM
4-10-07	XC 45 MW 73	5HP PUMP	all ok at time of insp	checked all ok	NM

NOTE'S \_\_\_\_\_

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PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-10-07	#1 BELT PORTAL	6.4PUMP SC #P1	OOS	checked lock & tag	NM
4-10-07	#1 BELT OVERCAST	10HP PUMP SC #P2	all OK at time of insp	checked all	NM
4-10-07	XC 22 main so	5 HP PUMP #15 SO.CRANDALL	OOS	checked tags	NM
4-10-07	SO. CRANDALL ROCK ROOMS	6.4 KW STANCOR PUMP SC #P12	all OK at time of inspection	checked all OK	NM
4-10-07	SO. CRANDALL	LEE NORIS ROOF BOLTER	OOS	checked tags	NM
4-10-07	SC INTAKE BOTTOM OF SLOPE	5HP SC #P8 P P4	all OK at time of insp	checked all OK	NM
4-10-07	1 <sup>st</sup> EAST XC18	5 HP SC#P8	OOS all OK at time of inspection	checked all OK	NM
4-10-07	SC NORTH RETURN FACE	5HP #P9	OOS all OK at time of insp	checked all OK	NM
4-10-07	SOUTH MAIN XC 1	54KW SC #P10	OOS Pump gone	checked area	NM
4-10-07	XC 2 #4 BELT	5HP #P11	OOS	checked tags	NM
4-10-07	BORE HOLE	5HP SC #P5-13	OOS	checked tags	NM
4-10-07	XC 24 SO. CRANDLL SO. MAIN	10HP SC #P14	OOS	checked tags	NM
4-10-07	2ND EAST INTAKE	5HP PUMP SC #P19	Pump gone	Reported	NM
4-10-07	3RD EAST BELT DRIVE	6.4 KW STANCOR PUMP SC #P21	OOS	checked tags	NM
4-10-07	bottom slope	5hp SC # P4	Wrong pump #	change on permiss	NM
4-10-07	1st east gear	1.6 hp pump P19	all OK at time of insp	checked all OK	NM

PERMISSIBILITY weekly date ending 4-14-07

10 April 2007

HUGH ARRIOTTI BLAIN FILLMORE

ISUZU TRUCK'S

SIGNED **Signature** DATE 4-14-07

2MSHA05510

**INSPECTION OF NON-PERMISSIBLE DIESEL EQUIPMENT  
(HEAVY AND LIGHT DUTY)**

FIRE PROTECTION, FIRE EXTINGUISHER FREE OF DEFECTS, INSPECTION TAG ON AND DATED, FIRE SUPPRESSION SYSTEM IS IN GOOD CONDITION AND OPERATIONAL, CAPS ARE ON NOZZLES, NOZZLES LOCATION IS CORRECT, ALL COMPONENTS ARE MOUNTED SECURELY,

SAFETY SHUT DOWN SYSTEMS ARE OPERATIONAL, FUEL SHUT OFF VALVES IN GOOD CONDITION AND LOCATION IS CORRECT,

EQUIPMENT IS FREE OF OIL, COAL, FUEL ACCUMULATIONS, STARTER FLUID IS IN PROPER CONTAINER,

FUEL SYSTEM, CHECK FOR FUEL LEAKS, SELF CLOSING FUEL CAP IS WORKING PROPERLY, HIGH PRESSURE FUEL LINES GUARDED OR COVERED PROPERLY, FUEL LINES PROTECTED FROM DAMAGE, FUEL TANK GUARD IN PLACE

ELECTRICAL SYSTEM, CHECK FOR PROPER FUSE SIZE, CORRECT TYPE OF FUSE, BATTERY COVERS IN PLACE, WIRING OF PROPER SIZE, MAIN DISCONNECT WORKING PROPERLY, WIRING BUSHED THROUGH METAL WALLS, WIRING SECURED DOWN, CHECK AUDIBLE WARNING DEVICE WORKING CORRECTLY, CHECK NEUTRAL START SWITCH, ALL BARE ELECTRICAL TERMINALS ARE INSULATED, ALL REQUIRED LIGHTS ARE WORKING, CHECK THAT FUEL LINES ARE SEPARATED FROM ELECTRICAL WIRING

CHECK FOR CORRECT MSHA APPROVAL TAG ON ENGINE, ALL GLASS IN GOOD CONDITION, OPERATIONAL CONTROLS WORKING PROPERLY, SPARK ARRESTER INTACT, MACHINE PARKING BRAKE AND SERVICE BRAKES WORKING PROPERLY, EMERGENCY STOP PANIC BARS CORRECTLY ENGAGE BRAKING SYSTEM AND STOP MACHINE, WITHIN 5 SECONDS OF ENGINE SHUT DOWN (HEAVY DUTY ONLY)

DATE	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-14	# 27 ISUZU	Tail Light Broke	tagged out	BF
	# 28 ISUZU	Not Here		
4-14	# 29 ISUZU	Exhaust Park Brake	tagged out	
4-14	# 31 ISUZU	Park Brake	tagged out	
	# 32 ISUZU	005		
4-14	# 36 ISUZU	OK		
	# 46 ISUZU	Junked out		
4-12	# 47 ISUZU	All Circuit Break	Repaired	
4-13	# 2 ISUZU	All term Insul	Repaired	
4-12	# 3 ISUZU	Brakes	Repaired	
4-12	# 4 ISUZU	Brakes	Repaired	
4-11	# 9 ISUZU	Brakes	Repaired	
4-11	# 11 ISUZU	Brakes	Repaired	
4-10	# 12 ISUZU	005		
4-13	# 1 ISUZU	Brakes	Repaired	
4-14	# 44 ISUZU	Battery Term. Clutch	Repaired	
4-14	# 20 ISUZU	OK		
4-14	# 21 ISUZU	Batt Term Cover	Repaired	
	# 22 ISUZU	005		
4-11	# 23 ISUZU	Brakes	Repaired	

PERMISSIBILITY MUST BE SIGNED AND DATED

LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S
	1/2" DRILL	OK		BF
	4 1/2" GRINDER	OK		
	BATTERY CHARGER	OK		

PERMISSIBILITY WEEKLY DATE ENDING 4-14-07

10 April 2007

BLAIN FILLMORE HUGH ARRIOTTI

# 2 AIR# 1 & # 2 DIESEL WELDERS  
COMPRESSOR,  
BANANA DUSTER, BUCKIN WILLY,  
# 5 SLINGER DUSTER #5 #6 #7 GEHL  
TERRA PRO #1 #4 975

SIGNED

**Signature**

DATE

4-14-07

2MSHA05514

**INSPECTION OF NON-PERMISSIBLE DIESEL EQUIPMENT  
(HEAVY AND LIGHT DUTY)**

FIRE PROTECTION, FIRE EXTINGUISHER FREE OF DEFECTS, INSPECTION TAG ON AND DATED, FIRE SUPPRESSION SYSTEM IS IN GOOD CONDITION AND OPERATIONAL, CAPS ARE ON NOZZLES, NOZZLES LOCATION IS CORRECT, ALL COMPONENTS ARE MOUNTED SECURELY,

SAFETY SHUT DOWN SYSTEMS ARE OPERATIONAL, FUEL SHUT OFF VALVES IN GOOD CONDITION AND LOCATION IS CORRECT,

EQUIPMENT IS FREE OF OIL, COAL, FUEL ACCUMULATIONS, STARTER FLUID IS IN PROPER CONTAINER,

FUEL SYSTEM, CHECK FOR FUEL LEAKS, SELF CLOSING FUEL CAP IS WORKING PROPERLY, HIGH PRESSURE FUEL LINES GUARDED OR COVERED PROPERLY, FUEL LINES PROTECTED FROM DAMAGE, FUEL TANK GUARD IN PLACE

ELECTRICAL SYSTEM, CHECK FOR PROPER FUSE SIZE, CORRECT TYPE OF FUSE, BATTERY COVERS IN PLACE, WIRING OF PROPER SIZE, MAIN DISCONNECT WORKING PROPERLY, WIRING BUSHED THROUGH METAL WALLS, WIRING SECURED DOWN, CHECK AUDIBLE WARNING DEVICE WORKING CORRECTLY, CHECK NEUTRAL START SWITCH, ALL BARE ELECTRICAL TERMINALS ARE INSULATED, ALL REQUIRED LIGHTS ARE WORKING, CHECK FUEL LINE ARE SEPARATED FROM ELECTRICAL WIRING

CHECK FOR CORRECT MSHA APPROVAL TAG ON ENGINE, ALL GLASS IN GOOD CONDITION, OPERATIONAL CONTROLS WORKING PROPERLY, SPARK ARRESTER INTACT, MACHINE PARKING BRAKE AND SERVICE BRAKES WORKING PROPERLY, EMERGENCY STOP PANIC BARS CORRECTLY IN GAGE BRAKING SYSTEM AND STOP MACHINE, WITHIN 5 SECONDS OF ENGINE SHUT DOWN (HEAVY DUTY ONLY)

**INSPECTION OF PERMISSIBLE DIESEL EQUIPMENT (HEAVY DUTY)**

INTAKE AIR SYSTEM, CHECK FOR DAMAGE OR ALTERED, COPPER GASKET IN GOOD CONDITION, INTAKE FLAME ARRESTER CLEAN, NO EXCESSIVE OPENINGS .018 INCH FILAMENT TYPE, NO HOLE TYPE DO LIGHT TEST

EXHAUST SYSTEM, CHECK ALL BOLTS AND WASHERS IN PLACE AND TIGHT, ALL GASKETS INSTALLED AND JOINTS TIGHT, EXHAUST SYSTEM FASTENERS IN PLACE AND TIGHT, EXHAUST IN GOOD CONDITION, HOLES PLUGGED, NO CRACKS

CHECK SHUT DOWN, INTAKE VACUUM NOT TO EXCEED 25" OF WATER AT FULL THROTTLE, EXHAUST BACK PRESSURE AT FULL THROTTLE NOT TO EXCEED 34" OF WATER, CHECK FOR AIR SYSTEM LEAKS, SCRUBBER SYSTEM SHUT DOWN LOW WATER, HIGH TEMP. SHUT DOWN, HIGH COOLANT SHUT DOWN, EMERGENCY INTAKE AIR SHUT OFF OPERATIONAL, BRAKES OPERATIONAL SET UP WITH IN 5 SEC. OF SHUT DOWN, ALL COVERS AND GUARDS IN PLACE AND SECURED DOWN,

CHECK FIRE SUPPRESSION SPRAYS CAPPED, HOSED PROTECTED FROM DAMAGE, ACTUATOR PRESSURIZED, AUTOMATIC SYSTEM FUNCTIONAL, FIRE SUPPRESSION ENGINE SHUT DOWN OPERATIONAL, FIRE EXTINGUISHER MOUNTED, DATE AND INSPECTION TAG ATTACHED.

CHECK AUDIBLE WARNING DEVICE, MACHINE FREE OF ACCUMULATIONS, CHECK PARK BRAKE SYSTEM IS OPERATIONAL, CHECK MACHINE CONTROLS FOR PROPER OPERATION, ALL LIGHTS WORK IN BOTH DIRECTIONS, PACKING GLANDS INSTALLED CORRECTLY, PACKING NUTS SECURED WITH LOCKING DEVICE, UNUSED GLANDS SPOT WELDED, CABLES AND CONDUITS ARE FLAME RESISTANT, CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EXPLOSION PROOF COMPARTMENTS, NO EXCESS GAPS. IN FLAME PATHS ALL BOLTS ARE TIGHT AND IN GOOD CONDITION, XP AND 2G TAGS ARE ON, ELECTRICAL SYSTEM IN GOOD CONDITION

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-14	GEN MINE	BANANA DUSTER	OK		BF
	GEN MINE	#2 TERRA PRO	OK		
4-14	GEN MINE	# 5 SLINGER DUSTER	Drive Bolt Guarding Tagged out		
4-14	GEN MINE	# 2 AIR COMPRESSOR	oil Pressure Tagged out		
4-14	GEN MINE	# 2 WELDING TRAILER	OK		
	GEN MINE	#5 GEHL	OK		
	GEN MINE	#6 GEHL	OK		
	GEN MINE	#1 TERRA PRO	OK		
4-14	GEN MINE	#1 975	tail light	Repaired	
4-14	GEN MINE	#4 975	OK		

NOTE'S

LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	Action TAKEN	INITIAL'S
	4" Grinder	OK		BF

VEHICLE	CONDITIONS AND COMMENTS			WEEK OF
	SAFE TO OPERATE	EMMISSIONS & FIRE SUPP.	DEFECT OR CONDITION	CORRECTIVE ACTION
#1-975		967		
#4-975		439		
#5-GEHL				
#6-GEHL				
#7-GEHL				
#4-4110				
#1 TERRA PRO				

**WEEKLY H.D. & PERMISSIBLE VEHICLE CHECK**

PERMISSIBILITY WEEKLY DATE ENDING 4-14-07

10 April 2007

HUGH ARRIOTTI BLAIN FILLMORE

OUT-BY 2- ENTRY DIESEL EQUIPMENT

, DIESEL BOLTER ALLCO GATOR  
, # 404, JEFFRY DUSTER #10 BUCKEN WHILLEY

SIGNED

**Signature**

DATE

4-14-07

2MSHA05519

**INSPECTION OF PERMISSIBLE DIESEL  
EQUIPMENT (HEAVY DUTY)**

INTAKE AIR SYSTEM, CHECK FOR DAMAGE OR ALTERED, COPPER GASKET IN GOOD CONDITION, INTAKE FLAME ARRESTER CLEAN, NO EXCESSIVE OPENINGS .018 INCH FILAMENT TYPE, NO HOLE TYPE DO LIGHT TEST

EXHAUST SYSTEM, CHECK ALL BOLTS AND WASHERS IN PLACE AND TIGHT, ALL GASKETS INSTALLED AND JOINTS TIGHT, EXHAUST SYSTEM FASTENERS IN PLACE AND TIGHT, EXHAUST IN GOOD CONDITION, HOLES PLUGGED, NO CRACKS

CHECK SHUT DOWN, INTAKE VACUUM NOT TO EXCEED 25" OF WATER AT FULL THROTTLE, EXHAUST BACK PRESSURE AT FULL THROTTLE NOT TO EXCEED 34" OF WATER, CHECK FOR AIR SYSTEM LEAKS, SCRUBBER SYSTEM SHUT DOWN LOW WATER, HIGH TEMP. SHUT DOWN, HIGH COOLANT SHUT DOWN, EMERGENCY INTAKE AIR SHUT OFF OPERATIONAL, BRAKES OPERATIONAL SET UP WITH IN 5 SEC. OF SHUT DOWN, ALL COVERS AND GUARDS IN PLACE AND SECURED DOWN,

CHECK FIRE SUPPRESSION SPRAYS CAPPED, HOSED PROTECTED FROM DAMAGE, ACTUATOR PRESSURIZED, AUTOMATIC SYSTEM FUNCTIONAL, FIRE SUPPRESSION ENGINE SHUT DOWN OPERATIONAL, FIRE EXTINGUISHER MOUNTED, DATE AND INSPECTION TAG ATTACHED.

CHECK AUDIBLE WARNING DEVICE, MACHINE FREE OF ACCUMULATIONS, CHECK PARK BRAKE SYSTEM IS OPERATIONAL, CHECK MACHINE CONTROLS FOR PROPER OPERATION, ALL LIGHTS WORK IN BOTH DIRECTIONS, PACKING GLANDS INSTALLED CORRECTLY, PACKING NUTS SECURED WITH LOCKING DEVICE, UNUSED GLANDS SPOT WELDED, CABLES AND CONDUITS ARE FLAME RESISTANT, CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EXPLOSION PROOF COMPARTMENTS, NO EXCESS GAPS. IN FLAME PATHS ALL BOLTS ARE TIGHT AND IN GOOD CONDITION, XP AND 2G TAGS ARE ON, ELECTRICAL SYSTEM IN GOOD CONDITION

**INSPECTION OF NON-PERMISSIBLE DIESEL EQUIPMENT  
(HEAVY AND LIGHT DUTY)**

FIRE PROTECTION, FIRE EXTINGUISHER FREE OF DEFECTS, INSPECTION TAG ON AND DATED, FIRE SUPPRESSION SYSTEM IS IN GOOD CONDITION AND OPERATIONAL, CAPS ARE ON NOZZLES, NOZZLES LOCATION IS CORRECT, ALL COMPONENTS ARE MOUNTED SECURELY,

SAFETY SHUT DOWN SYSTEMS ARE OPERATIONAL, FUEL SHUT OFF VALVES IN GOOD CONDITION AND LOCATION IS CORRECT,

EQUIPMENT IS FREE OF OIL, COAL, FUEL ACCUMULATIONS, STARTER FLUID IS IN PROPER CONTAINER,

FUEL SYSTEM, CHECK FOR FUEL LEAKS, SELF CLOSING FUEL CAP IS WORKING PROPERLY, HIGH PRESSURE FUEL LINES GUARDED OR COVERED PROPERLY, FUEL LINES PROTECTED FROM DAMAGE, FUEL TANK GUARD IN PLACE

ELECTRICAL SYSTEM, CHECK FOR PROPER FUSE SIZE, CORRECT TYPE OF FUSE, BATTERY COVERS IN PLACE, WIRING OF PROPER SIZE, MAIN DISCONNECT WORKING PROPERLY, WIRING BUSHED THROUGH METAL WALLS, WIRING SECURED DOWN, CHECK AUDIBLE WARNING DEVICE WORKING CORRECTLY, CHECK NEUTRAL START SWITCH, ALL BARE ELECTRICAL TERMINALS ARE INSULATED, ALL REQUIRED LIGHTS ARE WORKING, CHECK FUEL LINE ARE SEPARATED FROM ELECTRICAL WIRING

CHECK FOR CORRECT MSHA APPROVAL TAG ON ENGINE, ALL GLASS IN GOOD CONDITION, OPERATIONAL CONTROLS WORKING PROPERLY, SPARK ARRESTER INTACT, MACHINE PARKING BRAKE AND SERVICE BRAKES WORKING PROPERLY, EMERGENCY STOP PANIC BARS CORRECTLY IN GAGE BRAKING SYSTEM AND STOP MACHINE, WITHIN 5 SECONDS OF ENGINE SHUT DOWN (HEAVY DUTY ONLY)

## INSPECTION OF NON-PERMISSIBLE ELECTRICAL EQUIPMENT

FIRE PROTECTION, FIRE EXTINGUISHER FOR DEFECTS 250 LBS. ROCK DUST IF NEEDED, FIRE EXTINGUISHER INSPECTION TAG AND DATED, SELF ACTUATING FIRE SUPPRESSIONS ARE OPERATIVE AND WIRED CORRECTLY TO REMOVE POWER FROM EQUIPMENT OR ENGINE SHUT DOWN, NOZZLES ARE PROTECTED AND PROPER LOCATION, HOSE ARE SECURED AND PROTECTED FROM DAMAGE, GAS BOTTLES OR AIR TANKS ARE NOT EXPENDED OUT.
CABLES AND CONDUITS IN GOOD CONDITION, CABLE ENTRANCE GLANDS PROPERLY INSTALLED, ADDITIONAL INSULATION PROVIDED ON ENTRANCE GLAND IF NEEDED, CABLES ARE ENTERED CORRECTLY, MONITOR AND GROUND CONNECTION ARE SEPARATED, BUSHED WERE PASS THROUGH MEDAL WALLS
EQUIPMENT GUARDS ARE IN PLACE AND SECURED, OPENINGS IN ELECTRICAL CONTROLLERS PLUGGED OR COVERED, DOORS TO ELECTRICAL CIRCUITS ARE SECURED SHUT, VISUAL WINDOWS IN GOOD CONDITION, ELECTRICAL CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EMERGENCY STOP SWITCHES WORK CORRECTLY, START AND STOP SWITCHES WORK PROPERLY, CHECK EQUIPMENT FOR PROPER OPERATION,
DISCONNECTS ARE IDENTIFIED CORRECTLY, ELECTRICAL PLUG AND RECEPTACLE IDENTIFIED CORRECTLY, RECEPTACLES AND PLUGS IN GOOD CONDITION, CIRCUITS ARE IDENTIFIED, PROVISIONS FOR LOCK OUT OF PLUG AND MACHINE, STRAIN CLAMPS INSTALLED AND WITH ADDITIONAL INSULATION, DUST COVERS FOR RECEPTACLES IN PLACE, GROUND STRAPS ARE HOOKED UP,
POWER CABLE IS HUNG ON INSULATORS, GUARDED WHERE IT CROSSES COMMUNICATION LINES AND HIGH VOLTAGE CABLE, IN GOOD CONDITION
CORRECT PROTECTION PROVIDED, OVERLOAD, SHORT CIRCUIT, GROUND FAULT, UNDER VOLTAGE,
CORRECT INSTANTANEOUS BREAKER SETTING (7 TIMES FLA=LOW 13 TIMES FLA=HIGH) THIS IS FOR POWER CABLES ONLY, 1.25 TIMES FLA= AMPACITES SIZE FOR CABLE
EQUIPMENT FREE OF ACCUMULATIONS, 24" CLEARANCE AROUND ALL SIDES, NO ROOF AND RIB HAZARDS, AREA WELL ROCK DUSTED

2MSHA05522

PERMISSIBILITY WEEKLY DATE ENDING 4-14-07

10 April 2007

TIM HARPER  
3<sup>RD</sup> NORTH

4590MINER # 9 ROOFBOLTER  
# 12919 FEEDER BREAKER  
MICROW #6 44 SHUTTLE CAR  
# 45 SHUTTLE CAR TRICKLE DUSTER 550519120032  
488 SECTION SCOOP AND CHARGER HEAT LAMP #6

**Signature**

SIGNE

DATE 4-13-07

2MSHA05489

## INSPECTION OF PERMISSIBLE ELECTRICAL EQUIPMENT

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
CABLE REELS SHEAVES TURN FREELY, SHARPE EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY
CONTROLLERS, MOTORS, EXPLOSION PROOF COMPARTMENTS, FOR EXCESSIVE OPENINGS OF FLAME PATH, DIAMETRICAL CLEARANCE OF SHAFTS, MISSING BOLTS, LOCK WASHERS, FLAT WASHERS, GENERAL CONDITION OF COMPARTMENT
CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED
INTERMACHINE CABLES HAVE NO SPLICES, CONDUITS ARE IN GOOD CONDITION, MARKED FLAME RESISTANCE, PROPERLY CLAMPED ON GLAND, SEPARATE FROM HYD. HOSES, AND PROTECTED FROM DAMAGE
CHECK LIGHTS FOR OPERATION, LIGHTS SECURED DOWN, LIGHT LENS NOT DEFECTIVE, LENS SECURED BY LOCK DEVICE LIGHTS IN GOOD CONDITION
CHECK FOR PROPER OPERATION OF CIRCUIT BREAKERS, OVERLOAD PROTECTION, PROPER OPERATION OF ELECTRICAL CIRCUITS, EMERGENCY STOP CONTROLS, SWITCH OPERATIONS
CHECK FOR PROPER 2G APPROVAL PLATE, X/P TAGS ON EXPLOSION PROOF ENCLOSURES, CAB CERTIFICATION TAG
CHECK FOR PROPER OPERATION OF PARKING BRAKES, SERVICE BRAKE OPERATION
CHECK FOR OIL, COAL, GREASE ACCUMULATIONS ON MACHINE, PROPER GUARDING OF ROTATING PARTS TO PREVENT PERSONAL INJURY
CHECK BATTERY COVERS ARE SECURED, BATTERIES COVERS ARE INSULATED, RECEPTICALS ARE IN GOOD CONDITION, LOCKING DEVICE IS INSTALLED TO PREVENT NIP FROM LOSING, CELL WATER LEVELS ARE CORRECT, CELL CAPS IN PLACE
CHECK FIRE SUPPRESSION FOR PROPER SPRAYS, SPRAY LOCATION, SPRAYS HAVE PROTECTIVE CAPS, (BATTERY BACKUP IS OPERATIONAL) ACTUATION BUTTON NOT SEIZED, CO2 BOTTLES NOT EXPENDED OUT, BOTTLES NOT DAMAGE, GENERAL CONDITION OF SYSTEM, FIRE EXTINGUISHER IN GOOD CONDITION, INSPECTION TAG ATTACHED AND EXTINGUISHER IS MOUNTED SECURELY.

COMMENTS:

2MSHA05490

## INSPECTION OF NON-PERMISSIBLE ELECTRICAL EQUIPMENT

FIRE PROTECTION, FIRE EXTINGUISHER FOR DEFECTS 250 LBS. ROCK DUST IF NEEDED, FIRE EXTINGUISHER INSPECTION TAG AND DATED, SELF ACTUATING FIRE SUPPRESSIONS ARE OPERATIVE AND WIRED CORRECTLY TO REMOVE POWER FROM EQUIPMENT OR ENGINE SHUT DOWN, NOZZLES ARE PROTECTED AND PROPER LOCATION, HOSE ARE SECURED AND PROTECTED FROM DAMAGE, GAS BOTTLES OR AIR TANKS ARE NOT EXPENDED OUT.
CABLES AND CONDUITS IN GOOD CONDITION, CABLE ENTRANCE GLANDS PROPERLY INSTALLED, ADDITIONAL INSULATION PROVIDED ON ENTRANCE GLAND IF NEEDED, CABLES ARE ENTERED CORRECTLY, MONITOR AND GROUND CONNECTION ARE SEPARATED, BUSHED WERE PASS THROUGH MEDAL WALLS
EQUIPMENT GUARDS ARE IN PLACE AND SECURED, OPENINGS IN ELECTRICAL CONTROLLERS PLUGGED OR COVERED, DOORS TO ELECTRICAL CIRCUITS ARE SECURED SHUT, VISUAL WINDOWS IN GOOD CONDITION, ELECTRICAL CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EMERGENCY STOP SWITCHES WORK CORRECTLY, START AND STOP SWITCHES WORK PROPERLY, CHECK EQUIPMENT FOR PROPER OPERATION,
DISCONNECTS ARE IDENTIFIED CORRECTLY, ELECTRICAL PLUG AND RECEPTACLE IDENTIFIED CORRECTLY, RECEPTACLES AND PLUGS IN GOOD CONDITION, CIRCUITS ARE IDENTIFIED, PROVISIONS FOR LOCK OUT OF PLUG AND MACHINE, STRAIN CLAMPS INSTALLED AND WITH ADDITIONAL INSULATION, DUST COVERS FOR RECEPTACLES IN PLACE, GROUND STRAPS ARE HOOKED UP,
POWER CABLE IS HUNG ON INSULATORS, GUARDED WHERE IT CROSSES COMMUNICATION LINES AND HIGH VOLTAGE CABLE, IN GOOD CONDITION
CORRECT PROTECTION PROVIDED, OVERLOAD, SHORT CIRCUIT, GROUND FAULT, UNDER VOLTAGE,
CORRECT INSTANTANEOUS BREAKER SETTING (7 TIMES FLA=LOW 13 TIMES FLA=HIGH) THIS IS FOR POWER CABLES ONLY, 1.25 TIMES FLA= AMPACITES SIZE FOR CABLE
EQUIPMENT FREE OF ACCUMULATIONS, 24" CLEARANCE AROUND ALL SIDES, NO ROOF AND RIB HAZARDS, AREA WELL ROCK DUSTED

PERMISSIBILITY MUST BE SIGNED DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4/13	3 <sup>RD</sup> NORTH	4590 MINER	out of calibration	calibrated using 2.5% methane	GP
4/13	3 <sup>RD</sup> NORTH	#9 ROOF BOLTER	walking tape switch out of bracket	Repair	GP
4/13	3 <sup>RD</sup> NORTH	#29 TRANSFORMER	Accumulation of coal on side frame	Clean	GP
4-13	3 <sup>RD</sup> NORTH	FEEDER BREAKER 12191	condition is good	Checked fire protection, e-stop cables, base, gears	GP
4/13	3 <sup>RD</sup> NORTH	MICROWAVE 5	condition is good	checked cabinet enclosure breaker brass tag	GP
4/13	3 <sup>RD</sup> NORTH	44 shuttle car	condition is good	checked flame paths, fire suppression, e-stop glands	GP
4/13	3 <sup>RD</sup> NORTH	#45 shuttle car	condition is good	checked fire suppression, flame paths, glands, e-stop	GP
4/13	3 <sup>RD</sup> NORTH	TRICKLE DUSTER <del>6595</del>	condition is good	checked guards, flame paths, fire protection, e-stop	GP
4-13	3 <sup>RD</sup> NORTH	488 SECTION SCOOP #	condition is good	checked flame paths, fire suppression, e-stop	GP
4-13	3 <sup>RD</sup> NORTH	& CHARGER #11	ADx wire pulled into	Repair	GP
	3 <sup>RD</sup> NORTH				
4/13	3 <sup>RD</sup> NORTH	HEAT LAMP #7	condition is good	checked breaker elements, cable	GP
	3 <sup>RD</sup> NORTH				
4-13	3 <sup>RD</sup> NORTH	4590 MINER	METHANE MONITOR CALIBRATED 2.5% GAS monthly	calibrated using 2.5% of methane	GP

NOTE'S

LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

2MSHA05492

WEEKLY DATE ENDING 4-14-07

10 April 2007

TIM HARPER

SOUTH CRANDALE 3<sup>RD</sup> EAST

SO. CRANDALL & CRANDALL PHONES, D-BOXES, WELDERS,  
HEAT TAPE BELT SCALES PED SYSTEM PRESSURE WASHER

# 4 STAMLER FEEDER

SECTION TRANS, KITCHEN LIGHT & MICROOWAVE

CAR, CHARGER TRICKLE DUSTER

UNTRACK & CHARGERS

BOTH BELT KITCHEN'S, DUSTER @ XC 3 M.W.

TRICKLE DUSTER XC 8 M. N.

**Signature**

SIG

DATE

4-14-07

2MSHA05493

<p>FIRE PROTECTION, FIRE EXTINGUISHER FOR DEFECTS 250 LBS. ROCK DUST IF NEEDED, FIRE EXTINGUISHER INSPECTION TAG AND DATED, SELF ACTUATING FIRE SUPPRESSIONS ARE OPERATIVE AND WIRED CORRECTLY TO REMOVE POWER FROM EQUIPMENT OR ENGINE SHUT DOWN, NOZZLES ARE PROTECTED AND PROPER LOCATION, HOSE ARE SECURED AND PROTECTED FROM DAMAGE, GAS BOTTLES OR AIR TANKS ARE NOT EXPENDED OUT.</p>
<p>CABLES AND CONDUITS IN GOOD CONDITION, CABLE ENTRANCE GLANDS PROPERLY INSTALLED, ADDITIONAL INSULATION PROVIDED ON ENTRANCE GLAND IF NEEDED, CABLES ARE ENTERED CORRECTLY, MONITOR AND GROUND CONNECTION ARE SEPARATED, BUSHED WERE PASS THROUGH MEDAL WALLS</p>
<p>EQUIPMENT GUARDS ARE IN PLACE AND SECURED, OPENINGS IN ELECTRICAL CONTROLLERS PLUGGED OR COVERED, DOORS TO ELECTRICAL CIRCUITS ARE SECURED SHUT, VISUAL WINDOWS IN GOOD CONDITION, ELECTRICAL CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EMERGENCY STOP SWITCHES WORK CORRECTLY, START AND STOP SWITCHES WORK PROPERLY, CHECK EQUIPMENT FOR PROPER OPERATION,</p>
<p>DISCONNECTS ARE IDENTIFIED CORRECTLY, ELECTRICAL PLUG AND RECEPTACLE IDENTIFIED CORRECTLY, RECEPTACLES AND PLUGS IN GOOD CONDITION, CIRCUITS ARE IDENTIFIED, PROVISIONS FOR LOCK OUT OF PLUG AND MACHINE, STRAIN CLAMPS INSTALLED AND WITH ADDITIONAL INSULATION, DUST COVERS FOR RECEPTACLES IN PLACE, GROUND STRAPS ARE HOOKED UP,</p>
<p>POWER CABLE IS HUNG ON INSULATORS, GUARDED WHERE IT CROSSES COMMUNICATION LINES AND HIGH VOLTAGE CABLE, IN GOOD CONDITION</p>
<p>CORRECT PROTECTION PROVIDED, OVERLOAD, SHORT CIRCUIT, GROUND FAULT, UNDER VOLTAGE,</p>
<p>CORRECT INSTANTANEOUS BREAKER SETTING (7 TIMES FLA=LOW 13 TIMES FLA=HIGH) THIS IS FOR POWER CABLES ONLY, 1.25 TIMES FLA= AMPACITES SIZE FOR CABLE</p>
<p>EQUIPMENT FREE OF ACCUMULATIONS, 24" CLEARANCE AROUND ALL SIDES, NO ROOF AND RIB HAZARDS, AREA WELL ROCK DUSTED</p>

PERMISSIBILITY

2MSHA05494

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
CABLE REELS SHEAVES TURN FREELY, SHARPE EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY
CONTROLLERS, MOTORS, EXPLOSION PROOF COMPARTMENTS, FOR EXCESSIVE OPENINGS OF FLAME PATH, DIAMETRICAL CLEARANCE OF SHAFTS, MISSING BOLTS, LOCK WASHERS, FLAT WASHERS, GENERAL CONDITION OF COMPARTMENT
CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED
INTERMACHINE CABLES HAVE NO SPLICES, CONDUITS ARE IN GOOD CONDITION, MARKED FLAME RESISTANCE, PROPERLY CLAMPED ON GLAND, SEPARATE FROM HYD. HOSES, AND PROTECTED FROM DAMAGE
CHECK LIGHTS FOR OPERATION, LIGHTS SECURED DOWN, LIGHT LENS NOT DEFECTIVE, LENS SECURED BY LOCK DEVICE LIGHTS IN GOOD CONDITION
CHECK FOR PROPER OPERATION OF CIRCUIT BREAKERS, OVERLOAD PROTECTION, PROPER OPERATION OF ELECTRICAL CIRCUITS, EMERGENCY STOP CONTROLS, SWITCH OPERATIONS
CHECK FOR PROPER 2G APPROVAL PLATE, X/P TAGS ON EXPLOSION PROOF ENCLOSURES, CAB CERTIFICATION TAG
CHECK FOR PROPER OPERATION OF PARKING BRAKES, SERVICE BRAKE OPERATION
CHECK FOR OIL, COAL, GREASE ACCUMULATIONS ON MACHINE, PROPER GUARDING OF ROTATING PARTS TO PREVENT PERSONAL INJURY
CHECK BATTERY COVERS ARE SECURED, BATTERIES COVERS ARE INSULATED, RECEPTICALS ARE IN GOOD CONDITION, LOCKING DEVICE IS INSTALLED TO PREVENT NIP FROM LOSING, CELL WATER LEVELS ARE CORRECT, CELL CAPS IN PLACE
CHECK FIRE SUPPRESSION FOR PROPER SPRAYS, SPRAY LOCATION, SPRAYS HAVE PROTECTIVE CAPS, (BATTERY BACKUP IS OPERATIONAL) ACTUATION BUTTON NOT SEIZED, CO2 BOTTLES NOT EXPENDED OUT, BOTTLES NOT DAMAGE, GENERAL CONDITION OF SYSTEM, FIRE EXTINGUISHER IN GOOD CONDITION. INSPECTION TAG ATTACHED AND EXTINGUISHER IS MOUNTED SECURELY.

COMMENTS:

INSPECTION OF NON-PERMISSIBLE ELECTRICAL EQUIPMENT

2MSHA05495



DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
	GEN. MINE				
4-14	GEN. MINE	MILLER WELDER #353049	Condition is good	Checked cable, Nip, glands, enclosure	EPH
4-13	1 <sup>ST</sup> EAST XC-13	#19 D-BOX	Condition is good at time of inspection	Checked fire protection, breaker, cables, Nip, dist, strain	EPH
4-13	SO. CRANDALL	PHONE SYSTEM	Condition is good	Tested	EPH
4-13	SO. CRANDALL #1 BELT	110 VOLT HEAT TAPE	Condition is good	OK	EPH
4-13	SOUTH CRANDALL	D BOXES FOR CHARGER #002	Condition is good	Checked fire protection, breakers, N/A covers, cable, gland	EPH
4-13	GEN MINE	# 3 WELDER	Condition is good	Checked cables, grd. clamp, brass tag	EPH
4-13	GEN. MINE	MINE PHONES	Condition is good	Tested	EPH
4-13	X-C 5 MAIN NORTH	BELT SCALES	Condition is good at time of inspection	Checked fire protection, cables, glands, enclosure	EPH
4-13	X-C 44 MAIN WEST	PED SYSTEM	Condition is good	Checked fire protection, enclosure, cables, glands	EPH
4-13	X-C 49 MAIN WEST	ELECTRIC PRESSURE WASHER	Condition is good at time of inspection	Checked fire protection, e-stop, guards, hoses, glands	EPH

NOTES:

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PERMISSIBILITY MUST BE SIGNED DATED

2MSHA05497

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
	GEN MINE				
4-13	So. MAINS SO. CRANDALL	#1 UNITRAC	Oil Accumulation Needs wash down	Tagged out for wash down	GN
4-13	SO. MAINS SO. CRANDALL North	UNITRAC CHARGER#1	Condition is good at time of inspection	checked fire protection, cables, glands, enclosure,	GN
4-13	XC 7 MAIN WEST	HEAT LAMP # 4 0204002588 MICROWAVE	Condition is good	Checked breaker, glands, elements, enclosure, fuses, tag, cables,	GN
4/13	XC 8 MAIN NORTH	TRICKLE DUSTER # 2	condition is good	checked guarding, fire protective cable, breaker	GN
4-13	GEN. MINE	#2 UNITRAC	condition is good	checked flame paths, fire supp, e-stop, lights,	GN
4-13	GEN. MINE	#2 UNITRAC CHARGER	Condition is good	checked fire protection, cables & glands,	GN
4-13	XC 89 MAIN SO #1 BELT	TRICKLE DUSTER # 4	Condition of Wet Packed Rock Dust Accumulation	"clean"	GN
4-13	XC 14 SC MAIN	TRICKLE DUSTER # 3	OOS	OOS	GN
4/13	XC 34 MAIN NORTH	TRICKLE DUSTER # 1	condition is good	checked fire protection, guarding, flame paths, glands,	GN
4-13	GEN MINE	BOOM TRUCK	Hook on cable is damaged	Tagged out of service	GN
4/13	SOUTH CRANDALL	BATTERY CHARGER	OOS	OOS	GN
4-13	main west xc 30	Battery Duster	Condition is good	checked flame paths, fire supp, glands	GN
4-13	main west	Belt Winder	OOS	OOS	GN
4/13	main west #1058	636 Scoop	Warning Bell Not working	Repair Bell is working good	GN
4/13	main west #1058	charger	condition is good	checked fire protection, cables, glands, wire breaker	GN

LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

NOTE'S

PERMISSIBILITY WEEKLY DATE ENDING 4/21/07

15 April 2007

LARRY POWELL JESS GILBERT RYAN MANN ISRAEL PETERSEN

WEEKLY EXAM'S HAVE  
POWER CENTER'S,  
SWITCH GEAR'S  
DISTRIBUTION BOXES  
CAPACTOR BANK

**Signature**

SIGNATURE

DATE

4/21/07

2MSHA05524

## INSPECTION OF PERMISSIBLE ELECTRICAL EQUIPMENT

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
CABLE REELS SHEAVES TURN FREELY, SHARPE EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY
CONTROLLERS, MOTORS, EXPLOSION PROOF COMPARTMENTS, FOR EXCESSIVE OPENINGS OF FLAME PATH, DIAMETRICAL CLEARANCE OF SHAFTS, MISSING BOLTS, LOCK WASHERS, FLAT WASHERS, GENERAL CONDITION OF COMPARTMENT
CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED
INTERMACHINE CABLES HAVE NO SPLICES, CONDUITS ARE IN GOOD CONDITION, MARKED FLAME RESISTANCE, PROPERLY CLAMPED ON GLAND, SEPARATE FROM HYD. HOSES, AND PROTECTED FROM DAMAGE
CHECK LIGHTS FOR OPERATION, LIGHTS SECURED DOWN, LIGHT LENS NOT DEFECTIVE, LENS SECURED BY LOCK DEVICE LIGHTS IN GOOD CONDITION
CHECK FOR PROPER OPERATION OF CIRCUIT BREAKERS, OVERLOAD PROTECTION, PROPER OPERATION OF ELECTRICAL CIRCUITS, EMERGENCY STOP CONTROLS, SWITCH OPERATIONS
CHECK FOR PROPER 2G APPROVAL PLATE, X/P TAGS ON EXPLOSION PROOF ENCLOSURES, CAB CERTIFICATION TAG
CHECK FOR PROPER OPERATION OF PARKING BRAKES, SERVICE BRAKE OPERATION
CHECK FOR OIL, COAL, GREASE ACCUMULATIONS ON MACHINE, PROPER GUARDING OF ROTATING PARTS TO PREVENT PERSONAL INJURY
CHECK BATTERY COVERS ARE SECURED, BATTERIES COVERS ARE INSULATED, RECEPTICALS ARE IN GOOD CONDITION, LOCKING DEVICE IS INSTALLED TO PREVENT NIP FROM LOSING, CELL WATER LEVELS ARE CORRECT, CELL CAPS IN PLACE
CHECK FIRE SUPPRESSION FOR PROPER SPRAYS, SPRAY LOCATION, SPRAYS HAVE PROTECTIVE CAPS, (BATTERY BACKUP IS OPERATIONAL) ACTUATION BUTTON NOT SEIZED, CO2 BOTTLES NOT EXPENDED OUT, BOTTLES NOT DAMAGE, GENERAL CONDITION OF SYSTEM, FIRE EXTINGUISHER IN GOOD CONDITION, INSPECTION TAG ATTACHED AND EXTINGUISHER IS MOUNTED SECURELY.

COMMENTS:

2MSHA05525

PERMISSIBILITY MUST BE SIGNED AND DATED

CRANDALL MINE

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4/21/07	SURFACE	# 1 TRANS 600 KVA	checked and all		LP
4/21/07	XC 6 MAIN NO.	# 2 TRANS 600 KVA 950/480	checked and all		LP
4/21/07	XC 1 3 <sup>RD</sup> NORTH	# 3 TRANS 225 KVA 480V	Dust on Top	cleaned off	LP
4/21/07	XC 4 MAIN WEST	# 4 TRANS 750 KVA 950/480	checked and all		LP
4/21/07	XC 40 MAIN WEST	# 5 TRANS 750 KVA 950/480	Dust on Top	cleaned off	LP
4/21/07	XC 69 MAIN WEST	# 19 TRANS 1250 KVA 950/480	Dust on Top	cleaned Dust off Top	LP
4/21/07	XC 29 MAIN WEST	# 8 TRANS 500 KVA 480	checked and all		LP
4/21/07	XC 44 MAIN WEST	# 9 TRANS 750 KVA 480	checked and all		LP
4/21/07	XC 3 SHORT BELT MW	# 27 TRANS 600 KVA 480	<del>checked</del> Dust on Top	cleaned Dust off Top	LP
	XC 14 3 <sup>RD</sup> NORTH	# 16 TRANS 1750 KVA 950/480	OOS		
4/21/07	XC 102 #5 BELT	1000 KVA #17	check and all		LP

NOTE'S

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2MSHA05526

PERMISSIBILITY MUST BE SIGNED AND DATED  
SOUTH CRANDALL MINE

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4/21/07	SO CRANDALL XC#1	#13 BELT DRIVE TRANS #1BELT	checked and OK		LP
4/21/07	XC 19 1EAST SOUTH CRANDALL	300 KVA #10	checked and OK		LP
4/21/07	SO. CRANDALL BOTTOM OF SLOPE	JOY TRANSFORMER #28	checked and OK		LP
4/21/07	SO. CRANDALL XC 6 MAINS	#21 BELT TRANSFORMER #3BELT	checked and all OK		LP
4/21/07	SO CRANDALL XC 12	2 EAST BELT DRIVE 750 KVA #1TR	checked and all OK		LP
4/21/07	SO CRANDALL 1 <sup>ST</sup> EAST XC 5	#20 1 <sup>ST</sup> E BELT TRANSFORMER	checked and all OK		LP
4/21/07	3 <sup>RD</sup> EAST	7200 BELT DRIVE TRANS 750 KVA	checked and all OK		LP
4/21/07	3 <sup>RD</sup> NORTH XC 5	#14 TRANS # 2 BILT DRIVR	Dust on Top	cleaned off dust	LP
4/21/07	SOUTH MAINS XJC 1	#23 TRANS 7200 VOLTS	checked and all OK		LP

NOTE'S \_\_\_\_\_  
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SWITCH GEAR

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4/21/07	XC 4 MAIN WEST	# 2 SWITCH GEAR 7200 VOLT	checked and all OK		LP
4/21/07	XC 40 MAIN WEST	# 3 SWITCH GEAR 7200 VOLT	Dust on Top	cleaned off	LP
4/21/07	XC 88 MAIN WEST	# 4 SWITCH GEAR 7200 VOLT	checked and all OK		LP
4/21/07	XC 24 MAIN WEST	# 7 SWITCH GEAR 7200 VOLT	checked and all OK		LP
4/21/07	XC 69 MAIN WEST	# 8 SWITCH GEAR 7200 VOLT	Dust on Top	cleaned Dust off Top	LP
4/21/07	XC 40 MAIN WEST	CAPACITOR BANK #1	Dust on Top	cleaned off	LP
4/21/07	XC 6 SOUTH MAIN SOUTH CRANDALL	DUEL 7200V SWITCH GEAR #11 #3DRIVE	checked and all OK		LP
4/21/07	XC 21 SOUTH CRANDALL	#5 DAUL SWICTH 7200	checked and all OK		LP
4/21/07	XC 12 SOUTH CRANDALL	#1 SWITCH GEAR 7200 VOLT	checked and OK		LP

NOTE'S

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PERMISSIBILITY MUST BE SIGNED AND DATED

DISTRIBUTION BOXES

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4/21/07	XC 8 MAIN NORTH	#DIST BOX #11	checked and OK		LP
4/21/07	XC 40 MAIN WEST	# 8 DIST. BOX	checked and OK		LP
4/21/07	XC50 MAIN WEST	#5 DIST. BOX	checked and OK		LP
4/21/07	XC26 MAIN WEST	#10 DIST. BOX	checked and OK		LP
	SO CRANDALL BOAR HOLE	#6 DIST- BOX	O O S		
4/21/07	3 <sup>RD</sup> NORTH X/C 4	#16 D- BOX	checked and OK		LP
4/21/07	MW X/C 71	#12 D- BOX	checked and OK		LP

NOTE'S

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PERMISSIBILITY MUST BE SIGNED AND DATED

2MSHA05529

PERMISSIBILITY WEEKLY DATE ENDING 4-21-07

15 April 2007

BLAIN FILLMORE HUGH ARRIOTTI

# 2 AIR# 1 & # 2 DIESEL WELDERS  
COMPRESSOR,  
BANANA DUSTER, BUCKIN WILLY,  
# 5 SLINGER DUSTER #5 #6 #7 GEHL  
TERRA PRO #1 #4 975

SIGNATURE  DATE 4-21-07  
4/21/07

INSPECTION OF NON-PERMISSIBLE DIESEL EQUIPMENT  
(HEAVY AND LIGHT DUTY)

FIRE PROTECTION, FIRE EXTINGUISHER FREE OF DEFECTS, INSPECTION TAG ON AND DATED, FIRE SUPPRESSION SYSTEM IS IN GOOD CONDITION AND OPERATIONAL, CAPS ARE ON NOZZLES, NOZZLES LOCATION IS CORRECT, ALL COMPONENTS ARE MOUNTED SECURELY,

SAFETY SHUT DOWN SYSTEMS ARE OPERATIONAL, FUEL SHUT OFF VALVES IN GOOD CONDITION AND LOCATION IS CORRECT,

EQUIPMENT IS FREE OF OIL, COAL, FUEL ACCUMULATIONS, STARTER FLUID IS IN PROPER CONTAINER,

FUEL SYSTEM, CHECK FOR FUEL LEAKS, SELF CLOSING FUEL CAP IS WORKING PROPERLY, HIGH PRESSURE FUEL LINES GUARDED OR COVERED PROPERLY, FUEL LINES PROTECTED FROM DAMAGE, FUEL TANK GUARD IN PLACE

ELECTRICAL SYSTEM, CHECK FOR PROPER FUSE SIZE, CORRECT TYPE OF FUSE, BATTERY COVERS IN PLACE, WIRING OF PROPER SIZE, MAIN DISCONNECT WORKING PROPERLY, WIRING BUSHED THROUGH METAL WALLS, WIRING SECURED DOWN, CHECK AUDIBLE WARNING DEVICE WORKING CORRECTLY, CHECK NEUTRAL START SWITCH, ALL BARE ELECTRICAL TERMINALS ARE INSULATED, ALL REQUIRED LIGHTS ARE WORKING, CHECK FUEL LINE ARE SEPARATED FROM ELECTRICAL WIRING

CHECK FOR CORRECT MSHA APPROVAL TAG ON ENGINE, ALL GLASS IN GOOD CONDITION, OPERATIONAL CONTROLS WORKING PROPERLY, SPARK ARRESTER INTACT, MACHINE PARKING BRAKE AND SERVICE BRAKES WORKING PROPERLY, EMERGENCY STOP PANIC BARS CORRECTLY IN GAGE BRAKING SYSTEM AND STOP MACHINE, WITHIN 5 SECONDS OF ENGINE SHUT DOWN (HEAVY DUTY ONLY)

INSPECTION OF PERMISSIBLE DIESEL EQUIPMENT (HEAVY DUTY)

INTAKE AIR SYSTEM, CHECK FOR DAMAGE OR ALTERED, COPPER GASKET IN GOOD CONDITION, INTAKE FLAME ARRESTER CLEAN, NO EXCESSIVE OPENINGS .018 INCH FILAMENT TYPE, NO HOLE TYPE DO LIGHT TEST

EXHAUST SYSTEM, CHECK ALL BOLTS AND WASHERS IN PLACE AND TIGHT, ALL GASKETS INSTALLED AND JOINTS TIGHT, EXHAUST SYSTEM FASTENERS IN PLACE AND TIGHT, EXHAUST IN GOOD CONDITION, HOLES PLUGGED, NO CRACKS

CHECK SHUT DOWN, INTAKE VACUUM NOT TO EXCEED 25" OF WATER AT FULL THROTTLE, EXHAUST BACK PRESSURE AT FULL THROTTLE NOT TO EXCEED 34" OF WATER, CHECK FOR AIR SYSTEM LEAKS, SCRUBBER SYSTEM SHUT DOWN LOW WATER, HIGH TEMP. SHUT DOWN, HIGH COOLANT SHUT DOWN, EMERGENCY INTAKE AIR SHUT OFF OPERATIONAL, BRAKES OPERATIONAL SET UP WITH IN 5 SEC. OF SHUT DOWN, ALL COVERS AND GUARDS IN PLACE AND SECURED DOWN,

CHECK FIRE SUPPRESSION SPRAYS CAPPED, HOSED PROTECTED FROM DAMAGE, ACTUATOR PRESSURIZED, AUTOMATIC SYSTEM FUNCTIONAL, FIRE SUPPRESSION ENGINE SHUT DOWN OPERATIONAL, FIRE EXTINGUISHER MOUNTED, DATE AND INSPECTION TAG ATTACHED.

CHECK AUDIBLE WARNING DEVICE, MACHINE FREE OF ACCUMULATIONS, CHECK PARK BRAKE SYSTEM IS OPERATIONAL, CHECK MACHINE CONTROLS FOR PROPER OPERATION, ALL LIGHTS WORK IN BOTH DIRECTIONS, PACKING GLANDS INSTALLED CORRECTLY, PACKING NUTS SECURED WITH LOCKING DEVICE, UNUSED GLANDS SPOT WELDED, CABLES AND CONDUITS ARE FLAME RESISTANT, CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EXPLOSION PROOF COMPARTMENTS, NO EXCESS GAPS. IN FLAME PATHS ALL BOLTS ARE TIGHT AND IN GOOD CONDITION, XP AND 2G TAGS ARE ON, ELECTRICAL SYSTEM IN GOOD CONDITION

2MSHA05532

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S	
	GEN MINE	BANANA DUSTER	OK		BTF	
	GEN MINE	#2 TERRA PRO	OK			
4-12	GEN MINE	# 5 SLINGER DUSTER	Belt Drive Jack Tagged			
	GEN MINE	# 2 AIR COMPRESSOR				
4-12	GEN MINE	# 2 WELDING TRAILER	OK			
	GEN MINE	#5 GEHL	OK			
	GEN MINE	#6 GEHL	OK			
	GEN MINE	#1 TERRA PRO	OK			
4/21	GEN MINE	#1 975	Plastic seal Broke	Replaced Plastic seal		LP
4/11	GEN MINE	#4 975	OK			

NOTE'S

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LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	Action TAKEN	INITIAL'S
	2 1/2" Wrench	OK		BTF
	1/2" Drill	OK		

MAIN WEST SECTION  
DARWON STANFEILD  
SECTION TRANS #30 HEAT LAMP #6  
MICROWAVE #6 151958 SCOOP & CHARGER

SIGNATURE **Signature** DATE 4-21-07

2MSHA05534

## INSPECTION OF PERMISSIBLE ELECTRICAL EQUIPMENT

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
CABLE REELS SHEAVES TURN FREELY, SHARPE EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY
CONTROLLERS, MOTORS, EXPLOSION PROOF COMPARTMENTS, FOR EXCESSIVE OPENINGS OF FLAME PATH, DIAMETRICAL CLEARANCE OF SHAFTS, MISSING BOLTS, LOCK WASHERS, FLAT WASHERS, GENERAL CONDITION OF COMPARTMENT
CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED
INTERMACHINE CABLES HAVE NO SPLICES, CONDUITS ARE IN GOOD CONDITION, MARKED FLAME RESISTANCE, PROPERLY CLAMPED ON GLAND, SEPARATE FROM HYD. HOSES, AND PROTECTED FROM DAMAGE
CHECK LIGHTS FOR OPERATION, LIGHTS SECURED DOWN, LIGHT LENS NOT DEFECTIVE, LENS SECURED BY LOCK DEVICE LIGHTS IN GOOD CONDITION
CHECK FOR PROPER OPERATION OF CIRCUIT BREAKERS, OVERLOAD PROTECTION, PROPER OPERATION OF ELECTRICAL CIRCUITS, EMERGENCY STOP CONTROLS, SWITCH OPERATIONS
CHECK FOR PROPER 2G APPROVAL PLATE, X/P TAGS ON EXPLOSION PROOF ENCLOSURES, CAB CERTIFICATION TAG
CHECK FOR PROPER OPERATION OF PARKING BRAKES, SERVICE BRAKE OPERATION
CHECK FOR OIL, COAL, GREASE ACCUMULATIONS ON MACHINE, PROPER GUARDING OF ROTATING PARTS TO PREVENT PERSONAL INJURY
CHECK BATTERY COVERS ARE SECURED, BATTERIES COVERS ARE INSULATED, RECEPTICALS ARE IN GOOD CONDITION, LOCKING DEVICE IS INSTALLED TO PREVENT NIP FROM LOSING, CELL WATER LEVELS ARE CORRECT, CELL CAPS IN PLACE
CHECK FIRE SUPPRESSION FOR PROPER SPRAYS, SPRAY LOCATION, SPRAYS HAVE PROTECTIVE CAPS, (BATTERY BACKUP IS OPERATIONAL) ACTUATION BUTTON NOT SEIZED, CO2 BOTTLES NOT EXPENDED OUT, BOTTLES NOT DAMAGE, GENERAL CONDITION OF SYSTEM, FIRE EXTINGUISHER IN GOOD CONDITION, INSPECTION TAG ATTACHED AND EXTINGUISHER IS MOUNTED SECURELY.

DEISEL

PERMISSIBILITY WEEKLY DATE ENDING 4-21-----

2MSHA05535

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4/20	MAIN WEST	SECTION TRANS # 30	missing Ground Straps Accumulations	Reattached straps cleaned	DS
4/20	MAIN WEST	HEAT LAMP #6	Conditions ok	None	DS
4/20	MAIN WEST	MICROWAVE #6	Pinky	cleaned	DS
4/21	MAIN WEST	17-2 488 SCOOP	accumulations	washed	DS
4/21	MAIN WEST	488 SCOOP CHARGER	conditions ok	none	DS
	MAIN WEST	#7 MRS	OOS		
	MAIN WEST	#8 MRS	OOS		
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
		JAMESON WARD			

LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION Taken	INITIAL'S

NOTE'S

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INSPECTION OF NON-PERMISSIBLE ELECTRICAL

2MSHA05537

PERMISSIBILITY WEEKLY DATE ENDING 4-21

15 April 2007

JAMSON WARD

MAIN WEST SECTION

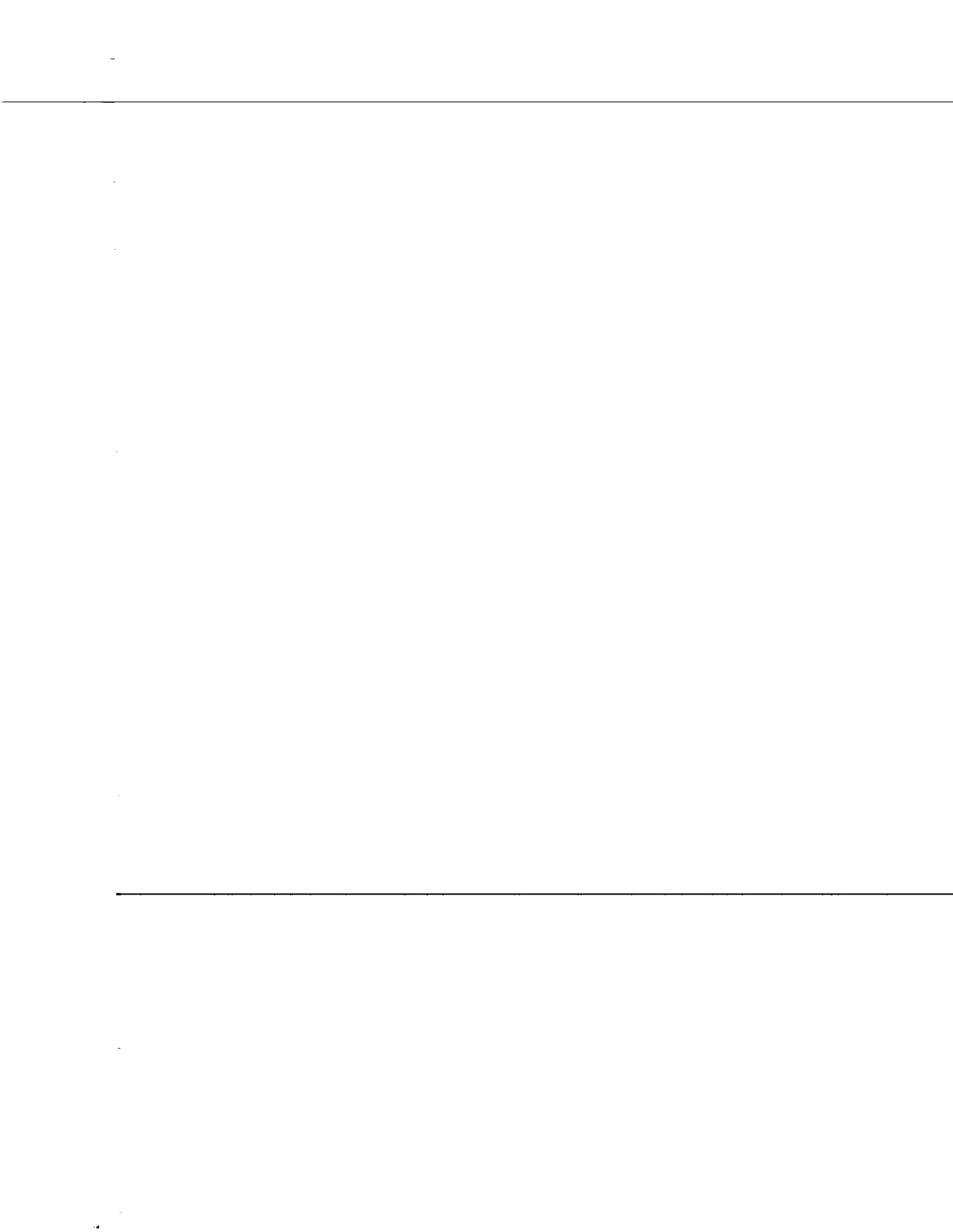
, 4978 MINER,  
, # 13-8 FLETCHER BOLTER  
CAIBRATE CH 4 WITH 2.5 GAS

Signature

DATE

*JW*

2MSHA05538



PERMISSIBILITY MUST BE SIGNED DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-16 4-20	MAIN WEST	#3 ROOF BOLTER	Smashed working hands Bad spot hand	Replaced	[Signature]
4-14, 190	MAIN WEST	4978 MINER	Bad splices accumulation	Washed <del>Repaired</del>	[Signature]
	MAIN WEST				
4-20	MAIN WEST	4978 MINER CAL 2.5 GAS	Calibrated with gas	Tested	[Signature]
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
		JAMSON WARD			

NOTE'S \_\_\_\_\_  
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LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

2MSHA05541

PERMISSIBILITY WEEKLY DATE ENDING 4-21-07

15 April 2007

TIM HARPER  
3<sup>RD</sup> NORTH

4590MINER # 9 ROOFBOLTER  
# 12919 FEEDER BREAKER  
MICROW #6 44 SHUTTLE CAR  
# 45 SHUTTLE CAR TRICKLE DUSTER 550519120032  
488 SECTION SCOOP AND CHARGER HEAT LAMP #6

**Signature**

SIGN

DATE 4-21-07

2MSHA05542

## INSPECTION OF PERMISSIBLE ELECTRICAL EQUIPMENT

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
CABLE REELS SHEAVES TURN FREELY, SHARPE EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY
CONTROLLERS, MOTORS, EXPLOSION PROOF COMPARTMENTS, FOR EXCESSIVE OPENINGS OF FLAME PATH, DIAMETRICAL CLEARANCE OF SHAFTS, MISSING BOLTS, LOCK WASHERS, FLAT WASHERS, GENERAL CONDITION OF COMPARTMENT
CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED
INTERMACHINE CABLES HAVE NO SPLICES, CONDUITS ARE IN GOOD CONDITION, MARKED FLAME RESISTANCE, PROPERLY CLAMPED ON GLAND, SEPARATE FROM HYD. HOSES, AND PROTECTED FROM DAMAGE
CHECK LIGHTS FOR OPERATION, LIGHTS SECURED DOWN, LIGHT LENS NOT DEFECTIVE, LENS SECURED BY LOCK DEVICE LIGHTS IN GOOD CONDITION
CHECK FOR PROPER OPERATION OF CIRCUIT BREAKERS, OVERLOAD PROTECTION, PROPER OPERATION OF ELECTRICAL CIRCUITS, EMERGENCY STOP CONTROLS, SWITCH OPERATIONS
CHECK FOR PROPER 2G APPROVAL PLATE, X/P TAGS ON EXPLOSION PROOF ENCLOSURES, CAB CERTIFICATION TAG
CHECK FOR PROPER OPERATION OF PARKING BRAKES, SERVICE BRAKE OPERATION
CHECK FOR OIL, COAL, GREASE ACCUMULATIONS ON MACHINE, PROPER GUARDING OF ROTATING PARTS TO PREVENT PERSONAL INJURY
CHECK BATTERY COVERS ARE SECURED, BATTERIES COVERS ARE INSULATED, RECEPTICALS ARE IN GOOD CONDITION, LOCKING DEVICE IS INSTALLED TO PREVENT NIP FROM LOSING, CELL WATER LEVELS ARE CORRECT, CELL CAPS IN PLACE
CHECK FIRE SUPPRESSION FOR PROPER SPRAYS, SPRAY LOCATION, SPRAYS HAVE PROTECTIVE CAPS. (BATTERY BACKUP IS OPERATIONAL) ACTUATION BUTTON NOT SEIZED, CO2 BOTTLES NOT EXPENDED OUT, BOTTLES NOT DAMAGE, GENERAL CONDITION OF SYSTEM, FIRE EXTINGUISHER IN GOOD CONDITION, INSPECTION TAG ATTACHED AND EXTINGUISHER IS MOUNTED SECURELY.

COMMENTS:

2MSHA05543

PERMISSIBILITY MUST BE SIGNED DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-21	3 <sup>RD</sup> NORTH	4590 MINER	Condition is good at time of inspection.	Checked e-stop, Battery Back up, Fire Suppression, Flame Paths, glands, lights	GH
4-21	3 <sup>RD</sup> NORTH	#9 ROOF BOLTER	Condition is good	Checked e-stop, lights, glands, flame paths, fire suppression.	GH
4-21	3 <sup>RD</sup> NORTH	#29 TRANSFORMER	Condition is good	checked Breaker, Just, ground straps, Fire Protection.	GH
4-21	3 <sup>RD</sup> NORTH	FEEDEER BREAKER 12191	condition is good	Checked Fire protection, cables, e-stop, Nip, Hoses.	GH
4-21	3 <sup>RD</sup> NORTH	MICROWAVE 5	good	checked enclosure, cord, Brass tag, Breaker	GH
4-21	3 <sup>RD</sup> NORTH	44 shuttle car	Condition is good at time of inspection.	checked Flame Paths, cable, lights packing glands.	GH
4-21	3 <sup>RD</sup> NORTH	#45 shuttle car	Condition is good	checked Fire Suppression, lights, Flame Paths, e-stop.	GH
4-21	3 <sup>RD</sup> NORTH	TRICKLE DUSTER SC898	condition is good	Checked Flame Paths, glands, glands, fire protection	GH
4-21	3 <sup>RD</sup> NORTH West mains 17-2	488 SECTION SCOOP #	Missing Nip and battery lid locking devices.	installed Lock ring devices on Nip & battery Lids	GH
4-21	3 <sup>RD</sup> NORTH	& CHARGER #11	condition is good	checked fire protection, cables,	GH
	3 <sup>RD</sup> NORTH	" " " "	" " " "	enclosure, glands, Nips, updated ins tag	GH
4-21	3 <sup>RD</sup> NORTH	HEAT LAMP #7	good	checked elements, breaker, cord	GH
	3 <sup>RD</sup> NORTH				
	3 <sup>RD</sup> NORTH	4590 MINER	METHANE MONITOR CALIBRATED 2.5% GAS monthly		

NOTE'S updated All fire Extinguisher inspection tags.

LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

PERMISSIBILITY WEEKLY DATE ENDING 4-21-07

15 April 2007

TIM HARPER

SOUTH CRANDALE 3<sup>RD</sup> EAST

SO. CRANDALL & CRANDALL PHONES, D-BOXES, WELDERS,  
HEAT TAPE BELT SCALES PED SYSTEM PRESSURE WASHER  
# 4 STAMLER FEEDER  
SECTION TRANS, KITCHEN LIGHT & MICROWAVE  
CAR, CHARGER TRICKLE DUSTER  
UNTRACK & CHARGERS  
BOTH BELT KITCHEN'S, DUSTER @ XC 3 M.W.  
TRICKLE DUSTER XC 8 M. N.

Signature

DATE 4-21-07

2MSHA05546

## INSPECTION OF NON-PERMISSIBLE ELECTRICAL EQUIPMENT

<p>FIRE PROTECTION, FIRE EXTINGUISHER FOR DEFECTS 250 LBS. ROCK DUST IF NEEDED, FIRE EXTINGUISHER INSPECTION TAG AND DATED, SELF ACTUATING FIRE SUPPRESSIONS ARE OPERATIVE AND WIRED CORRECTLY TO REMOVE POWER FROM EQUIPMENT OR ENGINE SHUT DOWN, NOZZLES ARE PROTECTED AND PROPER LOCATION, HOSE ARE SECURED AND PROTECTED FROM DAMAGE, GAS BOTTLES OR AIR TANKS ARE NOT EXPENDED OUT.</p>
<p>CABLES AND CONDUITS IN GOOD CONDITION, CABLE ENTRANCE GLANDS PROPERLY INSTALLED, ADDITIONAL INSULATION PROVIDED ON ENTRANCE GLAND IF NEEDED, CABLES ARE ENTERED CORRECTLY, MONITOR AND GROUND CONNECTION ARE SEPARATED, BUSHED WERE PASS THROUGH MEDAL WALLS</p>
<p>EQUIPMENT GUARDS ARE IN PLACE AND SECURED, OPENINGS IN ELECTRICAL CONTROLLERS PLUGGED OR COVERED, DOORS TO ELECTRICAL CIRCUITS ARE SECURED SHUT, VISUAL WINDOWS IN GOOD CONDITION, ELECTRICAL CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EMERGENCY STOP SWITCHES WORK CORRECTLY, START AND STOP SWITCHES WORK PROPERLY, CHECK EQUIPMENT FOR PROPER OPERATION,</p>
<p>DISCONNECTS ARE IDENTIFIED CORRECTLY, ELECTRICAL PLUG AND RECEPTACLE IDENTIFIED CORRECTLY, RECEPTACLES AND PLUGS IN GOOD CONDITION, CIRCUITS ARE IDENTIFIED, PROVISIONS FOR LOCK OUT OF PLUG AND MACHINE, STRAIN CLAMPS INSTALLED AND WITH ADDITIONAL INSULATION, DUST COVERS FOR RECEPTACLES IN PLACE, GROUND STRAPS ARE HOOKED UP,</p>
<p>POWER CABLE IS HUNG ON INSULATORS, GUARDED WHERE IT CROSSES COMMUNICATION LINES AND HIGH VOLTAGE CABLE, IN GOOD CONDITION</p>
<p>CORRECT PROTECTION PROVIDED, OVERLOAD, SHORT CIRCUIT, GROUND FAULT, UNDER VOLTAGE,</p>
<p>CORRECT INSTANTANEOUS BREAKER SETTING (7 TIMES FLA=LOW 13 TIMES FLA=HIGH) THIS IS FOR POWER CABLES ONLY, 1.25 TIMES FLA= AMPACITES SIZE FOR CABLE</p>
<p>EQUIPMENT FREE OF ACCUMULATIONS, 24" CLEARANCE AROUND ALL SIDES, NO ROOF AND RIB HAZARDS, AREA WELL ROCK DUSTED</p>

2MSHA05547

## INSPECTION OF PERMISSIBLE ELECTRICAL EQUIPMENT

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
CABLE REELS SHEAVES TURN FREELY, SHARPE EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY
CONTROLLERS, MOTORS, EXPLOSION PROOF COMPARTMENTS, FOR EXCESSIVE OPENINGS OF FLAME PATH, DIAMETRICAL CLEARANCE OF SHAFTS, MISSING BOLTS, LOCK WASHERS, FLAT WASHERS, GENERAL CONDITION OF COMPARTMENT
CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED
INTERMACHINE CABLES HAVE NO SPLICES, CONDUITS ARE IN GOOD CONDITION, MARKED FLAME RESISTANCE, PROPERLY CLAMPED ON GLAND, SEPARATE FROM HYD. HOSES, AND PROTECTED FROM DAMAGE
CHECK LIGHTS FOR OPERATION, LIGHTS SECURED DOWN, LIGHT LENS NOT DEFECTIVE, LENS SECURED BY LOCK DEVICE LIGHTS IN GOOD CONDITION
CHECK FOR PROPER OPERATION OF CIRCUIT BREAKERS, OVERLOAD PROTECTION, PROPER OPERATION OF ELECTRICAL CIRCUITS, EMERGENCY STOP CONTROLS, SWITCH OPERATIONS
CHECK FOR PROPER 2G APPROVAL PLATE, X/P TAGS ON EXPLOSION PROOF ENCLOSURES, CAB CERTIFICATION TAG
CHECK FOR PROPER OPERATION OF PARKING BRAKES, SERVICE BRAKE OPERATION
CHECK FOR OIL, COAL, GREASE ACCUMULATIONS ON MACHINE, PROPER GUARDING OF ROTATING PARTS TO PREVENT PERSONAL INJURY
CHECK BATTERY COVERS ARE SECURED, BATTERIES COVERS ARE INSULATED, RECEPTICALS ARE IN GOOD CONDITION, LOCKING DEVICE IS INSTALLED TO PREVENT NIP FROM LOSING, CELL WATER LEVELS ARE CORRECT, CELL CAPS IN PLACE
CHECK FIRE SUPPRESSION FOR PROPER SPRAYS, SPRAY LOCATION, SPRAYS HAVE PROTECTIVE CAPS, (BATTERY BACKUP IS OPERATIONAL) ACTUATION BUTTON NOT SEIZED, CO2 BOTTLES NOT EXPENDED OUT, BOTTLES NOT DAMAGE, GENERAL CONDITION OF SYSTEM, FIRE EXTINGUISHER IN GOOD CONDITION, INSPECTION TAG ATTACHED AND EXTINGUISHER IS MOUNTED SECURELY.

COMMENTS:

2MSHA05548



DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
	GEN. MINE				
4-20	GEN. MINE	MILLER WELDER #353049	condition is good	checked cables, Nip, ground clamp, enclosure, glands, brass tag	GH
4-21	1 <sup>ST</sup> EAST XC-13	#19 D-BOX	condition is good	checked ground binder, breaker, NIP, strain clamp, enclosure, cable	GH
4-21	SO.CRANDALL	PHONE SYSTEM	good	Tested OK	GH
4-21	SO.CRANDALL #1 BELT	110 VOLT HEAT TAPE	Missing plastic seal on fire protection,	Replaced seal	GH
4-21	SOUTH CRANDALL	D BOXES FOR CHARGER #002	condition is good	checked enclosure, cables, Brass tag, Nip covers, fire protection,	GH
4-21	GEN MINE	# 3 WELDER	good	checked enclosure, cable, Nip, ground clamp,	GH
4-21	GEN. MINE	MINE PHONES	good	Tested OK	GH
4-21	X-C 5 MAIN NORTH	BELT SCALES	condition is good	checked fire protection, enclosure, cable, NIP, glands,	GH
4-21	X-C 44 MAIN WEST	PED SYSTEM	condition is good	checked fire protection, enclosure, cables	GH
4-21	X-C 49 MAIN WEST	ELECTRIC PRESSURE WASHER	condition is good at time of inspection	checked e-stop, breaker, cables, fire protection, guards	GH

NOTES:

updated All fire Extinguisher inspection tags.

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PERMISSIBILITY MUST

BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
	GEN MINE				
4-21	So. MAINS SO. CRANDALL	#1 UNITRAC	Missing NIP locking device and has oil accumulations.	installed locking device and did wash down.	CPV
4-21	SO. MAINS SO. CRANDALL	UNITRAC CHARGER#1	condition is good	checked fire protection, cables, nip, enclosure, glands.	CPV
4-21	XC 7 MAIN WEST	HEAT LAMP # 4 0204002588 MICROWAVE	condition is good	checked fire protection, cables, breaker elements, enclosure, Brass tags.	CPV
4-21	XC 8 MAIN NORTH	TRICKLE DUSTER #2	condition is good	checked fire protection, glands, cable, glands, breaker.	CPV
4-21	GEN. MINE	#2 UNITRAC	missing set screw on light cover.	installed set screw on light cover.	CPV
4-21	GEN. MINE	#2 UNITRAC CHARGER	condition is good	checked fire protection, enclosure, nip.	CPV
4-20	XC 89 MAIN SO #1 BELT	TRICKLE DUSTER #4	good	checked flame paths, fire protection, guarding, packing glands.	CPV
4-20	XC 14 SC MAIN	TRICKLE DUSTER #3	OOS	None	CPV
4-21	XC 34 MAIN NORTH	TRICKLE DUSTER #1	condition is good	checked flame paths, packing glands, guarding, fire protection.	CPV
4-21	GEN MINE	BOOM TRUCK	good	checked lights, brakes, hoses, fire protection.	CPV
4-21	SOUTH CRANDALL	BATTERY CHARGER & DUSTER	Tagged out of service	None	CPV
4-21	XC 30 MW	Battery Duster	missing Battery lid locking device	installed locking device on lid.	CPV
4-21	main west	636	missing fire suppressant and oil accumulations.	installed cap, Tagged out for needed wash down.	CPV
4-21	main west	Belt winder	Tagged out of service	Tagged out of service	CPV

LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

NOTE'S

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PERMISSIBILITY WEEKLY DATE ENDING 421

15 April 2007

FOSTER MCAURTHUR

ALL PORTABLE AND PERMANENT PUMP'S

SIGNED

**Signature**

DATE 4-20-07

## INSPECTION OF NON-PERMISSIBLE ELECTRICAL EQUIPMENT

<p>FIRE PROTECTION, FIRE EXTINGUISHER FOR DEFECTS 250 LBS. ROCK DUST IF NEEDED, FIRE EXTINGUISHER INSPECTION TAG AND DATED, SELF ACTUATING FIRE SUPPRESSIONS ARE OPERATIVE AND WIRED CORRECTLY TO REMOVE POWER FROM EQUIPMENT OR ENGINE SHUT DOWN, NOZZLES ARE PROTECTED AND PROPER LOCATION, HOSE ARE SECURED AND PROTECTED FROM DAMAGE, GAS BOTTLES OR AIR TANKS ARE NOT EXPENDED OUT.</p>
<p>CABLES AND CONDUITS IN GOOD CONDITION, CABLE ENTRANCE GLANDS PROPERLY INSTALLED, ADDITIONAL INSULATION PROVIDED ON ENTRANCE GLAND IF NEEDED, CABLES ARE ENTERED CORRECTLY, MONITOR AND GROUND CONNECTION ARE SEPARATED, BUSHED WERE PASS THROUGH MEDAL WALLS</p>
<p>EQUIPMENT GUARDS ARE IN PLACE AND SECURED, OPENINGS IN ELECTRICAL CONTROLLERS PLUGGED OR COVERED, DOORS TO ELECTRICAL CIRCUITS ARE SECURED SHUT, VISUAL WINDOWS IN GOOD CONDITION, ELECTRICAL CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EMERGENCY STOP SWITCHES WORK CORRECTLY, START AND STOP SWITCHES WORK PROPERLY, CHECK EQUIPMENT FOR PROPER OPERATION,</p>
<p>DISCONNECTS ARE IDENTIFIED CORRECTLY, ELECTRICAL PLUG AND RECEPTACLE IDENTIFIED CORRECTLY, RECEPTACLES AND PLUGS IN GOOD CONDITION, CIRCUITS ARE IDENTIFIED, PROVISIONS FOR LOCK OUT OF PLUG AND MACHINE, STRAIN CLAMPS INSTALLED AND WITH ADDITIONAL INSULATION, DUST COVERS FOR RECEPTACLES IN PLACE, GROUND STRAPS ARE HOOKED UP,</p>
<p>POWER CABLE IS HUNG ON INSULATORS, GUARDED WHERE IT CROSSES COMMUNICATION LINES AND HIGH VOLTAGE CABLE, IN GOOD CONDITION</p>
<p>CORRECT PROTECTION PROVIDED, OVERLOAD, SHORT CIRCUIT, GROUND FAULT, UNDER VOLTAGE,</p>
<p>CORRECT INSTANTANEOUS BREAKER SETTING (7 TIMES FLA=LOW 13 TIMES FLA=HIGH) THIS IS FOR POWER CABLES ONLY, 1.25 TIMES FLA= AMPACITES SIZE FOR CABLE</p>
<p>EQUIPMENT FREE OF ACCUMULATIONS, 24" CLEARANCE AROUND ALL SIDES, NO ROOF AND RIB HAZARDS, AREA WELL ROCK DUSTED</p>

## INSPECTION OF PERMISSIBLE ELECTRICAL EQUIPMENT

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
CABLE REELS SHEAVES TURN FREELY, SHARP EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY
CONTROLLERS, MOTORS, EXPLOSION PROOF COMPARTMENTS, FOR EXCESSIVE OPENINGS OF FLAME PATH, DIAMETRICAL CLEARANCE OF SHAFTS, MISSING BOLTS, LOCK WASHERS, FLAT WASHERS, GENERAL CONDITION OF COMPARTMENT
CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED
INTERMACHINE CABLES HAVE NO SPLICES, CONDUITS ARE IN GOOD CONDITION, MARKED FLAME RESISTANCE, PROPERLY CLAMPED ON GLAND, SEPARATE FROM HYD. HOSES, AND PROTECTED FROM DAMAGE
CHECK LIGHTS FOR OPERATION, LIGHTS SECURED DOWN, LIGHT LENS NOT DEFECTIVE, LENS SECURED BY LOCK DEVICE LIGHTS IN GOOD CONDITION
CHECK FOR PROPER OPERATION OF CIRCUIT BREAKERS, OVERLOAD PROTECTION, PROPER OPERATION OF ELECTRICAL CIRCUITS, EMERGENCY STOP CONTROLS, SWITCH OPERATIONS
CHECK FOR PROPER 2G APPROVAL PLATE, X/P TAGS ON EXPLOSION PROOF ENCLOSURES, CAB CERTIFICATION TAG
CHECK FOR PROPER OPERATION OF PARKING BRAKES, SERVICE BRAKE OPERATION
CHECK FOR OIL, COAL, GREASE ACCUMULATIONS ON MACHINE, PROPER GUARDING OF ROTATING PARTS TO PREVENT PERSONAL INJURY
CHECK BATTERY COVERS ARE SECURED, BATTERIES COVERS ARE INSULATED, RECEPTICALS ARE IN GOOD CONDITION, LOCKING DEVICE IS INSTALLED TO PREVENT NIP FROM LOSING, CELL WATER LEVELS ARE CORRECT, CELL CAPS IN PLACE
CHECK FIRE SUPPRESSION FOR PROPER SPRAYS, SPRAY LOCATION, SPRAYS HAVE PROTECTIVE CAPS, (BATTERY BACKUP IS OPERATIONAL) ACTUATION BUTTON NOT SEIZED, CO2 BOTTLES NOT EXPENDED OUT, BOTTLES NOT DAMAGE, GENERAL CONDITION OF SYSTEM, FIRE EXTINGUISHER IN GOOD CONDITION, INSPECTION TAG ATTACHED AND EXTINGUISHER IS MOUNTED SECURELY.

COMMENTS:

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**PERMISSIBILITY MUST BE SIGNED AND DATED**

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-19-07	XC15 RETURN	5HP PUMP P 5-36	α		FM
4-18-07	XC39 MW RETURN	6.4 HP PUMP P 6.4 35	α		FM
4-18-07	XC 39 MW RETURN	13HP PUMP P13 - 34	α		FM
4-18-07	XC 44 M.W. RETURN	6.4 KW PUMP P6.4 33	α		FM
4-18-07	XC 47 M.W. RETURN	6.4KW PUMP P 6.4-30	α		FM
	1 <sup>ST</sup> EAST BLEEDER PUMPS	2 G PUMP SYSTEM			
4-17-07	XC 52 1 <sup>ST</sup> EAST	13 HP PUMP SC #18	α		FM
4-17-07	XC5 BLEEDER	13 HP PUMP	α		FM
4-17-07	XC35 2EAST	13HP PUMP	α		FM
	2 <sup>ND</sup> EAST	2 G PUMP SYSTEM			
4-17-07	XC33 2NDEAST	5HP PUMP	α		FM
4-17-07	XC 20	D BOXES # 7 & RED OUT	α		FM
4-17-07	XC 23 BLEEDER	5HP PUMP P# 23	α		FM
4-17-07	XC-52 1 <sup>ST</sup> EAST	13 HP P# 52	α		FM

NOTE'S \_\_\_\_\_  
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DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
	1 <sup>ST</sup> WEST & 2 WEST BLEEDER	2G PUMP SYSTEM			
4-16-07	XC 12 1 <sup>ST</sup> WEST	2G P 13 -1	α		FM
4-16-07	XC 1 BLEEDER 1 <sup>ST</sup> WEST	2G P13 -2	α		FM
4-16-07	XC 7 2NDWEST BLEEDER	2G P 13-3	+ α		FM
4-16-07	DOG LEG 2 <sup>ND</sup> WEST BLEEDER	2G P13-4	α		FM
4-16-07	3 <sup>RD</sup> LEFT	2G P 5-1	α		FM
4-16-07	REGULATOR 3 1/4	2G P 5-2	α		FM
4-16-07	3 1/2 CORNER	2G P 13-5	α		FM
4-16-07	3 1/2 CORNER	2G P 28 -1	α		FM
4-16-07	3 1/2 BLEEDER	2G 5-3	α		FM
4-16-07	3 1/4 XC2	2G 5-4	α		FM
4-16-07	3 1/4 XC 5	2G 5-5	α		FM
4-16-07	3 1/4 XC 10	2G 5-6	α		FM
4-16-07	3 1/2 CORNER	2G 30hp pump	α		FM
4-16-07	3 1/2 CORNER	2G30hp pump	α		FM

PERMISSIBILITY MUST BE SIGNED AND DATED

2MSHA05556

PERMISSIBILITY WEEKLY DATE ENDING 4/21/07

15 April 2007

RUSS LARSON  
CRANDALL MINE CONSPEC SYSTEM  
SOUTH CRANDALL MINE CONSPEC SYSTEM

SIGNED  DATE 7-19-07

PERMISSABILITY MUST BE SIGNED AND DATED

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
CABLE REELS SHEAVES TURN FREELY, SHARPE EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY
CONTROLLERS, MOTORS, EXPLOSION PROOF COMPARTMENTS, FOR EXCESSIVE OPENINGS OF FLAME PATH, DIAMETRICAL CLEARANCE OF SHAFTS, MISSING BOLTS, LOCK WASHERS, FLAT WASHERS, GENERAL CONDITION OF COMPARTMENT
CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED
INTERMACHINE CABLES HAVE NO SPLICES, CONDUITS ARE IN GOOD CONDITION, MARKED FLAME RESISTANCE, PROPERLY CLAMPED ON GLAND, SEPARATE FROM HYD. HOSES, AND PROTECTED FROM DAMAGE
CHECK LIGHTS FOR OPERATION, LIGHTS SECURED DOWN, LIGHT LENS NOT DEFECTIVE, LENS SECURED BY LOCK DEVICE LIGHTS IN GOOD CONDITION
CHECK FOR PROPER OPERATION OF CIRCUIT BREAKERS, OVERLOAD PROTECTION, PROPER OPERATION OF ELECTRICAL CIRCUITS, EMERGENCY STOP CONTROLS, SWITCH OPERATIONS
CHECK FOR PROPER 2G APPROVAL PLATE, X/P TAGS ON EXPLOSION PROOF ENCLOSURES, CAB CERTIFICATION TAG
CHECK FOR PROPER OPERATION OF PARKING BRAKES, SERVICE BRAKE OPERATION
CHECK FOR OIL, COAL, GREASE ACCUMULATIONS ON MACHINE, PROPER GUARDING OF ROTATING PARTS TO PREVENT PERSONAL INJURY
CHECK BATTERY COVERS ARE SECURED, BATTERIES COVERS ARE INSULATED, RECEPTICALS ARE IN GOOD CONDITION, LOCKING DEVICE IS INSTALLED TO PREVENT NIP FROM LOSING, CELL WATER LEVELS ARE CORRECT, CELL CAPS IN PLACE
CHECK FIRE SUPPRESSION FOR PROPER SPRAYS, SPRAY LOCATION, SPRAYS HAVE PROTECTIVE CAPS, (BATTERY BACKUP IS OPERATIONAL) ACTUATION BUTTON NOT SEIZED, CO2 BOTTLES NOT EXPENDED OUT, BOTTLES NOT DAMAGE, GENERAL CONDITION OF SYSTEM, FIRE EXTINGUISHER IN GOOD CONDITION, INSPECTION TAG ATTACHED AND EXTINGUISHER IS MOUNTED SECURELY.

COMMENTS:

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-19-07	CRANDALL MINE	CONSPEC SYSTEM	OK		RL
4-19-07	SO. CRANDALL MINE	CONSPEC SYSTEM	OK		RL
<i>Section alarm functions test</i>					
4-19-07	Main West alarm box		OK		JPL

NOTE'S \_\_\_\_\_  
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LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S
4-19-07	Battery Drill & charger	OK		RL

PERMISSIBILITY WEEKLY DATE ENDING

*4/21/07*

**15 April 2007**

**RUSS LARSON**

ALL CAP LAMP'S AND CHARGER'S

**Signature**

SIG

DATE

*4/19/07*

2MSHA05560

## INSPECTION OF PERMISSIBLE ELECTRICAL EQUIPMENT

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
CABLE REELS SHEAVES TURN FREELY, SHARPE EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY
CONTROLLERS, MOTORS, EXPLOSION PROOF COMPARTMENTS, FOR EXCESSIVE OPENINGS OF FLAME PATH, DIAMETRICAL CLEARANCE OF SHAFTS, MISSING BOLTS, LOCK WASHERS, FLAT WASHERS, GENERAL CONDITION OF COMPARTMENT
CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED
INTERMACHINE CABLES HAVE NO SPLICES, CONDUITS ARE IN GOOD CONDITION, MARKED FLAME RESISTANCE, PROPERLY CLAMPED ON GLAND, SEPARATE FROM HYD. HOSES, AND PROTECTED FROM DAMAGE
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CHECK FOR PROPER OPERATION OF CIRCUIT BREAKERS, OVERLOAD PROTECTION, PROPER OPERATION OF ELECTRICAL CIRCUITS, EMERGENCY STOP CONTROLS, SWITCH OPERATIONS
CHECK FOR PROPER 2G APPROVAL PLATE, X/P TAGS ON EXPLOSION PROOF ENCLOSURES, CAB CERTIFICATION TAG
CHECK FOR PROPER OPERATION OF PARKING BRAKES, SERVICE BRAKE OPERATION
CHECK FOR OIL, COAL, GREASE ACCUMULATIONS ON MACHINE, PROPER GUARDING OF ROTATING PARTS TO PREVENT PERSONAL INJURY
CHECK BATTERY COVERS ARE SECURED, BATTERIES COVERS ARE INSULATED, RECEPICALS ARE IN GOOD CONDITION, LOCKING DEVICE IS INSTALLED TO PREVENT NIP FROM LOSING, CELL WATER LEVELS ARE CORRECT, CELL CAPS IN PLACE
CHECK FIRE SUPPRESSION FOR PROPER SPRAYS, SPRAY LOCATION, SPRAYS HAVE PROTECTIVE CAPS, (BATTERY BACKUP IS OPERATIONAL) ACTUATION BUTTON NOT SEIZED, CO2 BOTTLES NOT EXPENDED OUT, BOTTLES NOT DAMAGE, GENERAL CONDITION OF SYSTEM, FIRE EXTINGUISHER IN GOOD CONDITION, INSPECTION TAG ATTACHED AND EXTINGUISHER IS MOUNTED SECURELY.

COMMENTS:

2MSHA05561

APR  
2007

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	EQUIPMENT CHARGERS ABOVE SHOP	CONDITION	ACTION TAKEN	INITIAL'S
19	# 1 CAP LAMP & CHARGER	OK		RL
/	# 2 CAP LAMP & CHARGER			
/	# 3 CAP LAMP & CHARGER			
19	# 4 CAP LAMP & CHARGER	OK		
	<del># 5 CAP LAMP &amp; CHARGER</del>	OOS		
19	# 6 CAP LAMP & CHARGER	OK		
19	# 7 CAP LAMP & CHARGER	OK		
	<del># 8 CAP LAMP &amp; CHARGER</del>	OOS		
19	# 9 CAP LAMP & CHARGER	OK		
/	# 10 CAP LAMP & CHARGER			
/	# 11 CAP LAMP & CHARGER			
19	# 12 CAP LAMP & CHARGER			
/	# 13 CAP LAMP & CHARGER			
/	# 14 CAP LAMP & CHARGER			
19	# 15 CAP LAMP & CHARGER			
/	# 16 CAP LAMP & CHARGER			
/	# 17 CAP LAMP & CHARGER			
19	# 18 CAP LAMP & CHARGER			
19	# 19 CAP LAMP & CHARGER			
C	# 20 CAP LAMP & CHARGER			
19	# 21 CAP LAMP & CHARGER	OK		
	<del># 22 CAP LAMP &amp; CHARGER</del>	OOS		
19	# 23 CAP LAMP & CHARGER	OK		
/	# 24 CAP LAMP & CHARGER			
/	# 25 CAP LAMP & CHARGER			
/	# 26 CAP LAMP & CHARGER			
/	# 27 CAP LAMP & CHARGER			
/	# 28 CAP LAMP & CHARGER			
19	# 29 CAP LAMP & CHARGER			
19	# 30 CAP LAMP & CHARGER	OK		RL

APR  
2007

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S	
19	# 31 CAP LAMP & CHARGER	OK		RL	
/	# 32 CAP LAMP & CHARGER				
/	# 33 CAP LAMP & CHARGER				
/	# 34 CAP LAMP & CHARGER				
19	# 35 CAP LAMP & CHARGER		OK		
<del>19</del>	<del># 36 CAP LAMP &amp; CHARGER</del>		<del>OK</del>		
19	# 37 CAP LAMP & CHARGER		OK		
/	# 38 CAP LAMP & CHARGER				
19	# 39 CAP LAMP & CHARGER				
/	# 40 CAP LAMP & CHARGER				
19	# 41 CAP LAMP & CHARGER				
/	# 42 CAP LAMP & CHARGER				
/	# 43 CAP LAMP & CHARGER				
/	# 44 CAP LAMP & CHARGER				
/	# 45 CAP LAMP & CHARGER				
/	# 46 CAP LAMP & CHARGER				
/	# 47 CAP LAMP & CHARGER				
/	# 48 CAP LAMP & CHARGER				
29	# 49 CAP LAMP & CHARGER	OK			
<del>19</del>	<del># 50 CAP LAMP &amp; CHARGER</del>	<del>OK</del>			
19	# 51 CAP LAMP & CHARGER	OK			
/	# 52 CAP LAMP & CHARGER				
/	# 53 CAP LAMP & CHARGER				
/	# 54 CAP LAMP & CHARGER				
/	# 55 CAP LAMP & CHARGER				
19	# 56 CAP LAMP & CHARGER	OK		RL	

NOTE'S

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2MSHA05563

APR  
2007

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
19	# 57 CAP LAMP & CHARGER	OK		RL
19	# 58 CAP LAMP & CHARGER	OK		
	# 59 CAP LAMP & CHARGER	OK		
19	# 60 CAP LAMP & CHARGER	OK		
19	# 61 CAP LAMP & CHARGER			
	# 62 CAP LAMP & CHARGER			
	# 63 CAP LAMP & CHARGER			
	# 64 CAP LAMP & CHARGER			
	# 65 CAP LAMP & CHARGER			
	# 66 CAP LAMP & CHARGER			
	# 67 CAP LAMP & CHARGER			
	# 68 CAP LAMP & CHARGER	OK		
	# 69 CAP LAMP & CHARGER	PTO cut up	replaced	
1/19	# 70 CAP LAMP & CHARGER	PTO cut up	replaced	
1	# 71 CAP LAMP & CHARGER	OK		
19	# 72 CAP LAMP & CHARGER			
19	# 73 CAP LAMP & CHARGER			
19	# 74 CAP LAMP & CHARGER			
	# 75 CAP LAMP & CHARGER			
	# 76 CAP LAMP & CHARGER			
	# 77 CAP LAMP & CHARGER			
	# 78 CAP LAMP & CHARGER			
	# 79 CAP LAMP & CHARGER			
19	# 80 CAP LAMP & CHARGER			
19	# 81 CAP LAMP & CHARGER			
19	# 82 CAP LAMP & CHARGER	OK		M

NOTE'S \_\_\_\_\_  
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APR  
2007

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
19	# 83 CAP LAMP & CHARGER	OK		RL
19	# 84 CAP LAMP & CHARGER	OK		RL
	# 85 CAP LAMP & CHARGER			
	# 86 CAP LAMP & CHARGER			
	# 87 CAP LAMP & CHARGER			
	# 88 CAP LAMP & CHARGER			
	# 89 CAP LAMP & CHARGER			
	19			
19	# 91 CAP LAMP & CHARGER			
19	# 92 CAP LAMP & CHARGER	OK		
	<del># 93 CAP LAMP &amp; CHARGER</del>	OOS		
19	# 94 CAP LAMP & CHARGER	OK		
19	# 95 CAP LAMP & CHARGER	OK		RL
	# 96 CAP LAMP & CHARGER			
	# 97 CAP LAMP & CHARGER			
	# 98 CAP LAMP & CHARGER			
	# 99 CAP LAMP & CHARGER			
	# 100 CAP LAMP & CHARGER			
19	# 101 CAP LAMP & CHARGER			
19	# 102 CAP LAMP & CHARGER	OK		RL
	# 103 CAP LAMP & CHARGER			
	# 104 CAP LAMP & CHARGER			
	# 105 CAP LAMP & CHARGER			
	# 106 CAP LAMP & CHARGER			
	# 107 CAP LAMP & CHARGER			
	19			

NOTE'S \_\_\_\_\_  
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PERMISSIBILITY WEEKLY DATE ENDING 4-21-07

15 April 2007

HUGH ARRIOTTI BLAIN FILLMORE

OUT-BY 2- ENTRY DIESEL EQUIPMENT

, DIESEL BOLTER ALLCO GATOR  
, # 404, JEFFRY DUSTER #10 BUCKEN WHILLEY

SIGNATURE

**Signature**

DATE

4-21-07

**MUST BE SIGNED AND DATED**

**PERMISSIBILITY**

2MSHA05567

### INSPECTION OF PERMISSIBLE DIESEL EQUIPMENT (HEAVY DUTY)

INTAKE AIR SYSTEM, CHECK FOR DAMAGE OR ALTERED, COPPER GASKET IN GOOD CONDITION, INTAKE FLAME ARRESTER CLEAN, NO EXCESSIVE OPENINGS .018 INCH FILAMENT TYPE, NO HOLE TYPE DO LIGHT TEST

EXHAUST SYSTEM, CHECK ALL BOLTS AND WASHERS IN PLACE AND TIGHT, ALL GASKETS INSTALLED AND JOINTS TIGHT, EXHAUST SYSTEM FASTENERS IN PLACE AND TIGHT, EXHAUST IN GOOD CONDITION, HOLES PLUGGED, NO CRACKS

CHECK SHUT DOWN, INTAKE VACUUM NOT TO EXCEED 25" OF WATER AT FULL THROTTLE, EXHAUST BACK PRESSURE AT FULL THROTTLE NOT TO EXCEED 34" OF WATER, CHECK FOR AIR SYSTEM LEAKS, SCRUBBER SYSTEM SHUT DOWN LOW WATER, HIGH TEMP. SHUT DOWN, HIGH COOLANT SHUT DOWN, EMERGENCY INTAKE AIR SHUT OFF OPERATIONAL, BRAKES OPERATIONAL SET UP WITH IN 5 SEC. OF SHUT DOWN, ALL COVERS AND GUARDS IN PLACE AND SECURED DOWN,

CHECK FIRE SUPPRESSION SPRAYS CAPPED, HOSED PROTECTED FROM DAMAGE, ACTUATOR PRESSURIZED, AUTOMATIC SYSTEM FUNCTIONAL, FIRE SUPPRESSION ENGINE SHUT DOWN OPERATIONAL, FIRE EXTINGUISHER MOUNTED, DATE AND INSPECTION TAG ATTACHED.

CHECK AUDIBLE WARNING DEVICE, MACHINE FREE OF ACCUMULATIONS, CHECK PARK BRAKE SYSTEM IS OPERATIONAL, CHECK MACHINE CONTROL'S FOR PROPER OPERATION, ALL LIGHTS WORK IN BOTH DIRECTIONS, PACKING GLANDS INSTALLED CORRECTLY, PACKING NUTS SECURED WITH LOCKING DEVICE, UNUSED GLANDS SPOT WELDED, CABLES AND CONDUITS ARE FLAME RESISTANT, CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EXPLOSION PROOF COMPARTMENTS, NO EXCESS GAPS. IN FLAME PATHS ALL BOLTS ARE TIGHT AND IN GOOD CONDITION, XP AND 2G TAGS ARE ON, ELECTRICAL SYSTEM IN GOOD CONDITION

2MSHA05568

INSPECTION OF NON-PERMISSIBLE DIESEL EQUIPMENT  
(HEAVY AND LIGHT DUTY)

FIRE PROTECTION, FIRE EXTINGUISHER FREE OF DEFECTS, INSPECTION TAG ON AND DATED, FIRE SUPPRESSION SYSTEM IS IN GOOD CONDITION AND OPERATIONAL, CAPS ARE ON NOZZLES, NOZZLES LOCATION IS CORRECT, ALL COMPONENTS ARE MOUNTED SECURELY,
SAFETY SHUT DOWN SYSTEMS ARE OPERATIONAL, FUEL SHUT OFF VALVES IN GOOD CONDITION AND LOCATION IS CORRECT,
EQUIPMENT IS FREE OF OIL, COAL, FUEL ACCUMULATIONS, STARTER FLUID IS IN PROPER CONTAINER,
FUEL SYSTEM, CHECK FOR FUEL LEAKS, SELF CLOSING FUEL CAP IS WORKING PROPERLY, HIGH PRESSURE FUEL LINES GUARDED OR COVERED PROPERLY, FUEL LINES PROTECTED FROM DAMAGE, FUEL TANK GUARD IN PLACE
ELECTRICAL SYSTEM, CHECK FOR PROPER FUSE SIZE, CORRECT TYPE OF FUSE, BATTERY COVERS IN PLACE, WIRING OF PROPER SIZE, MAIN DISCONNECT WORKING PROPERLY, WIRING BUSHED THROUGH METAL WALLS, WIRING SECURED DOWN, CHECK AUDIBLE WARNING DEVICE WORKING CORRECTLY, CHECK NEUTRAL START SWITCH, ALL BARE ELECTRICAL TERMINALS ARE INSULATED, ALL REQUIRED LIGHTS ARE WORKING, CHECK FUEL LINE ARE SEPARATED FROM ELECTRICAL WIRING
CHECK FOR CORRECT MSHA APPROVAL TAG ON ENGINE, ALL GLASS IN GOOD CONDITION, OPERATIONAL CONTROLS WORKING PROPERLY, SPARK ARRESTER INTACT, MACHINE PARKING BRAKE AND SERVICE BRAKES WORKING PROPERLY, EMERGENCY STOP PANIC BARS WORKING CORRECTLY IN GAGE BRAKING SYSTEM AND STOP MACHINE, WITHIN 5 SECONDS OF ENGINE SHUT DOWN (HEAVY DUTY ONLY)

## INSPECTION OF NON-PERMISSIBLE ELECTRICAL EQUIPMENT

FIRE PROTECTION, FIRE EXTINGUISHER FOR DEFECTS 250 LBS. ROCK DUST IF NEEDED, FIRE EXTINGUISHER INSPECTION TAG AND DATED, SELF ACTUATING FIRE SUPPRESSIONS ARE OPERATIVE AND WIRED CORRECTLY TO REMOVE POWER FROM EQUIPMENT OR ENGINE SHUT DOWN, NOZZLES ARE PROTECTED AND PROPER LOCATION, HOSE ARE SECURED AND PROTECTED FROM DAMAGE, GAS BOTTLES OR AIR TANKS ARE NOT EXPENDED OUT.

CABLES AND CONDUITS IN GOOD CONDITION, CABLE ENTRANCE GLANDS PROPERLY INSTALLED, ADDITIONAL INSULATION PROVIDED ON ENTRANCE GLAND IF NEEDED, CABLES ARE ENTERED CORRECTLY, MONITOR AND GROUND CONNECTION ARE SEPARATED, BUSHED WERE PASS THROUGH MEDAL WALLS

EQUIPMENT GUARDS ARE IN PLACE AND SECURED, OPENINGS IN ELECTRICAL CONTROLLERS PLUGGED OR COVERED, DOORS TO ELECTRICAL CIRCUITS ARE SECURED SHUT, VISUAL WINDOWS IN GOOD CONDITION, ELECTRICAL CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EMERGENCY STOP SWITCHES WORK CORRECTLY, START AND STOP SWITCHES WORK PROPERLY, CHECK EQUIPMENT FOR PROPER OPERATION,

DISCONNECTS ARE IDENTIFIED CORRECTLY, ELECTRICAL PLUG AND RECEPTACLE IDENTIFIED CORRECTLY, RECEPTACLES AND PLUGS IN GOOD CONDITION, CIRCUITS ARE IDENTIFIED, PROVISIONS FOR LOCK OUT OF PLUG AND MACHINE, STRAIN CLAMPS INSTALLED AND WITH ADDITIONAL INSULATION, DUST COVERS FOR RECEPTACLES IN PLACE, GROUND STRAPS ARE HOOKED UP,

POWER CABLE IS HUNG ON INSULATORS, GUARDED WHERE IT CROSSES COMMUNICATION LINES AND HIGH VOLTAGE CABLE, IN GOOD CONDITION

CORRECT PROTECTION PROVIDED, OVERLOAD, SHORT CIRCUIT, GROUND FAULT, UNDER VOLTAGE,

CORRECT INSTANTANEOUS BREAKER SETTING (7 TIMES FLA=LOW 13 TIMES FLA=HIGH)  
THIS IS FOR POWER CABLES ONLY, 1.25 TIMES FLA= AMPACITES SIZE FOR CABLE

EQUIPMENT FREE OF ACCUMULATIONS, 24" CLEARANCE AROUND ALL SIDES, NO ROOF AND RIB HAZARDS, AREA WELL ROCK DUSTED

**PERMISSIBILITY MUST BE SIGNED AND DATED**

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
	GEN MINE	JEFFREY DUSTER #13	005		
	GEN MINE	STEAM CLEANER	005		
	GEN MINE	DIESEL GATOR #15	005		
4-21	GEN MINE	#10 BUCKIN WILLY	Tail light.	Tagged out	BF

NOTE'S \_\_\_\_\_  
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LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

## INSPECTION OF NON-PERMISSIBLE ELECTRICAL EQUIPMENT

<p>FIRE PROTECTION, FIRE EXTINGUISHER FOR DEFECTS 250 LBS. ROCK DUST IF NEEDED, FIRE EXTINGUISHER INSPECTION TAG AND DATED, SELF ACTUATING FIRE SUPPRESSIONS ARE OPERATIVE AND WIRED CORRECTLY TO REMOVE POWER FROM EQUIPMENT OR ENGINE SHUT DOWN, NOZZLES ARE PROTECTED AND PROPER LOCATION, HOSE ARE SECURED AND PROTECTED FROM DAMAGE, GAS BOTTLES OR AIR TANKS ARE NOT EXPENDED OUT.</p>
<p>CABLES AND CONDUITS IN GOOD CONDITION, CABLE ENTRANCE GLANDS PROPERLY INSTALLED, ADDITIONAL INSULATION PROVIDED ON ENTRANCE GLAND IF NEEDED, CABLES ARE ENTERED CORRECTLY, MONITOR AND GROUND CONNECTION ARE SEPARATED, BUSHED WERE PASS THROUGH MEDAL WALLS</p>
<p>EQUIPMENT GUARDS ARE IN PLACE AND SECURED, OPENINGS IN ELECTRICAL CONTROLLERS PLUGGED OR COVERED, DOORS TO ELECTRICAL CIRCUITS ARE SECURED SHUT, VISUAL WINDOWS IN GOOD CONDITION, ELECTRICAL CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EMERGENCY STOP SWITCHES WORK CORRECTLY, START AND STOP SWITCHES WORK PROPERLY, CHECK EQUIPMENT FOR PROPER OPERATION,</p>
<p>DISCONNECTS ARE IDENTIFIED CORRECTLY, ELECTRICAL PLUG AND RECEPTACLE IDENTIFIED CORRECTLY, RECEPTACLES AND PLUGS IN GOOD CONDITION, CIRCUITS ARE IDENTIFIED, PROVISIONS FOR LOCK OUT OF PLUG AND MACHINE, STRAIN CLAMPS INSTALLED AND WITH ADDITIONAL INSULATION, DUST COVERS FOR RECEPTACLES IN PLACE, GROUND STRAPS ARE HOOKED UP,</p>
<p>POWER CABLE IS HUNG ON INSULATORS, GUARDED WHERE IT CROSSES COMMUNICATION LINES AND HIGH VOLTAGE CABLE, IN GOOD CONDITION</p>
<p>CORRECT PROTECTION PROVIDED, OVERLOAD, SHORT CIRCUIT, GROUND FAULT, UNDER VOLTAGE,</p>
<p>CORRECT INSTANTANEOUS BREAKER SETTING (7 TIMES FLA=LOW 13 TIMES FLA=HIGH) THIS IS FOR POWER CABLES ONLY, 1.25 TIMES FLA= AMPACITIES SIZE FOR CABLE</p>
<p>EQUIPMENT FREE OF ACCUMULATIONS, 24" CLEARANCE AROUND ALL SIDES, NO ROOF AND RIB HAZARDS, AREA WELL ROCK DUSTED</p>
<p>CONTROLLERS, MOTORS, EXPLOSION PROOF COMPARTMENTS, FOR EXCESSIVE OPENINGS OF FLAME PATH, DIAMETRICAL CLEARANCE OF SHAFTS, MISSING BOLTS, LOCK WASHERS, FLAT WASHERS, GENERAL CONDITION OF COMPARTMENT</p>
<p>CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED</p>

## INSPECTION OF PERMISSIBLE ELECTRICAL EQUIPMENT

INTERMACHINE CABLES HAVE NO SPLICES, CONDUITS ARE IN GOOD CONDITION, MARKED FLAME RESISTANCE, PROPERLY CLAMPED ON GLAND, SEPARATE FROM HYD. HOSES, AND PROTECTED FROM DAMAGE

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER

CABLE REELS SHEAVES TURN FREELY, SHARPE EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY

CHECK LIGHTS FOR OPERATION, LIGHTS SECURED DOWN, LIGHT LENS NOT DEFECTIVE, LENS SECURED BY LOCK DEVICE LIGHTS IN GOOD CONDITION

CHECK FOR PROPER OPERATION OF CIRCUIT BREAKERS, OVERLOAD PROTECTION, PROPER OPERATION OF ELECTRICAL CIRCUITS, EMERGENCY STOP CONTROLS, SWITCH OPERATIONS

CHECK FOR PROPER 2G APPROVAL PLATE, X/P TAGS ON EXPLOSION PROOF ENCLOSURES, CAB CERTIFICATION TAG

CHECK FOR PROPER OPERATION OF PARKING BRAKES, SERVICE BRAKE OPERATION

CHECK FOR OIL, COAL, GREASE ACCUMULATIONS ON MACHINE, PROPER GUARDING OF ROTATING PARTS TO PREVENT PERSONAL INJURY

CHECK BATTERY COVERS ARE SECURED, BATTERIES COVERS ARE INSULATED, RECEPTICALS ARE IN GOOD CONDITION, LOCKING DEVICE IS INSTALLED TO PREVENT NIP FROM LOSING, CELL WATER LEVELS ARE CORRECT, CELL CAPS IN PLACE

CHECK FIRE SUPPRESSION FOR PROPER SPRAYS, SPRAY LOCATION, SPRAYS HAVE PROTECTIVE CAPS, (BATTERY BACKUP IS OPERATIONAL) ACTUATION BUTTON NOT SEIZED, CO2 BOTTLES NOT EXPENDED OUT, BOTTLES NOT DAMAGE, GENERAL CONDITION OF SYSTEM, FIRE EXTINGUISHER IN GOOD CONDITION, INSPECTION TAG ATTACHED AND EXTINGUISHER IS MOUNTED SECURELY.

VEHICLE	CONDITIONS AND COMMENTS			WEEK OF
	SAFE TO OPERATE	EMMISSIONS & FIRE SUPP.	DEFECT OR CONDITION	CORRECTIVE ACTION
#1-975		938		
#4-975		473		
#5-GEHL				
#6-GEHL				
#7-GEHL				
#4-4110				
#1 TERRA PRO				

**WEEKLY H.D. & PERMISSIBLE VEHICLE CHECK**

PERMISSIBILITY weekly date ending 4-21-07

15 April 2007

HUGH ARRIOTTI BLAIN FILLMORE

ISUZU TRUCK'S

SIGN **Signature** DATE 4-21-07

**INSPECTION OF NON-PERMISSIBLE DIESEL EQUIPMENT  
(HEAVY AND LIGHT DUTY)**

FIRE PROTECTION, FIRE EXTINGUISHER FREE OF DEFECTS, INSPECTION TAG ON AND DATED, FIRE SUPPRESSION SYSTEM IS IN GOOD CONDITION AND OPERATIONAL, CAPS ARE ON NOZZLES, NOZZLES LOCATION IS CORRECT, ALL COMPONENTS ARE MOUNTED SECURELY,

SAFETY SHUT DOWN SYSTEMS ARE OPERATIONAL, FUEL SHUT OFF VALVES IN GOOD CONDITION AND LOCATION IS CORRECT,

EQUIPMENT IS FREE OF OIL, COAL, FUEL ACCUMULATIONS, STARTER FLUID IS IN PROPER CONTAINER,

FUEL SYSTEM, CHECK FOR FUEL LEAKS, SELF CLOSING FUEL CAP IS WORKING PROPERLY, HIGH PRESSURE FUEL LINES GUARDED OR COVERED PROPERLY, FUEL LINES PROTECTED FROM DAMAGE, FUEL TANK GUARD IN PLACE

ELECTRICAL SYSTEM, CHECK FOR PROPER FUSE SIZE, CORRECT TYPE OF FUSE, BATTERY COVERS IN PLACE, WIRING OF PROPER SIZE, MAIN DISCONNECT WORKING PROPERLY, WIRING BUSHED THROUGH METAL WALLS, WIRING SECURED DOWN, CHECK AUDIBLE WARNING DEVICE WORKING CORRECTLY, CHECK NEUTRAL START SWITCH, ALL BARE ELECTRICAL TERMINALS ARE INSULATED, ALL REQUIRED LIGHTS ARE WORKING, CHECK THAT FUEL LINES ARE SEPARATED FROM ELECTRICAL WIRING

CHECK FOR CORRECT MSHA APPROVAL TAG ON ENGINE, ALL GLASS IN GOOD CONDITION, OPERATIONAL CONTROLS WORKING PROPERLY, SPARK ARRESTER INTACT, MACHINE PARKING BRAKE AND SERVICE BRAKES WORKING PROPERLY, EMERGENCY STOP PANIC BARS CORRECTLY ENGAGE BRAKING SYSTEM AND STOP MACHINE, WITHIN 5 SECONDS OF ENGINE SHUT DOWN (HEAVY DUTY ONLY)

DATE	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-10	# 27 ISUZU	Tail light	Repaired	BF
	# 28 ISUZU	not done		
4-11	# 29 ISUZU	ODS		
4-11	# 31 ISUZU	Brakes	Repaired	
4-11	# 32 ISUZU	Brakes	Repaired	
4-12	# 36 ISUZU	All ten fms	Repaired	
	# 46 ISUZU	jumper		
4-10	# 47 ISUZU	Brakes		
4-12	# 2 ISUZU	OK		
4-10	# 3 ISUZU	Head lights	Repaired	
4-10	# 4 ISUZU	OK		
4-9	# 9 ISUZU	Brakes	Repaired	
4-2	# 11 ISUZU	wire Guard	Repaired	
4-9	# 12 ISUZU	Fire Supp. Star	Repaired	
4-8	# 1 ISUZU	Beep of alarm	Repaired	
4-9	# 44 ISUZU	Start Term	Repaired	
4-12	# 20 ISUZU	OK		
4-12	# 21 ISUZU	OK		
	# 22 ISUZU	ODS		
4-11	# 23 ISUZU	Brakes	Repaired	

PERMISSIBILITY

MUST BE SIGNED AND DATED

LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S
	1/2" DRILL	OK		BF
	4 1/2" GRINDER	OK		
	BATTERY CHARGER	OK		

2MSHA05578

PERMISSIBILITY WEEKLY DATE ENDING 4-21-07

MAIN WEST SECTION  
JASON FURRH  
#13269 FEEDER BREAKER  
12-6SC 12-8 SC 12-9 S/C 12-11 S/C  
#5,6 MRS'S

Signature

SIGNE

DATE

4-19-07

2MSHA05579

PERMISSABILITY MUST BE SIGNED AND DATED

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
CABLE REELS SHEAVES TURN FREELY, SHARPE EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY
CONTROLLERS, MOTORS, EXPLOSION PROOF COMPARTMENTS, FOR EXCESSIVE OPENINGS OF FLAME PATH, DIAMETRICAL CLEARANCE OF SHAFTS, MISSING BOLTS, LOCK WASHERS, FLAT WASHERS, GENERAL CONDITION OF COMPARTMENT
CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED
INTERMACHINE CABLES HAVE NO SPLICES, CONDUITS ARE IN GOOD CONDITION, MARKED FLAME RESISTANCE, PROPERLY CLAMPED ON GLAND, SEPARATE FROM HYD. HOSES, AND PROTECTED FROM DAMAGE
CHECK LIGHTS FOR OPERATION, LIGHTS SECURED DOWN, LIGHT LENS NOT DEFECTIVE, LENS SECURED BY LOCK DEVICE LIGHTS IN GOOD CONDITION
CHECK FOR PROPER OPERATION OF CIRCUIT BREAKERS, OVERLOAD PROTECTION, PROPER OPERATION OF ELECTRICAL CIRCUITS, EMERGENCY STOP CONTROLS, SWITCH OPERATIONS
CHECK FOR PROPER 2G APPROVAL PLATE, X/P TAGS ON EXPLOSION PROOF ENCLOSURES, CAB CERTIFICATION TAG
CHECK FOR PROPER OPERATION OF PARKING BRAKES, SERVICE BRAKE OPERATION
CHECK FOR OIL, COAL, GREASE ACCUMULATIONS ON MACHINE, PROPER GUARDING OF ROTATING PARTS TO PREVENT PERSONAL INJURY
CHECK BATTERY COVERS ARE SECURED, BATTERIES COVERS ARE INSULATED, RECEPICALS ARE IN GOOD CONDITION, LOCKING DEVICE IS INSTALLED TO PREVENT NIP FROM LOSING, CELL WATER LEVELS ARE CORRECT, CELL CAPS IN PLACE
CHECK FIRE SUPPRESSION FOR PROPER SPRAYS, SPRAY LOCATION, SPRAYS HAVE PROTECTIVE CAPS, (BATTERY BACKUP IS OPERATIONAL) ACTUATION BUTTON NOT SEIZED, CO2 BOTTLES NOT EXPENDED OUT, BOTTLES NOT DAMAGE, GENERAL CONDITION OF SYSTEM, FIRE EXTINGUISHER IN GOOD CONDITION, INSPECTION TAG ATTACHED AND EXTINGUISHER IS MOUNTED SECURELY.

COMMENTS:

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4/19	MAIN WEST	FEEDER BREAKER 13269	ACCUMULATION OIL / GREASE	WASHED CLEANED	J
4/19	MAIN WEST	12-6 SC	OOS	TAGGED OOS	J
4/19	MAIN WEST	12-8 SC	TORN CONDUIT FOR LIGHT	REPAIRED CONDUIT	J
4/19	MAIN WEST	12-11 SC	MISSING FERR SUPP. CAP	PUT ON A NEW ONE	J
4/19	MAIN WEST	12-9 S/C	OOS DBT	OOS	J
4/19	MAIN WEST	#5 MRS	OOS	TAGGED OOS	J
4/19	MAIN WEST	#6 MRS	OOS	TAGGED OOS	J
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
		JASON FURR			

NOTE'S

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LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

PERMISSIBILITY WEEKLY DATE ENDING 4-21-07

15 April 2007

NICK MILLS

# 5 & 7 848 BATTERY CAR'S  
BELT PORTAL DUSTER  
BELT PORTAL MAGNET'S & CONTROLLER'S  
MAIN LINE TRICKLE DUSTER'S  
, DIESEL GENERATOR BATTERY BOSTER #1  
SOUTH CRANDALL PUMPS  
ALL CRANDALL MINE BELTS & TAKE-UPS  
BELT BRAKES

SIGN

Signature

DATE

4-19-07

4-19-07

2MSHA05582

## INSPECTION OF NON-PERMISSIBLE ELECTRICAL EQUIPMENT

FIRE PROTECTION, FIRE EXTINGUISHER FOR DEFECTS 250 LBS. ROCK DUST IF NEEDED, FIRE EXTINGUISHER INSPECTION TAG AND DATED, SELF ACTUATING FIRE SUPPRESSIONS ARE OPERATIVE AND WIRED CORRECTLY TO REMOVE POWER FROM EQUIPMENT OR ENGINE SHUT DOWN, NOZZLES ARE PROTECTED AND PROPER LOCATION, HOSE ARE SECURED AND PROTECTED FROM DAMAGE, GAS BOTTLES OR AIR TANKS ARE NOT EXPENDED OUT.
CABLES AND CONDUITS IN GOOD CONDITION, CABLE ENTRANCE GLANDS PROPERLY INSTALLED, ADDITIONAL INSULATION PROVIDED ON ENTRANCE GLAND IF NEEDED, CABLES ARE ENTERED CORRECTLY, MONITOR AND GROUND CONNECTION ARE SEPARATED, BUSHED WERE PASS THROUGH MEDAL WALLS
EQUIPMENT GUARDS ARE IN PLACE AND SECURED, OPENINGS IN ELECTRICAL CONTROLLERS PLUGGED OR COVERED, DOORS TO ELECTRICAL CIRCUITS ARE SECURED SHUT, VISUAL WINDOWS IN GOOD CONDITION, ELECTRICAL CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EMERGENCY STOP SWITCHES WORK CORRECTLY, START AND STOP SWITCHES WORK PROPERLY, CHECK EQUIPMENT FOR PROPER OPERATION,
DISCONNECTS ARE IDENTIFIED CORRECTLY, ELECTRICAL PLUG AND RECEPTACLE IDENTIFIED CORRECTLY, RECEPTACLES AND PLUGS IN GOOD CONDITION, CIRCUITS ARE IDENTIFIED, PROVISIONS FOR LOCK OUT OF PLUG AND MACHINE, STRAIN CLAMPS INSTALLED AND WITH ADDITIONAL INSULATION, DUST COVERS FOR RECEPTACLES IN PLACE, GROUND STRAPS ARE HOOKED UP,
POWER CABLE IS HUNG ON INSULATORS, GUARDED WHERE IT CROSSES COMMUNICATION LINES AND HIGH VOLTAGE CABLE, IN GOOD CONDITION
CORRECT PROTECTION PROVIDED, OVERLOAD, SHORT CIRCUIT, GROUND FAULT, UNDER VOLTAGE,
CORRECT INSTANTANEOUS BREAKER SETTING (7 TIMES FLA=LOW 13 TIMES FLA=HIGH) THIS IS FOR POWER CABLES ONLY, 1.25 TIMES FLA= AMPACITES SIZE FOR CABLE
EQUIPMENT FREE OF ACCUMULATIONS, 24" CLEARANCE AROUND ALL SIDES, NO ROOF AND RIB HAZARDS, AREA WELL ROCK DUSTED

2MSHA05583



PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-19-07	BELT PORTAL	TRICKLE DUSTER#ST4471	all OK at time of inspection	checked all OK	NM
4-19-07	BELT PORTAL	CONTROL BOXES, E.T.C.	all OK at time of inspection	checked all listed off OK	NM
4-19-07	BELT PORTAL	MAGNET # 1 HEAD ROLLER	all OK at time of inspection	checked all OK	NM
4-19-07	GEN. MINE	DIESEL GENERATOR	Not on property	Searched	NM

NOTE'S \_\_\_\_\_  
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NOTE'S

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**PERMISSIBILITY MUST BE SIGNED AND DATED**

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-19-07	2 <sup>nd</sup> EAST BELT HEAD ROLLER	10HP PUMP SC #P24	oos	checked tags	NM
4-19-07	#3 BELT XC 7	10 HP STAMCOR #P5	all ok at time of inspection	checked all ok	NM
4-19-07	3 <sup>rd</sup> EAST XC 23	5 HP PUMP #P7	all ok at time of inspection	checked all ok	NM
4-19-07	1 <sup>st</sup> EAST XC19	5 HP PUMP #P6	all ok at time of inspection	checked all	NM
4-19-07	2 <sup>nd</sup> EAST BELT	5 HP PUMP #P25	pump gone	searched	NM
4-19-07	3 <sup>rd</sup> EAST XC 24	13 HP PUMP # P4	all ok at time of insp	checked all ok	NM
4-19-07	3 <sup>rd</sup> EAST XC 24	5 HP PUMP #P23	all ok at time of inspection	checked all ok	NM
4-19-07	3 <sup>rd</sup> EAST XC 7	#18 2CIRCUIT D-BOX	all ok at time of inspection	checked all ok	NM
4-19-07	3 <sup>rd</sup> EAST XC 19	#13 2CIRCUIT D-BOX	all ok at time of insp	checked all	NM
4-19-07	1 <sup>ST</sup> EAST	BREKLY #3 AND CONTROLLER SOUTH CRANDALE	all ok at time of inspection	checked all ok	NM

NOTE'S

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**LIST ALL ELECTRICAL HAND TOOL'S**

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

2MSHA05587

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-18-07	#1 BELT PORTAL	6.4PUMP SC #P1	Handle locked upon Controller	Repaired all OK	NM
4-19-07	#1 BELT OVERCAST	10HP PUMP SC #P2	all OK at time of insp	checked all OK	NM
4-19-07	XC 22 main so	5 HP PUMP #15 SO.CRANDALL	OOS	checked tags	NM
4-19-07	SO. CRANDALL ROCK ROOMS	6.4 KW STANCOR PUMP SC #P12	checked all OK at time of insp	checked all OK	NM
4-19-07	SO. CRANDALL	LEE NORIS ROOF BOLTER	OOS	checked tags	NM
4-19-07	SC INTAKE BOTTOM OF SLOPE	5HP SC #P3	all OK at time of inspection	checked all OK	NM
4-19-07	1 <sup>st</sup> EAST XC18	5 HP SC#P8	OOS	checked tags OK	NM
4-19-07	SC NORTH RETURN FACE	5HP #P9	OOS	checked tags	NM
4-19-07	SOUTH MAIN XC 1	54KW SC #P10	OOS	checked tags	NM
4-19-07	XC 2 #4 BELT	5HP #P11	OOS	checked tags	NM
4-19-07	BORE HOLE	5HP SC #P5-13	OOS	checked tags	NM
4-19-07	XC 24 SO. CRANDLL SO. MAIN	10HP SC #P14	OOS	checked tags	NM
4-19-07	2ND EAST INTAKE	5HP PUMP SC #P19	all OK at time of insp	checked all OK	NM
4-19-07	3RD EAST BELT DRIVE	6.4 KW STANCOR PUMP SC #P21	all OK at time of insp	checked all OK	NM

**PERMISSIBILITY MUST BE SIGNED AND DATED**

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-19-07	#1 BELT DRIVE	3.6 HP PUMP#P2 FLYGHT	all ok at time of inspection	checked all OK	NM
4-19-07	XC 1 #1 BELT	10 HP PUMP #P1 STANCOR	all ok at time of inspection	checked all OK	NM
4-19-07	#1 BELT TAIL	5 HP PUMP #P3 FYGHT	all ok at time of inspection	checked all OK	NM
4-19-07	XC 6 M.W. BELT LINE	6.4 KW PUMP #P4 STANCOR	all ok at time of inspection	checked all OK	NM
4-19-07	1 <sup>ST</sup> SOUTH XC #6	5 HP PUMP #P5 FLYGHT	all ok at time of inspection	checked all OK	NM
4-19-07	XC 38 M.W. BELT	5 HP PUMP #P8 FYGHT	all ok at time of inspection	checked all OK	NM
4-19-07	XC 39 M.W. BELT	3.5 KW PUMP #P9 FYGHT	all ok at time of inspection	checked all OK	NM
4-19-07	XC 45 M.W.	#1 150 HP PUMP & #1 CONTROLLER	all ok at time of inspection	checked all OK	NM
4-19-07	XC 45 M.W.	#2 150 HP PUMP	all ok at time of inspection	checked all OK	NM
4-19-07	XC 47 M.W. BELT	6.4 KW PUMP #P10 STANCOR	all ok at time of inspection	checked all OK	NM
4-19-07	XC 46 M.W.	13 HP PUMP #P11 FYGHT	all ok at time of inspection	checked all OK	NM
4-19-07	XC 46 M.W.	#P1 200 HP HIGH PRESSURE PUMP	Pump Gone	Reported	NM
4-19-07	3 <sup>RD</sup> NO #1 BELT TAIL	6.4 STANCOR #P23	OOS	Jacked Tags	NM
4-19-07	3 <sup>RD</sup> NO. HEAD ROLLER	5 HP PUMP #P7 FYGHT	OOS	checked all Tags	NM
4-19-07	XC 46 MAIN WEST INTAKE	5 HP PUMP P19	all ok at time of inspection	checked all OK	NM
4-19-07	XC 40 MAIN WEST	5 HP PUMP #P6 FYGHT	all ok at time of inspection	checked all OK	NM
4-19-07	XC 45 M.W.	150 HP PUMP OSna	all ok at time of inspection	checked all OK	NM
4-19-07	XC 65 MW	2CERCUIT D BOX #12	all ok at time of inspection	checked all OK	NM
4-19-07	XC 63 MW	5HP PUMP	all ok at time of inspection	checked all OK	NM

NOTE'S \_\_\_\_\_



DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-19-07	SO. CRANDALL XC 1	#1 BELT DRIVE AND LIGHTS	OOS	checked Tags	NM
4-19-07	SO. CRANDALL	3 <sup>RD</sup> EAST BELT AND TAKE UP SUP 500	OOS	checked Tags	NM
4-19-07	SO. CRANDALL	#2 BELT DRIVE & LIGHTS	OOS	checked Tags	NM
4-19-07	SO. CRANDALL	#3 BELT DRIVE, LIGHTS & BRAKE CONTROLLER & TAKE-UP	OOS	checked Tags	NM
4-19-07	SO. CRANDALL	#1 BELT SCALES	OOS	checked Tags	NM
4-19-07	SO. CRANDALL	#4 BATTERY COAL HAULER	OOS	checked Tags	NM
4-19-07	SO CRANDALL	2 EAST BELT & CONTROLLER	OOS	checked Tags	NM
4-19-07	SO CRANDALE	SUPER 500 & CONTROLLER 2 EAST	OOS	checked Tags	NM
4-19-07	CRANDALE	#1 LEE NORSE	OOS	checked Tags	NM
	SO. CRANDALL				
	SO. CRANDALL				
	SO. CRANDALL				
	SO. CRANDALL				

NOTES:

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2MSHA05591



PERMISSIBILITY WEEKLY DATE ENDING 4-28-07

22 April 2007

TIM HARPER

SOUTH CRANDALE 3<sup>RD</sup> EAST

SO. CRANDALL & CRANDALL PHONES, D-BOXES, WELDERS,  
HEAT TAPE BELT SCALES PED SYSTEM PRESSURE WASHER  
#4 STAMLER FEEDER  
SECTION TRANS, KITCHEN LIGHT & MICROOWAVE  
CAR, CHARGER TRICKLE DUSTER  
UNTRACK & CHARGERS  
BOTH BELT KITCHEN'S, DUSTER @ XC 3 M.W.  
TRICKLE DUSTER XC 8 M. N.

**Signature**

SIGN

DATE

4-28-07

2MSHA05593

## INSPECTION OF NON-PERMISSIBLE ELECTRICAL EQUIPMENT

<p>FIRE PROTECTION, FIRE EXTINGUISHER FOR DEFECTS 250 LBS. ROCK DUST IF NEEDED, FIRE EXTINGUISHER INSPECTION TAG AND DATED, SELF ACTUATING FIRE SUPPRESSIONS ARE OPERATIVE AND WIRED CORRECTLY TO REMOVE POWER FROM EQUIPMENT OR ENGINE SHUT DOWN, NOZZLES ARE PROTECTED AND PROPER LOCATION, HOSE ARE SECURED AND PROTECTED FROM DAMAGE, GAS BOTTLES OR AIR TANKS ARE NOT EXPENDED OUT.</p>
<p>CABLES AND CONDUITS IN GOOD CONDITION, CABLE ENTRANCE GLANDS PROPERLY INSTALLED, ADDITIONAL INSULATION PROVIDED ON ENTRANCE GLAND IF NEEDED, CABLES ARE ENTERED CORRECTLY, MONITOR AND GROUND CONNECTION ARE SEPARATED, BUSHED WERE PASS THROUGH MEDAL WALLS</p>
<p>EQUIPMENT GUARDS ARE IN PLACE AND SECURED, OPENINGS IN ELECTRICAL CONTROLLERS PLUGGED OR COVERED, DOORS TO ELECTRICAL CIRCUITS ARE SECURED SHUT, VISUAL WINDOWS IN GOOD CONDITION, ELECTRICAL CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EMERGENCY STOP SWITCHES WORK CORRECTLY, START AND STOP SWITCHES WORK PROPERLY, CHECK EQUIPMENT FOR PROPER OPERATION,</p>
<p>DISCONNECTS ARE IDENTIFIED CORRECTLY, ELECTRICAL PLUG AND RECEPTACLE IDENTIFIED CORRECTLY, RECEPTACLES AND PLUGS IN GOOD CONDITION, CIRCUITS ARE IDENTIFIED, PROVISIONS FOR LOCK OUT OF PLUG AND MACHINE, STRAIN CLAMPS INSTALLED AND WITH ADDITIONAL INSULATION, DUST COVERS FOR RECEPTACLES IN PLACE, GROUND STRAPS ARE HOOKED UP,</p>
<p>POWER CABLE IS HUNG ON INSULATORS, GUARDED WHERE IT CROSSES COMMUNICATION LINES AND HIGH VOLTAGE CABLE, IN GOOD CONDITION</p>
<p>CORRECT PROTECTION PROVIDED, OVERLOAD, SHORT CIRCUIT, GROUND FAULT, UNDER VOLTAGE,</p>
<p>CORRECT INSTANTANEOUS BREAKER SETTING (7 TIMES FLA=LOW 13 TIMES FLA=HIGH) THIS IS FOR POWER CABLES ONLY, 1.25 TIMES FLA= AMPACITES SIZE FOR CABLE</p>
<p>EQUIPMENT FREE OF ACCUMULATIONS, 24" CLEARANCE AROUND ALL SIDES, NO ROOF AND RIB HAZARDS, AREA WELL ROCK DUSTED</p>

2MSHA05594

PERMISSIBILITY MUST BE SIGNED DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
	SOUTH CRANDALL				
4-27	SOUTH CRANDALL	# 12853 STAMLER FB	OOS	OOS	CAH
4-27	SOUTH CRANDALL	SECTION TRANS #18	OOS	OOS	CAH
	SOUTH CRANDALL				
	SOUTH CRANDALL				
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NOTE'S \_\_\_\_\_

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LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
	GEN. MINE				
4-27	GEN. MINE	MILLER WELDER #353049	condition is good	checked cable, glands, ground clamp, enclosure	GH
4-28	1 <sup>ST</sup> EAST XC-13	#19 D-BOX	condition is good	checked fire protection, cable, WIP breaker, enclosure	GH
4-28	SO. CRANDALL	PHONE SYSTEM	good	tested	GH
4-28	SO. CRANDALL #1 BELT	110 VOLT HEAT TAPE	condition is good	checked cable, enclosure, glands	GH
4-28	SOUTH CRANDALL	D BOXES FOR CHARGER #002	condition is good	checked fire protection, breakers, enclosure, glands	GH
4-27	GEN MINE	#3 WELDER	condition is good	checked cable, glands, enclosure, gnd clamp	GH
4-28	GEN. MINE	MINE PHONES	good	tested	
4-28	X-C 5 MAIN NORTH	BELT SCALES	condition is good	checked fire protection, cables, glands, breaker, enclosure	GH
4-27	X-C 44 MAIN WEST	PED SYSTEM	condition is good	checked enclosure, cable, fire protection	GH
4-27	X-C 49 MAIN WEST	ELECTRIC PRESSURE WASHER	condition is good	checked cable, glands, guards, fire protection,	GH

NOTES:

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PERMISSIBILITY MUST

BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
	GEN MINE				
4-27	SO. MAINS SO. CRANDALL	#1 UNTRAC	Oil accumulations under covers,	Tagged out for Needed Washdown	GN
4-27	SO. MAINS SO. CRANDALL	UNTRAC CHARGER#1	OOS	OOS	GN
4-27	XC 7 MAIN WEST	HEAT LAMP # 4 0204002588 MICROWAVE	condition is good	checked elements, cable, breaker, enclosure, glands,	GN
4-28	XC 8 MAIN NORTH	TRICKLE DUSTER # 2	condition is good	checked guards, cable, fire protection	GN
4-27	GEN. MINE	#2 UNTRAC	Oil Accumulation, missing locking device on Battery tie	Tagged out for Needed Washdown & Repair	GN
4-27	GEN. MINE	#2 UNTRAC CHARGER	Missing plastic tie on fire Exting. p.w.	Repair	GN
4-27	XC 89 MAIN SO #1 BELT	TRICKLE DUSTER # 4	Condition is good	checked flame paths, guards, cable, nip, fire protection	GN
4-27	XC 14 SC MAIN	TRICKLE DUSTER # 3	OOS	OOS	GN
4-28	XC 34 MAIN NORTH	TRICKLE DUSTER # 1	condition is good	checked flame paths, guards, fire protection, e-stop	GN
4-28	GEN MINE	BOOM TRUCK	Condition is good	checked lights, brakes hoses, e-stop, fire suppression	GN
4-27	SOUTH CRANDALL	BATTERY CHARGER	OOS	OOS	GN
4-27	X/C 30 Main West	Battery duster	Missing Locking device on nip	Repair	GN
4-27	Main West	1058 Battery Charger	Nip was in too high of breaker for cable	Moved nip to correct breaker	GN
4-27	Main West	1058 036 Scoop	C.B. inspection cover bolts loose, nip Lock device Ring broke,	Tighten cover, gap is good, Tagged out for needed repair on nip	GN
4-27	Main West	Belt Winder	OOS	OOS	GN

LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

NOTE'S

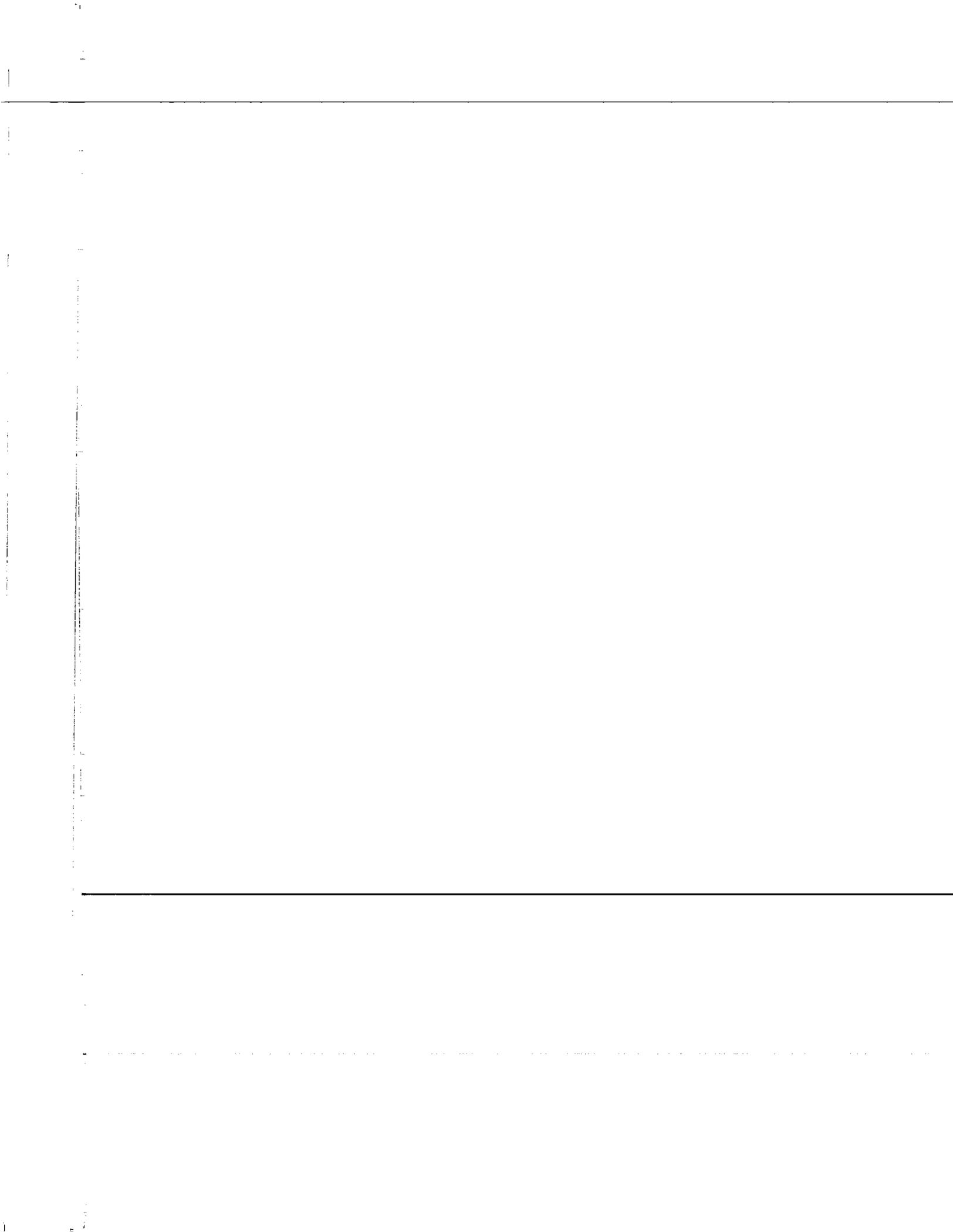
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PERMISSIBILITY MUST BE SIGNED DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-27	3 <sup>RD</sup> NORTH	4590 MINER	condition is good	Checked Lights, C-stop, Flame Path, packing glands	GH
4-27	3 <sup>RD</sup> NORTH	#9 ROOF BOLTER	condition is good	Checked Flame Paths, lights, glands	GH
4-27	3 <sup>RD</sup> NORTH	#29 TRANSFORMER	inst setting was too high on R/B	Adjusted to correct setting	GH
4-27	3 <sup>RD</sup> NORTH	FEEDER BREAKER 12191	condition is good	Checked cable, guards, fire suppression	GH
4-27	3 <sup>RD</sup> NORTH	MICROWAVE 5	condition is good	Checked cord, breaker, brass tag, enclosure	GH
4-27	3 <sup>RD</sup> NORTH	44 shuttle car	condition is good	Checked Flame Paths, cable, nip, fire suppression	GH
4-27	3 <sup>RD</sup> NORTH	#45 shuttle car	condition is good	Checked C-stop warning bell, flame paths, lights	GH
4-27	3 <sup>RD</sup> NORTH	TRICKLE DUSTER SC898	condition is good	Checked Flame Paths, guarding, fire protection	GH
4-27	<del>3<sup>RD</sup> NORTH</del> Main West	488 SECTION SCOOP #	Missing Nip and Battery lid locking device	Repair	GH
4-27	3 <sup>RD</sup> NORTH	& CHARGER #11	condition is good	Checked fire protection, cable, nip, glands	GH
	3 <sup>RD</sup> NORTH				
4-27	3 <sup>RD</sup> NORTH	HEAT LAMP #7	condition is good	Checked elements, cable, breaker	GH
	3 <sup>RD</sup> NORTH				
	3 <sup>RD</sup> NORTH	4590 MINER	METHANE MONITOR CALIBRATED 2.5% GAS monthly		

NOTE'S

LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

2MSHA05602

PERMISSIBILITY WEEKLY DATE ENDING 4-28

22 April 2007

JAMSON WARD

MAIN WEST SECTION

, 4978 MINER,  
, # 13-8 FLETCHER BOLTER  
CAIBRATE CH 4 WITH 2.5 GAS

**Signature** DATE 4-28

2MSHA05603

## INSPECTION OF PERMISSIBLE ELECTRICAL EQUIPMENT

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
CABLE REELS SHEAVES TURN FREELY, SHARPE EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY
CONTROLLERS, MOTORS, EXPLOSION PROOF COMPARTMENTS, FOR EXCESSIVE OPENINGS OF FLAME PATH, DIAMETRICAL CLEARANCE OF SHAFTS, MISSING BOLTS, LOCK WASHERS, FLAT WASHERS, GENERAL CONDITION OF COMPARTMENT
CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED
INTERMACHINE CABLES HAVE NO SPLICES, CONDUITS ARE IN GOOD CONDITION, MARKED FLAME RESISTANCE, PROPERLY CLAMPED ON GLAND, SEPARATE FROM HYD. HOSES, AND PROTECTED FROM DAMAGE
CHECK LIGHTS FOR OPERATION, LIGHTS SECURED DOWN, LIGHT LENS NOT DEFECTIVE, LENS SECURED BY LOCK DEVICE LIGHTS IN GOOD CONDITION
CHECK FOR PROPER OPERATION OF CIRCUIT BREAKERS, OVERLOAD PROTECTION, PROPER OPERATION OF ELECTRICAL CIRCUITS, EMERGENCY STOP CONTROLS, SWITCH OPERATIONS
CHECK FOR PROPER 2G APPROVAL PLATE, X/P TAGS ON EXPLOSION PROOF ENCLOSURES, CAB CERTIFICATION TAG
CHECK FOR PROPER OPERATION OF PARKING BRAKES, SERVICE BRAKE OPERATION
CHECK FOR OIL, COAL, GREASE ACCUMULATIONS ON MACHINE, PROPER GUARDING OF ROTATING PARTS TO PREVENT PERSONAL INJURY
CHECK BATTERY COVERS ARE SECURED, BATTERIES COVERS ARE INSULATED, RECEPTICALS ARE IN GOOD CONDITION, LOCKING DEVICE IS INSTALLED TO PREVENT NIP FROM LOSING, CELL WATER LEVELS ARE CORRECT, CELL CAPS IN PLACE
CHECK FIRE SUPPRESSION FOR PROPER SPRAYS, SPRAY LOCATION, SPRAYS HAVE PROTECTIVE CAPS, (BATTERY BACKUP IS OPERATIONAL) ACTUATION BUTTON NOT SEIZED, CO2 BOTTLES NOT EXPENDED OUT, BOTTLES NOT DAMAGE, GENERAL CONDITION OF SYSTEM, FIRE EXTINGUISHER IN GOOD CONDITION, INSPECTION TAG ATTACHED AND EXTINGUISHER IS MOUNTED SECURELY.

COMMENTS:

2MSHA05604

## INSPECTION OF NON-PERMISSIBLE ELECTRICAL EQUIPMENT

FIRE PROTECTION, FIRE EXTINGUISHER FOR DEFECTS 250 LBS. ROCK DUST IF NEEDED, FIRE EXTINGUISHER INSPECTION TAG AND DATED, SELF ACTUATING FIRE SUPPRESSIONS ARE OPERATIVE AND WIRED CORRECTLY TO REMOVE POWER FROM EQUIPMENT OR ENGINE SHUT DOWN, NOZZLES ARE PROTECTED AND PROPER LOCATION, HOSE ARE SECURED AND PROTECTED FROM DAMAGE, GAS BOTTLES OR AIR TANKS ARE NOT EXPENDED OUT.

CABLES AND CONDUITS IN GOOD CONDITION, CABLE ENTRANCE GLANDS PROPERLY INSTALLED, ADDITIONAL INSULATION PROVIDED ON ENTRANCE GLAND IF NEEDED, CABLES ARE ENTERED CORRECTLY, MONITOR AND GROUND CONNECTION ARE SEPARATED, BUSHED WERE PASS THROUGH MEDAL WALLS

EQUIPMENT GUARDS ARE IN PLACE AND SECURED, OPENINGS IN ELECTRICAL CONTROLLERS PLUGGED OR COVERED, DOORS TO ELECTRICAL CIRCUITS ARE SECURED SHUT, VISUAL WINDOWS IN GOOD CONDITION, ELECTRICAL CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EMERGENCY STOP SWITCHES WORK CORRECTLY, START AND STOP SWITCHES WORK PROPERLY, CHECK EQUIPMENT FOR PROPER OPERATION,

DISCONNECTS ARE IDENTIFIED CORRECTLY, ELECTRICAL PLUG AND RECEPTACLE IDENTIFIED CORRECTLY, RECEPTACLES AND PLUGS IN GOOD CONDITION, CIRCUITS ARE IDENTIFIED, PROVISIONS FOR LOCK OUT OF PLUG AND MACHINE, STRAIN CLAMPS INSTALLED AND WITH ADDITIONAL INSULATION, DUST COVERS FOR RECEPTACLES IN PLACE, GROUND STRAPS ARE HOOKED UP,

POWER CABLE IS HUNG ON INSULATORS, GUARDED WHERE IT CROSSES COMMUNICATION LINES AND HIGH VOLTAGE CABLE, IN GOOD CONDITION

CORRECT PROTECTION PROVIDED, OVERLOAD, SHORT CIRCUIT, GROUND FAULT, UNDER VOLTAGE,

CORRECT INSTANTANEOUS BREAKER SETTING (7 TIMES FLA=LOW 13 TIMES FLA=HIGH)  
THIS IS FOR POWER CABLES ONLY, 1.25 TIMES FLA= AMPACITES SIZE FOR CABLE

EQUIPMENT FREE OF ACCUMULATIONS, 24" CLEARANCE AROUND ALL SIDES, NO ROOF AND RIB HAZARDS, AREA WELL ROCK DUSTED

2MSHA05605

PERMISSIBILITY MUST BE SIGNED DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-27	MAIN WEST	#3 ROOF BOLTER	Accumulations Bad light	Washers are Replaced	[Signature]
4-28	MAIN WEST	4978 MINER	missing ground strap on it	Repair ground strap	[Signature]
	MAIN WEST				
4-28	MAIN WEST	4978 MINER CAL 2.5 GAS	Calibrated with 2:5 Gas	Tested good	[Signature]
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
		JAMSON WARD			

NOTE'S \_\_\_\_\_  
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LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

MAIN WEST SECTION  
DARWON STANFEILD  
SECTION TRANS #30 HEAT LAMP #6  
MICROWAVE #6 151958 SCOOP & CHARGER

*Enelins* 428

SIGNED **Signature** DATE 4-23-07

## INSPECTION OF PERMISSIBLE ELECTRICAL EQUIPMENT

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, L.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
CABLE REELS SHEAVES TURN FREELY, SHARPE EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY
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CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED
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CHECK FOR OIL, COAL, GREASE ACCUMULATIONS ON MACHINE, PROPER GUARDING OF ROTATING PARTS TO PREVENT PERSONAL INJURY
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CHECK FIRE SUPPRESSION FOR PROPER SPRAYS, SPRAY LOCATION, SPRAYS HAVE PROTECTIVE CAPS, (BATTERY BACKUP IS OPERATIONAL) ACTUATION BUTTON NOT SEIZED, CO2 BOTTLES NOT EXPENDED OUT, BOTTLES NOT DAMAGE, GENERAL CONDITION OF SYSTEM, FIRE EXTINGUISHER IN GOOD CONDITION, INSPECTION TAG ATTACHED AND EXTINGUISHER IS MOUNTED SECURELY.

DEISEL

PERMISSIBILITY WEEKLY DATE ENDING 4/28

2MSHA05608

## EQUIPMENT

FIRE PROTECTION, FIRE EXTINGUISHER FOR DEFECTS 250 LBS. ROCK DUST IF NEEDED, FIRE EXTINGUISHER INSPECTION TAG AND DATED, SELF ACTUATING FIRE SUPPRESSIONS ARE OPERATIVE AND WIRED CORRECTLY TO REMOVE POWER FROM EQUIPMENT OR ENGINE SHUT DOWN, NOZZLES ARE PROTECTED AND PROPER LOCATION, HOSE ARE SECURED AND PROTECTED FROM DAMAGE, GAS BOTTLES OR AIR TANKS ARE NOT EXPENDED OUT.

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POWER CABLE IS HUNG ON INSULATORS, GUARDED WHERE IT CROSSES COMMUNICATION LINES AND HIGH VOLTAGE CABLE, IN GOOD CONDITION

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CORRECT INSTANTANEOUS BREAKER SETTING (7 TIMES FLA=LOW 13 TIMES FLA=HIGH)  
THIS IS FOR POWER CABLES ONLY, 1.25 TIMES FLA= AMPACITIES SIZE FOR CABLE

EQUIPMENT FREE OF ACCUMULATIONS, 24" CLEARANCE AROUND ALL SIDES, NO ROOF AND RIB HAZARDS, AREA WELL ROCK DUSTED



PERMISSIBILITY WEEKLY DATE ENDING ~~4-25~~ 07

22 April 2007

RUSS LARSON

ALL CAP LAMP'S AND CHARGER'S

SIGN

Signature

DATE

4-24-07

2MSHA05611

## INSPECTION OF PERMISSIBLE ELECTRICAL EQUIPMENT

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
CABLE REELS SHEAVES TURN FREELY, SHARPE EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY
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CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED
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CHECK FOR PROPER 2G APPROVAL PLATE, X/P TAGS ON EXPLOSION PROOF ENCLOSURES, CAB CERTIFICATION TAG
CHECK FOR PROPER OPERATION OF PARKING BRAKES, SERVICE BRAKE OPERATION
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CHECK FIRE SUPPRESSION FOR PROPER SPRAYS, SPRAY LOCATION, SPRAYS HAVE PROTECTIVE CAPS, (BATTERY BACKUP IS OPERATIONAL) ACTUATION BUTTON NOT SEIZED, CO2 BOTTLES NOT EXPENDED OUT, BOTTLES NOT DAMAGE, GENERAL CONDITION OF SYSTEM, FIRE EXTINGUISHER IN GOOD CONDITION, INSPECTION TAG ATTACHED AND EXTINGUISHER IS MOUNTED SECURELY.

COMMENTS:

2MSHA05612

APR  
2007

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	EQUIPMENT CHARGERS ABOVE SHOP	CONDITION	ACTION TAKEN	INITIAL'S
24	# 1 CAP LAMP & CHARGER	OK		RL
/	# 2 CAP LAMP & CHARGER			
/	# 3 CAP LAMP & CHARGER			
24	# 4 CAP LAMP & CHARGER	OK		
	<del># 5 CAP LAMP &amp; CHARGER</del>	<del>OK</del>		
24	# 6 CAP LAMP & CHARGER	OK		
24	# 7 CAP LAMP & CHARGER	OK		
	<del># 8 CAP LAMP &amp; CHARGER</del>	<del>OK</del>		
24	# 9 CAP LAMP & CHARGER	OK		
/	# 10 CAP LAMP & CHARGER			
/	# 11 CAP LAMP & CHARGER			
/	# 12 CAP LAMP & CHARGER			
24	# 13 CAP LAMP & CHARGER			
24	# 14 CAP LAMP & CHARGER			
/	# 15 CAP LAMP & CHARGER			
/	# 16 CAP LAMP & CHARGER			
/	# 17 CAP LAMP & CHARGER			
/	# 18 CAP LAMP & CHARGER			
/	# 19 CAP LAMP & CHARGER			
/	# 20 CAP LAMP & CHARGER			
24	# 21 CAP LAMP & CHARGER	OK		
	<del># 22 CAP LAMP &amp; CHARGER</del>	<del>OK</del>		
24	# 23 CAP LAMP & CHARGER	OK		
/	# 24 CAP LAMP & CHARGER			
24	# 25 CAP LAMP & CHARGER	OK		
	<del># 26 CAP LAMP &amp; CHARGER</del>	<del>OK</del>		
24	# 27 CAP LAMP & CHARGER	OK		
/	# 28 CAP LAMP & CHARGER			
24	# 29 CAP LAMP & CHARGER	OK		
				RL

APR  
2007

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
24	# 31 CAP LAMP & CHARGER	OK		RL
24	# 32 CAP LAMP & CHARGER			
24	# 33 CAP LAMP & CHARGER			
24	# 34 CAP LAMP & CHARGER			
24	# 35 CAP LAMP & CHARGER	OK		
	<del># 36 CAP LAMP &amp; CHARGER</del>	<del>OK</del>		
24	# 37 CAP LAMP & CHARGER	OK		
24	# 38 CAP LAMP & CHARGER			
24	# 39 CAP LAMP & CHARGER			
24	# 40 CAP LAMP & CHARGER			
24	# 41 CAP LAMP & CHARGER			
24	# 42 CAP LAMP & CHARGER			
24	# 43 CAP LAMP & CHARGER			
24	# 44 CAP LAMP & CHARGER			
24	# 45 CAP LAMP & CHARGER			
24	# 46 CAP LAMP & CHARGER			
24	# 47 CAP LAMP & CHARGER			
24	# 48 CAP LAMP & CHARGER			
24	# 49 CAP LAMP & CHARGER	OK		
	<del># 50 CAP LAMP &amp; CHARGER</del>	<del>OK</del>		
24	# 51 CAP LAMP & CHARGER	OK		
24	# 52 CAP LAMP & CHARGER	OK		
	<del># 53 CAP LAMP &amp; CHARGER</del>	<del>OK</del>		
24	# 54 CAP LAMP & CHARGER	OK		
24	# 55 CAP LAMP & CHARGER	OK		
24	# 56 CAP LAMP & CHARGER	OK		

NOTE'S

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APR  
2007

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
24	# 57 CAP LAMP & CHARGER	OK		AC
24	# 58 CAP LAMP & CHARGER	OK		AC
<del>24</del>	<del># 59 CAP LAMP &amp; CHARGER</del>	<del>OK</del>		
24	# 60 CAP LAMP & CHARGER	OK		AC
24	# 61 CAP LAMP & CHARGER			
	# 62 CAP LAMP & CHARGER			
	# 63 CAP LAMP & CHARGER			
	# 64 CAP LAMP & CHARGER			
	# 65 CAP LAMP & CHARGER			
	# 66 CAP LAMP & CHARGER			
	# 67 CAP LAMP & CHARGER			
	# 68 CAP LAMP & CHARGER			
	# 69 CAP LAMP & CHARGER			
	# 70 CAP LAMP & CHARGER			
	# 71 CAP LAMP & CHARGER			
	# 72 CAP LAMP & CHARGER			
	# 73 CAP LAMP & CHARGER			
	# 74 CAP LAMP & CHARGER			
	# 75 CAP LAMP & CHARGER			
	# 76 CAP LAMP & CHARGER			
	# 77 CAP LAMP & CHARGER			
	# 78 CAP LAMP & CHARGER			
	# 79 CAP LAMP & CHARGER			
24	# 80 CAP LAMP & CHARGER			
24	# 81 CAP LAMP & CHARGER			
24	# 82 CAP LAMP & CHARGER	OK		AC

NOTE'S \_\_\_\_\_  
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APR  
2007

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
24	# 83 CAP LAMP & CHARGER	OK		RL
	# 84 CAP LAMP & CHARGER			
	# 85 CAP LAMP & CHARGER			
	# 86 CAP LAMP & CHARGER			
	# 87 CAP LAMP & CHARGER			
	# 88 CAP LAMP & CHARGER			
	# 89 CAP LAMP & CHARGER			
24	# 90 CAP LAMP & CHARGER			
24	# 91 CAP LAMP & CHARGER			
24	# 92 CAP LAMP & CHARGER	OK		
	<del># 93 CAP LAMP &amp; CHARGER</del>	POSS		
24	# 94 CAP LAMP & CHARGER	OK		
	# 95 CAP LAMP & CHARGER			
	# 96 CAP LAMP & CHARGER			
	# 97 CAP LAMP & CHARGER			
	# 98 CAP LAMP & CHARGER			
	# 99 CAP LAMP & CHARGER			
24	# 100 CAP LAMP & CHARGER			
24	# 101 CAP LAMP & CHARGER			
	# 102 CAP LAMP & CHARGER			
	# 103 CAP LAMP & CHARGER			
	# 104 CAP LAMP & CHARGER			
	# 105 CAP LAMP & CHARGER			
	# 106 CAP LAMP & CHARGER			
	# 107 CAP LAMP & CHARGER			
24	# 108 CAP LAMP & CHARGER	OK		RL

NOTE'S

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PERMISSIBILITY WEEKLY DATE ENDING 4/28/07

22 April 2007

LARRY POWELL JESS GILBERT RYAN MANN ISRAEL PETERSEN

WEEKLY EXAM'S HAVE  
POWER CENTER'S,  
SWITCH GEAR'S  
DISTRIBUTION BOXES  
CAPACITOR BANK

**Signature**

SIG

TE

4/27/07

28/07

2MSHA05618

## INSPECTION OF PERMISSIBLE ELECTRICAL EQUIPMENT

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
CABLE REELS SHEAVES TURN FREELY, SHARPE EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY
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CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED
INTERMACHINE CABLES HAVE NO SPLICES, CONDUITS ARE IN GOOD CONDITION, MARKED FLAME RESISTANCE, PROPERLY CLAMPED ON GLAND, SEPARATE FROM HYD. HOSES, AND PROTECTED FROM DAMAGE
CHECK LIGHTS FOR OPERATION, LIGHTS SECURED DOWN, LIGHT LENS NOT DEFECTIVE, LENS SECURED BY LOCK DEVICE LIGHTS IN GOOD CONDITION
CHECK FOR PROPER OPERATION OF CIRCUIT BREAKERS, OVERLOAD PROTECTION, PROPER OPERATION OF ELECTRICAL CIRCUITS, EMERGENCY STOP CONTROLS, SWITCH OPERATIONS
CHECK FOR PROPER 2G APPROVAL PLATE, X/P TAGS ON EXPLOSION PROOF ENCLOSURES, CAB CERTIFICATION TAG
CHECK FOR PROPER OPERATION OF PARKING BRAKES, SERVICE BRAKE OPERATION
CHECK FOR OIL, COAL, GREASE ACCUMULATIONS ON MACHINE, PROPER GUARDING OF ROTATING PARTS TO PREVENT PERSONAL INJURY
CHECK BATTERY COVERS ARE SECURED, BATTERIES COVERS ARE INSULATED, RECEPICALS ARE IN GOOD CONDITION, LOCKING DEVICE IS INSTALLED TO PREVENT NIP FROM LOSING, CELL WATER LEVELS ARE CORRECT, CELL CAPS IN PLACE
CHECK FIRE SUPPRESSION FOR PROPER SPRAYS, SPRAY LOCATION, SPRAYS HAVE PROTECTIVE CAPS, (BATTERY BACKUP IS OPERATIONAL) ACTUATION BUTTON NOT SEIZED, CO2 BOTTLES NOT EXPENDED OUT, BOTTLES NOT DAMAGE, GENERAL CONDITION OF SYSTEM, FIRE EXTINGUISHER IN GOOD CONDITION, INSPECTION TAG ATTACHED AND EXTINGUISHER IS MOUNTED SECURELY.

COMMENTS:

2MSHA05619

PERMISSIBILITY MUST BE SIGNED AND DATED

CRANDALL MINE

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4/27/07	SURFACE	# 1 TRANS 600 KVA	checked and <i>OK</i>		LP
4/28	XC 6 MAIN NO.	# 2 TRANS 600 KVA 950/480	check OK		Wne
4/27/07	XC 1 3 <sup>RD</sup> NORTH	# 3 TRANS 225 KVA 480V	checked and all <i>OK</i>		LP
4/27/07	XC 4 MAIN WEST	# 4 TRANS 750 KVA 950/480	checked and all <i>OK</i>		LP
4/27/07	XC 40 MAIN WEST	# 5 TRANS 750 KVA 950/480	checked and all <i>OK</i>		LP
4/28	XC 69 MAIN WEST	# 19 TRANS 1250 KVA 950/480	checked OK		Wne
4/27/07	XC 29 MAIN WEST	# 8 TRANS 500 KVA 480	checked and all <i>OK</i>		LP
4/27/07	XC 44 MAIN WEST	# 9 TRANS 750 KVA 480	checked and all <i>OK</i>		LP
4/28	XC 3 SHORT BELT MW	# 27 TRANS 600 KVA 480	check OK		KLC
4/27/07	X/C 14 3 <sup>RD</sup> NORTH	# 16 TRANS 1750 KVA 950/480	OOS		LP
4/28	XC 102 #5 BELT	1000 KVA #17	clean top OFF		KLC
4/27/07	3 <sup>RD</sup> NORTH XC 5	#14 TRANS # 2 BILT DRIVR	Dust cover off	Replaced Dust cover	LP
	SOUTH MAINS X/C 1	#23 TRANS 7200 VOLTS	Dust OFF top from		KLC

NOTE'S

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PERMISSIBILITY MUST BE SIGNED AND DATED  
SOUTH CRANDALL MINE

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4/27/07	SO CRANDALL XC#1	#13 BELT DRIVE TRANS #1BELT	checked and OK		LP
4/27/07	XC 19 1EAST SOUTH CRANDALL	300 KVA #10	checked and OK		LP
4/27/07	SO. CRANDALL BOTTOM OF SLOPE	JOY TRANSFORMER #28	Bolt come out of cover	Replaced Bolt	LP
4/27/07	SO. CRANDALL XC 6 MAINS	#21 BELT TRANSFORMER #3BELT	checked and OK		LP
4/27/07	SO CRANDALL XC 12	2 EAST BELT DRIVE 750 KVA #1TR	checked and OK		LP
4/27/07	SO CRANDALL 1 <sup>ST</sup> EAST XC 5	#20 1 <sup>ST</sup> E BELT TRANSFORMER	checked and OK		LP
4/27/07	3 <sup>RD</sup> EAST	7200 BELT DRIVE TRANS 750 KVA	checked and OK		LP

NOTE'S \_\_\_\_\_  
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SWITCH GEAR  
PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4/27/07	XC 4 MAIN WEST	# 2 SWITCH GEAR 7200 VOLT	monitor low	had to set up	LP
4/27/07	XC 40 MAIN WEST	# 3 SWITCH GEAR 7200 VOLT	checked and OK		LP
4/28	XC 88 MAIN WEST	# 4 SWITCH GEAR 7200 VOLT	clean the top OFF		UCC
4/27/07	XC 24 MAIN WEST	# 7 SWITCH GEAR 7200 VOLT	checked and OK		LP
4/28	XC 69 MAIN WEST	# 8 SWITCH GEAR 7200 VOLT	checked out		UCC
4/27/07	XC 40 MAIN WEST	CAPACITOR BANK #1	checked and OK		LP
4/27/07	XC 6 SOUTH MAIN SOUTH CRANDALL	DUEL 7200V SWITCH GEAR #11 #3DRIVE	checked and OK		LP
4/27/07	XC 21 SOUTH CRANDALL	#5 DAUL SWICTH 7200	checked and OK		LP
4/27/07	XC 12 SOUTH CRANDALL	#1 SWITCH GEAR 7200 VOLT	checked and OK		LP

NOTE'S \_\_\_\_\_  
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PERMISSIBILITY MUST BE SIGNED AND DATED

DISTRIBUTION BOXES

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4/28	XC 8 MAIN NORTH	#DIST BOX #11	check OK		KLC
4/27/07	XC 40 MAIN WEST	# 8 DIST. BOX	checked and all OK		LP
4/27/07	XC50 MAIN WEST	#5 DIST. BOX	checked and all OK		LP
4/27/07	XC26 MAIN WEST	#10 DIST. BOX	checked and all OK		LP
4/27/07	SO CRANDALL BOAR HOLE	#6 DIST- BOX	OOS		LP
4/27/07	3 <sup>RD</sup> NORTH X/C 4	#16 D- BOX	checked and all OK		LP
4/28/07	MW X/C 71	#12 D- BOX	check OK		KLC

NOTE'S \_\_\_\_\_  
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PERMISSIBILITY WEEKLY DATE ENDING 4 28

22 April 2007

FOSTER MCAURTHUR

ALL PORTABLE AND PERMANENT PUMP'S

SIGNED **Signature** \_\_\_\_\_ DATE 4-26-07

2MSHA05624

## INSPECTION OF NON-PERMISSIBLE ELECTRICAL EQUIPMENT

FIRE PROTECTION, FIRE EXTINGUISHER FOR DEFECTS 250 LBS. ROCK DUST IF NEEDED, FIRE EXTINGUISHER INSPECTION TAG AND DATED, SELF ACTUATING FIRE SUPPRESSIONS ARE OPERATIVE AND WIRED CORRECTLY TO REMOVE POWER FROM EQUIPMENT OR ENGINE SHUT DOWN, NOZZLES ARE PROTECTED AND PROPER LOCATION, HOSE ARE SECURED AND PROTECTED FROM DAMAGE, GAS BOTTLES OR AIR TANKS ARE NOT EXPENDED OUT.
CABLES AND CONDUITS IN GOOD CONDITION, CABLE ENTRANCE GLANDS PROPERLY INSTALLED, ADDITIONAL INSULATION PROVIDED ON ENTRANCE GLAND IF NEEDED, CABLES ARE ENTERED CORRECTLY, MONITOR AND GROUND CONNECTION ARE SEPARATED, BUSHED WERE PASS THROUGH MEDAL WALLS
EQUIPMENT GUARDS ARE IN PLACE AND SECURED, OPENINGS IN ELECTRICAL CONTROLLERS PLUGGED OR COVERED, DOORS TO ELECTRICAL CIRCUITS ARE SECURED SHUT, VISUAL WINDOWS IN GOOD CONDITION, ELECTRICAL CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EMERGENCY STOP SWITCHES WORK CORRECTLY, START AND STOP SWITCHES WORK PROPERLY, CHECK EQUIPMENT FOR PROPER OPERATION,
DISCONNECTS ARE IDENTIFIED CORRECTLY, ELECTRICAL PLUG AND RECEPTACLE IDENTIFIED CORRECTLY, RECEPTACLES AND PLUGS IN GOOD CONDITION, CIRCUITS ARE IDENTIFIED, PROVISIONS FOR LOCK OUT OF PLUG AND MACHINE, STRAIN CLAMPS INSTALLED AND WITH ADDITIONAL INSULATION, DUST COVERS FOR RECEPTACLES IN PLACE, GROUND STRAPS ARE HOOKED UP,
POWER CABLE IS HUNG ON INSULATORS, GUARDED WHERE IT CROSSES COMMUNICATION LINES AND HIGH VOLTAGE CABLE, IN GOOD CONDITION
CORRECT PROTECTION PROVIDED, OVERLOAD, SHORT CIRCUIT, GROUND FAULT, UNDER VOLTAGE,
CORRECT INSTANTANEOUS BREAKER SETTING (7 TIMES FLA=LOW 13 TIMES FLA=HIGH) THIS IS FOR POWER CABLES ONLY, 1.25 TIMES FLA= AMPACITES SIZE FOR CABLE
EQUIPMENT FREE OF ACCUMULATIONS, 24" CLEARANCE AROUND ALL SIDES, NO ROOF AND RIB HAZARDS, AREA WELL ROCK DUSTED

2MSHA05625

**PERMISSIBILITY MUST BE SIGNED AND DATED**

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-26-07	XC15 RETURN	5HP PUMP P 5-36	α		FM
4-25-07	XC39 MW RETURN	6.4 HP PUMP P 6.4 35	α		FM
4-25-07	XC 39 MW RETURN	13HP PUMP P13 - 34	α		FM
4-25-07	XC 44 M.W. RETURN	6.4 KW PUMP P6.4 33	α		FM
4-25-07	XC 47 M.W. RETURN	6.4KW PUMP P 6.4-30	α		FM
	1 <sup>ST</sup> EAST BLEEDER PUMPS	2 G PUMP SYSTEM			
4-24-07	XC 52 1 <sup>ST</sup> EAST	13 HP PUMP SC #18	α		FM
4-24-07	XC5 BLEEDER	13 HP PUMP	α		FM
4-24-07	XC35 2EAST	13HP PUMP	α		FM
	2 <sup>ND</sup> EAST	2 G PUMP SYSTEM			
4-24-07	XC33 2NDEAST	5HP PUMP	α		FM
4-24-07	XC 20	D BOXES # 7 & RED OUT	α		FM
4-24-07	XC 23 BLEEDER	5HP PUMP P# 23	α		FM
4-24-07	XC-52 1 <sup>ST</sup> EAST	13 HP P# 52	α		FM

NOTE'S \_\_\_\_\_  
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DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
	1 <sup>ST</sup> WEST & 2 WEST BLEEDER	2G PUMP SYSTEM			
4-23-07	XC 12 1 <sup>ST</sup> WEST	2G P 13 -1	OK		FM
4-23-07	XC 1 BLEEDER 1 <sup>ST</sup> WEST	2G P13 -2	OK		FM
4-23-07	XC 7 2ND WEST BLEEDER	2G P 13-3	+ OK		FM
4-23-07	DOG LEG 2 <sup>ND</sup> WEST BLEEDER	2G P13-4	OK		FM
4-23-07	3 <sup>RD</sup> LEFT	2G P 5-1	OK		FM
4-23-07	REGULATOR 3 1/4	2G P 5-2	OK		FM
4-23-07	3 1/2 CORNER	2G P 13-5	OK		FM
4-23-07	3 1/2 CORNER	2G P 28 -1	OK		FM
4-23-07	3 1/2 BLEEDER	2G 5-3	OK		FM
4-23-07	3 1/4 XC2	2G 5-4	OK		FM
4-23-07	3 1/4 XC 5	2G 5-5	OK		FM
4-23-07	3 1/4 XC 10	2G 5-6	OK		FM
4-23-07	3 1/2 CORNER	2G 30hp pump	OK		FM
4-23-07	3 1/2 CORNER	2G30hp pump	OK		FM

PERMISSIBILITY MUST BE SIGNED AND DATED

2MSHA05628

PERMISSIBILITY WEEKLY DATE ENDING 4-28-07

22 April 2007

NICK MILLS

# 5 & 7 848 BATTERY CAR'S  
BELT PORTAL DUSTER  
BELT PORTAL MAGNET'S & CONTROLLER'S  
MAIN LINE TRICKLE DUSTER'S  
, DIESEL GENERATOR BATTERY BOSTER #1  
SOUTH CRANDALL PUMPS  
ALL CRANDALL MINE BELTS & TAKE- UPS  
BELT BRAKES

SIGNER

Signature

DATE

4-24-07

2MSHA05629

## INSPECTION OF NON-PERMISSIBLE ELECTRICAL EQUIPMENT

FIRE PROTECTION, FIRE EXTINGUISHER FOR DEFECTS 250 LBS. ROCK DUST IF NEEDED, FIRE EXTINGUISHER INSPECTION TAG AND DATED, SELF ACTUATING FIRE SUPPRESSIONS ARE OPERATIVE AND WIRED CORRECTLY TO REMOVE POWER FROM EQUIPMENT OR ENGINE SHUT DOWN, NOZZLES ARE PROTECTED AND PROPER LOCATION, HOSE ARE SECURED AND PROTECTED FROM DAMAGE, GAS BOTTLES OR AIR TANKS ARE NOT EXPENDED OUT.

CABLES AND CONDUITS IN GOOD CONDITION, CABLE ENTRANCE GLANDS PROPERLY INSTALLED, ADDITIONAL INSULATION PROVIDED ON ENTRANCE GLAND IF NEEDED, CABLES ARE ENTERED CORRECTLY, MONITOR AND GROUND CONNECTION ARE SEPARATED, BUSHED WERE PASS THROUGH MEDAL WALLS

EQUIPMENT GUARDS ARE IN PLACE AND SECURED, OPENINGS IN ELECTRICAL CONTROLLERS PLUGGED OR COVERED, DOORS TO ELECTRICAL CIRCUITS ARE SECURED SHUT, VISUAL WINDOWS IN GOOD CONDITION, ELECTRICAL CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EMERGENCY STOP SWITCHES WORK CORRECTLY, START AND STOP SWITCHES WORK PROPERLY, CHECK EQUIPMENT FOR PROPER OPERATION,

DISCONNECTS ARE IDENTIFIED CORRECTLY, ELECTRICAL PLUG AND RECEPTACLE IDENTIFIED CORRECTLY, RECEPTACLES AND PLUGS IN GOOD CONDITION, CIRCUITS ARE IDENTIFIED, PROVISIONS FOR LOCK OUT OF PLUG AND MACHINE, STRAIN CLAMPS INSTALLED AND WITH ADDITIONAL INSULATION, DUST COVERS FOR RECEPTACLES IN PLACE, GROUND STRAPS ARE HOOKED UP,

POWER CABLE IS HUNG ON INSULATORS, GUARDED WHERE IT CROSSES COMMUNICATION LINES AND HIGH VOLTAGE CABLE, IN GOOD CONDITION

CORRECT PROTECTION PROVIDED, OVERLOAD, SHORT CIRCUIT, GROUND FAULT, UNDER VOLTAGE,

CORRECT INSTANTANEOUS BREAKER SETTING (7 TIMES FLA=LOW 13 TIMES FLA=HIGH)  
THIS IS FOR POWER CABLES ONLY, 1.25 TIMES FLA= AMPACITES SIZE FOR CABLE

EQUIPMENT FREE OF ACCUMULATIONS, 24" CLEARANCE AROUND ALL SIDES, NO ROOF AND RIB HAZARDS, AREA WELL ROCK DUSTED

2MSHA05630

## INSPECTION OF PERMISSIBLE ELECTRICAL EQUIPMENT

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
CABLE REELS SHEAVES TURN FREELY, SHARPE EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY
CONTROLLERS, MOTORS, EXPLOSION PROOF COMPARTMENTS, FOR EXCESSIVE OPENINGS OF FLAME PATH, DIAMETRICAL CLEARANCE OF SHAFTS, MISSING BOLTS, LOCK WASHERS, FLAT WASHERS, GENERAL CONDITION OF COMPARTMENT
CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED
INTERMACHINE CABLES HAVE NO SPLICES, CONDUITS ARE IN GOOD CONDITION, MARKED FLAME RESISTANCE, PROPERLY CLAMPED ON GLAND, SEPARATE FROM HYD. HOSES, AND PROTECTED FROM DAMAGE
CHECK LIGHTS FOR OPERATION, LIGHTS SECURED DOWN, LIGHT LENS NOT DEFECTIVE, LENS SECURED BY LOCK DEVICE LIGHTS IN GOOD CONDITION
CHECK FOR PROPER OPERATION OF CIRCUIT BREAKERS, OVERLOAD PROTECTION, PROPER OPERATION OF ELECTRICAL CIRCUITS, EMERGENCY STOP CONTROLS, SWITCH OPERATIONS
CHECK FOR PROPER 2G APPROVAL PLATE, X/P TAGS ON EXPLOSION PROOF ENCLOSURES, CAB CERTIFICATION TAG
CHECK FOR PROPER OPERATION OF PARKING BRAKES, SERVICE BRAKE OPERATION
CHECK FOR OIL, COAL, GREASE ACCUMULATIONS ON MACHINE, PROPER GUARDING OF ROTATING PARTS TO PREVENT PERSONAL INJURY
CHECK BATTERY COVERS ARE SECURED, BATTERIES COVERS ARE INSULATED, RECEPICALS ARE IN GOOD CONDITION, LOCKING DEVICE IS INSTALLED TO PREVENT NIP FROM LOSING, CELL WATER LEVELS ARE CORRECT, CELL CAPS IN PLACE
CHECK FIRE SUPPRESSION FOR PROPER SPRAYS, SPRAY LOCATION, SPRAYS HAVE PROTECTIVE CAPS, (BATTERY BACKUP IS OPERATIONAL) ACTUATION BUTTON NOT SEIZED, CO2 BOTTLES NOT EXPENDED OUT, BOTTLES NOT DAMAGE, GENERAL CONDITION OF SYSTEM, FIRE EXTINGUISHER IN GOOD CONDITION, INSPECTION TAG ATTACHED AND EXTINGUISHER IS MOUNTED SECURELY.

COMMENTS:

2MSHA05631



PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-23-07	BELT PORTAL	TRICKLE DUSTER#ST4471	all ok at time of inspection	checked all OK	NM
4-23-07	BELT PORTAL	CONTROL BOXES, E.T.C.	dirty, dusty	cleaned, dusted off	NM
4-23-07	BELT PORTAL	MAGNET # 1 HEAD ROLLER	all ok at time of inspection	checked all OK	NM
4-23-07	GEN. MINE	DIESEL GENERATOR	Not on property	Searched property - Reported	NM

NOTE'S \_\_\_\_\_  
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PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-23-07	#1 BELT PORTAL	6.4 PUMP SC #P1	all OK at time of inspection	checked all OK	NM
4-23-07	#1 BELT OVERCAST	6.4 HP PUMP SC #P2 6.4 Trash pump P2	all OK at time of inspection	checked all OK	NM
4-23-07	XC 22 main so	5 HP PUMP #15 SO. CRANDALL	OOS	OOS checked Tag	NM
4-23-07	SO. CRANDALL ROCK ROOMS	6.4 KW STANCOR PUMP SC #P12	all OK at time of inspection	checked all OK	NM
4-23-07	SO. CRANDALL	LEE NORIS ROOF BOLTER	OOS	checked Tag	NM
4-23-07	SC INTAKE BOTTOM OF SLOPE	5HP SC #P3	all OK at time of inspection	checked all OK	NM
4-23-07	1 <sup>st</sup> EAST XC18	5 HP SC #P8	OOS all OK at time of inspection	checked all OK NM	NM
4-23-07	SC NORTH RETURN FACE	5HP #P9	OOS	checked all OK	NM
4-23-07	SOUTH MAIN XC 1	54KW SC #P10	OOS	checked all OK	NM
4-23-07	XC 2 #4 BELT	5HP #P11	OOS	checked all OK	NM
4-23-07	BORE HOLE	5HP SC #P5-13	OOS	checked all OK	NM
4-23-07	XC 24 SO. CRANDLL SO. MAIN	10HP SC #P14	OOS	checked Tag	NM
4-23-07	2ND EAST INTAKE	5HP PUMP SC #P19	Pump Gone	checked area	NM
4-23-07	3RD EAST BELT DRIVE	6.4 KW STANCOR PUMP SC #P21	OOS	checked Tag	NM

NOTE'S

2MSHA05635

**PERMISSIBILITY MUST BE SIGNED AND DATED**

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-23-07	#1 BELT DRIVE	3.6 HP PUMP#P2 FLYGHT	all ok at time of inspection	checked all OK	NM
4-23-07	XC 1 #1 BELT	10 HP PUMP #P1 STANCOR	Pump gone	checked area	NM
4-23-07	#1 BELT TAIL	10 HP PUMP #P3 FLYGHT Stanco	all ok at time of inspection	checked all OK	NM
4-23-07	XC 6 M.W. BELT LINE	6.4 KW PUMP #P4STANCOR	all ok at time of inspection	checked all OK	NM
4-23-07	1 <sup>ST</sup> SOUTH XC #6	5 HP PUMP #P5 FLYGHT	all ok at time of inspection	checked all OK	NM
4-23-07	XC 38 M.W. BELT	5 HP PUMP #P8 FLYGHT	all ok at time of inspection	checked all OK	NM
4-23-07	XC 39 M.W. BELT	3.5 KW PUMP #P9 FLYGHT	all ok at time of inspection	checked all OK	NM
4-23-07	XC 45 M.W.	#1 150 HP PUMP & #1 CONTROLLER	all ok at time of inspection	checked all OK	NM
4-23-07	XC 45 M.W.	#2 150 HP PUMP	all ok at time of inspection	checked all OK	NM
4-23-07	XC 47 M.W. BELT	6.4 KW PUMP #P10 STANCOR	all ok at time of inspection	checked all OK	NM
4-23-07	XC 46 M.W.	13 HP PUMP#P11 FLYGHT	all ok at time of inspection	checked all OK	NM
4-23-07	XC 46 M.W.	#P1 200 HP HIGH PRESSURE PUMP	Pump gone OOS	checked area Reported	NM
4-23-07	3 <sup>RD</sup> NO #1 BELT TAIL	6.4 STANCOR #P23	OOS	checked Tags	NM
4-23-07	3 <sup>RD</sup> NO. HEAD ROLLER	5 HP PUMP #P7 FLYGHT	OOS	checked Tags	NM
4-23-07	XC 46 MAIN WEST INTAKE	5 HP PUMP P19	all ok at time of inspection	checked all OK	NM
4-23-07	XC 40 MAIN WEST	5 HP PUMP #P6 FLYGHT	all ok at time of inspection	checked all OK	NM
4-23-07	XC 45 M.W.	150 HP PUMP OSna	all ok at time of inspection	checked all OK	NM
4-23-07	XC 65 MW	2CERCUIT D BOX #12	all ok at time of inspection	checked all OK	NM
4-23-07	XC 63 MW	5HP PUMP	all ok at time of inspection	checked all OK	NM

NOTE'S

2MSHA05636



DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-23-07	SO. CRANDALL XC 1	#1 BELT DRIVE AND LIGHTS	OOS	checked Tags	NM
4-23-07	SO. CRANDALL	3 <sup>RD</sup> EAST BELT AND TAKE UP SUP 500	OOS	checked Tags	NM
4-23-07	SO. CRANDALL	#2 BELT DRIVE & LIGHTS	OOS	checked Tags	NM
4-23-07	SO. CRANDALL	#3 BELT DRIVE, LIGHTS & BRAKE CONTROLLER & TAKE-UP	OOS	checked Tags	NM
4-23-07	SO. CRANDALL	#1 BELT SCALES	OOS	checked Tags	NM
4-23-07	SO. CRANDALL	#4 BATTERY COAL HAULER	OOS	checked Tags	NM
4-23-07	SO CRANDALL	2 EAST BELT & CONTROLLER	OOS	checked Tags	NM
4-23-07	SO CRANDALE	SUPER 500 & CONTROLLER 2 EAST	OOS	checked Tags	NM
	CRANDALE	#1 LEE NORSE	OOS	checked Tags	NM
	SO. CRANDALL				
	SO. CRANDALL				
	SO. CRANDALL				
	SO. CRANDALL				

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2MSHA05638

**PERMISSIBILITY MUST BE SIGNED AND DATED**

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-23-07	XC 3 MAIN NORTH	#1 DRIVE & TAKE-UP	dirty, other than that - OK	Washed checked all OK	NM
4-23-07	XC 5 MAIN WEST	#2 DRIVE & TAKE-UP	dirty, other than that OK	Washed checked all OK	NM
4-23-07	XC 39 MAIN WEST	#3 DRIVE & TAKE-UP	dirty, other than that OK	Washed checked all OK	NM
4-23-07	XC 69 MAIN WEST	#4 DRIVE & TAKE-UP	dirty, other than that all OK	checked all OK Washed	NM
4-23-07	XC 70 MAIN WEST	#4 BELT BRAKE	Dirty, other than that all OK	Washed, checked all OK	NM
4-23-07	XC 1 SO.MAINS	SO.MAINS #1 BELT DRIVE & TAKE-UP	005	005	NM
4-23-07	XC 33 MAIN WEST	3 <sup>RD</sup> #1 NORTH BELT DRIVE.	all ok at time of inspection	checked all OK	NM
4-23-07	XC 103 MAIN WEST	#5 DRIVE & TAKE-UP	dirty, other than that all OK	checked all OK	NM
4-23-07	MAIN WEST SHORT BELT	# 6 BELT DRIVE	dirty, other than that OK	checked all Washed OK	NM
4-23-07	MAIN WEST SECTION BELT	# 7 BELT DRIVE TAKE-UP	all OK at time of inspection	checked all OK	NM
4-23-07	XC 6 3 <sup>RD</sup> NORTH	3 <sup>RD</sup> NORTH #2 BELT DRIVE	in contact all other than that	checked all Reported Contact	NM

NOTES: \_\_\_\_\_  
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PERMISSIBILITY WEEKLY DATE ENDING 4-28-07

22 April 2007

RUSS LARSON  
CRANDALL MINE CONSPEC SYSTEM  
SOUTH CRANDALL MINE CONSPEC SYSTEM

SIGNATURE  DATE 4-26-07

2MSHA05640

PERMISSABILITY MUST BE SIGNED AND DATED

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
CABLE REELS SHEAVES TURN FREELY, SHARPE EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY
CONTROLLERS, MOTORS, EXPLOSION PROOF COMPARTMENTS, FOR EXCESSIVE OPENINGS OF FLAME PATH, DIAMETRICAL CLEARANCE OF SHAFTS, MISSING BOLTS, LOCK WASHERS, FLAT WASHERS, GENERAL CONDITION OF COMPARTMENT
CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED
INTERMACHINE CABLES HAVE NO SPLICES, CONDUITS ARE IN GOOD CONDITION, MARKED FLAME RESISTANCE, PROPERLY CLAMPED ON GLAND, SEPARATE FROM HYD. HOSES, AND PROTECTED FROM DAMAGE
CHECK LIGHTS FOR OPERATION, LIGHTS SECURED DOWN, LIGHT LENS NOT DEFECTIVE, LENS SECURED BY LOCK DEVICE LIGHTS IN GOOD CONDITION
CHECK FOR PROPER OPERATION OF CIRCUIT BREAKERS, OVERLOAD PROTECTION, PROPER OPERATION OF ELECTRICAL CIRCUITS, EMERGENCY STOP CONTROLS, SWITCH OPERATIONS
CHECK FOR PROPER 2G APPROVAL PLATE, X/P TAGS ON EXPLOSION PROOF ENCLOSURES, CAB CERTIFICATION TAG
CHECK FOR PROPER OPERATION OF PARKING BRAKES, SERVICE BRAKE OPERATION
CHECK FOR OIL, COAL, GREASE ACCUMULATIONS ON MACHINE, PROPER GUARDING OF ROTATING PARTS TO PREVENT PERSONAL INJURY
CHECK BATTERY COVERS ARE SECURED, BATTERIES COVERS ARE INSULATED, RECEPTICALS ARE IN GOOD CONDITION, LOCKING DEVICE IS INSTALLED TO PREVENT NIP FROM LOSING, CELL WATER LEVELS ARE CORRECT, CELL CAPS IN PLACE
CHECK FIRE SUPPRESSION FOR PROPER SPRAYS, SPRAY LOCATION, SPRAYS HAVE PROTECTIVE CAPS, (BATTERY BACKUP IS OPERATIONAL) ACTUATION BUTTON NOT SEIZED, CO2 BOTTLES NOT EXPENDED OUT, BOTTLES NOT DAMAGE, GENERAL CONDITION OF SYSTEM, FIRE EXTINGUISHER IN GOOD CONDITION, INSPECTION TAG ATTACHED AND EXTINGUISHER IS MOUNTED SECURELY.

COMMENTS:

2MSHA05641

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-26-07	CRANDALL MINE	CONSPEC SYSTEM			RL
4-26-07	SO. CRANDALL MINE	CONSPEC SYSTEM			RL
<i>Section's alarm function test</i>					
4-26-07	Main Vest				RL

NOTE'S \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S
4-26-07	Battery Drill & Charger			RL

PERMISSIBILITY weekly date ending 4-28-07 -----

22 April 2007

HUGH ARRIOTTI BLAIN FILLMORE

ISUZU TRUCK'S

**Signature**

SIGN

DATE

4-25-07

2MSHA05643

**INSPECTION OF NON-PERMISSIBLE DIESEL EQUIPMENT  
(HEAVY AND LIGHT DUTY)**

FIRE PROTECTION, FIRE EXTINGUISHER FREE OF DEFECTS, INSPECTION TAG ON AND DATED, FIRE SUPPRESSION SYSTEM IS IN GOOD CONDITION AND OPERATIONAL, CAPS ARE ON NOZZLES, NOZZLES LOCATION IS CORRECT, ALL COMPONENTS ARE MOUNTED SECURELY,

SAFETY SHUT DOWN SYSTEMS ARE OPERATIONAL, FUEL SHUT OFF VALVES IN GOOD CONDITION AND LOCATION IS CORRECT,

EQUIPMENT IS FREE OF OIL, COAL, FUEL ACCUMULATIONS, STARTER FLUID IS IN PROPER CONTAINER,

FUEL SYSTEM, CHECK FOR FUEL LEAKS, SELF CLOSING FUEL CAP IS WORKING PROPERLY, HIGH PRESSURE FUEL LINES GUARDED OR COVERED PROPERLY, FUEL LINES PROTECTED FROM DAMAGE, FUEL TANK GUARD IN PLACE

ELECTRICAL SYSTEM, CHECK FOR PROPER FUSE SIZE, CORRECT TYPE OF FUSE, BATTERY COVERS IN PLACE, WIRING OF PROPER SIZE, MAIN DISCONNECT WORKING PROPERLY, WIRING BUSHED THROUGH METAL WALLS, WIRING SECURED DOWN, CHECK AUDIBLE WARNING DEVICE WORKING CORRECTLY, CHECK NEUTRAL START SWITCH, ALL BARE ELECTRICAL TERMINALS ARE INSULATED, ALL REQUIRED LIGHTS ARE WORKING, CHECK THAT FUEL LINES ARE SEPARATED FROM ELECTRICAL WIRING

CHECK FOR CORRECT MSHA APPROVAL TAG ON ENGINE, ALL GLASS IN GOOD CONDITION, OPERATIONAL CONTROLS WORKING PROPERLY, SPARK ARRESTER INTACT, MACHINE PARKING BRAKE AND SERVICE BRAKES WORKING PROPERLY, EMERGENCY STOP PANIC BARS CORRECTLY ENGAGE BRAKING SYSTEM AND STOP MACHINE, WITHIN 5 SECONDS OF ENGINE SHUT DOWN (HEAVY DUTY ONLY)

2MSHA05644

**INSPECTION OF NON-PERMISSIBLE ELECTRICAL EQUIPMENT**

<p>FIRE PROTECTION, FIRE EXTINGUISHER FOR DEFECTS 250 LBS. ROCK DUST IF NEEDED, FIRE EXTINGUISHER INSPECTION TAG AND DATED, SELF ACTUATING FIRE SUPPRESSIONS ARE OPERATIVE AND WIRED CORRECTLY TO REMOVE POWER FROM EQUIPMENT OR ENGINE SHUT DOWN, NOZZLES ARE PROTECTED AND PROPER LOCATION, HOSE ARE SECURED AND PROTECTED FROM DAMAGE, GAS BOTTLES OR AIR TANKS ARE NOT EXPENDED OUT.</p>
<p>CABLES AND CONDUITS IN GOOD CONDITION, CABLE ENTRANCE GLANDS PROPERLY INSTALLED, ADDITIONAL INSULATION PROVIDED ON ENTRANCE GLAND IF NEEDED, CABLES ARE ENTERED CORRECTLY, MONITOR AND GROUND CONNECTION ARE SEPARATED, BUSHED WERE PASS THROUGH METAL WALLS</p>
<p>EQUIPMENT GUARDS ARE IN PLACE AND SECURED, OPENINGS IN ELECTRICAL CONTROLLERS PLUGGED OR COVERED, DOORS TO ELECTRICAL CIRCUITS ARE SECURED SHUT, VISUAL WINDOWS IN GOOD CONDITION, ELECTRICAL CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EMERGENCY STOP SWITCHES WORK CORRECTLY, START AND STOP SWITCHES WORK PROPERLY, CHECK EQUIPMENT FOR PROPER OPERATION,</p>
<p>DISCONNECTS ARE IDENTIFIED CORRECTLY, ELECTRICAL PLUG AND RECEPTACLE IDENTIFIED CORRECTLY, RECEPTACLES AND PLUGS IN GOOD CONDITION, CIRCUITS ARE IDENTIFIED, PROVISIONS FOR LOCK OUT OF PLUG AND MACHINE, STRAIN CLAMPS INSTALLED AND WITH ADDITIONAL INSULATION, DUST COVERS FOR RECEPTACLES IN PLACE, GROUND STRAPS ARE HOOKED UP,</p>
<p>POWER CABLE IS HUNG ON INSULATORS, GUARDED WHERE IT CROSSES COMMUNICATION LINES AND HIGH VOLTAGE CABLE, IN GOOD CONDITION</p>
<p>CORRECT PROTECTION PROVIDED, OVERLOAD, SHORT CIRCUIT, GROUND FAULT, UNDER VOLTAGE,</p>
<p>CORRECT INSTANTANEOUS BREAKER SETTING (7 TIMES FLA=LOW 13 TIMES FLA=HIGH) THIS IS FOR POWER CABLES ONLY, 1.25 TIMES FLA= AMPACITES SIZE FOR CABLE</p>
<p>EQUIPMENT FREE OF ACCUMULATIONS, 24" CLEARANCE AROUND ALL SIDES, NO ROOF AND RIB HAZARDS, AREA WELL ROCK DUSTED</p>

2MSHA05645

DATE	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4/24	# 27 ISUZU	windshield, fuel tank	Done fuel tank	AA
	# 28 ISUZU	red head		
4/24	# 29 ISUZU	park brake, back alarm	Tagged	
4/23	# 31 ISUZU	park brake, headlights	Done	
4/24	# 32 ISUZU	park brake - fire alarm	Tagged	
4/25	# 6	OK		
4/25	# 36 ISUZU	Windshield		
	# 46 ISUZU	OOS		
	# 47 ISUZU	OK		
	# 2 ISUZU			
4/24	# 3 ISUZU	wire ground (PB)	Done	
4/25	# 4 ISUZU	Headlight	Done	
4/26	# 9 ISUZU	OK		
4/25	# 11 ISUZU	Windshield, Brake, back alarm	Done	
4/24	# 12 ISUZU	Headlight, Back alarm	Done	
4/23	# 1 ISUZU	Brake, headlights	Done	
4/26	# 44 ISUZU	OK, PB, Windshield	Tagged	
4/24	# 20 ISUZU	Brake	Done	
4/25	# 21 ISUZU	Back alarm	Done	
4/24	# 22 ISUZU	OOS		
	# 23 ISUZU			

PERMISSIBILITY

MUST BE SIGNED AND DATED

LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S
4/26	1/2" DRILL	OK		AV
	4 1/2" GRINDER	OK		
	BATTERY CHARGER	OK		

2MSHA05646

PERMISSIBILITY WEEKLY DATE ENDING 4-28-07

22 April 2007

HUGH ARRIOTTI BLAIN FILLMORE

OUT-BY 2- ENTRY DIESEL EQUIPMENT

, DIESEL BOLTER ALLCO GATOR  
, # 404, JEFFRY DUSTER #10 BUCKEN WHILLEY

SIGN **Signature** \_\_\_\_\_ DATE 4-25-07

**MUST BE SIGNED AND DATED**

**PERMISSIBILITY**

2MSHA05647

### INSPECTION OF PERMISSIBLE DIESEL EQUIPMENT (HEAVY DUTY)

INTAKE AIR SYSTEM, CHECK FOR DAMAGE OR ALTERED, COPPER GASKET IN GOOD CONDITION, INTAKE FLAME ARRESTER CLEAN, NO EXCESSIVE OPENINGS .018 INCH FILAMENT TYPE, NO HOLE TYPE DO LIGHT TEST

EXHAUST SYSTEM, CHECK ALL BOLTS AND WASHERS IN PLACE AND TIGHT, ALL GASKETS INSTALLED AND JOINTS TIGHT, EXHAUST SYSTEM FASTENERS IN PLACE AND TIGHT, EXHAUST IN GOOD CONDITION, HOLES PLUGGED, NO CRACKS

CHECK SHUT DOWN, INTAKE VACUUM NOT TO EXCEED 25" OF WATER AT FULL THROTTLE, EXHAUST BACK PRESSURE AT FULL THROTTLE NOT TO EXCEED 34" OF WATER, CHECK FOR AIR SYSTEM LEAKS, SCRUBBER SYSTEM SHUT DOWN LOW WATER, HIGH TEMP. SHUT DOWN, HIGH COOLANT SHUT DOWN, EMERGENCY INTAKE AIR SHUT OFF OPERATIONAL, BRAKES OPERATIONAL SET UP WITH IN 5 SEC. OF SHUT DOWN, ALL COVERS AND GUARDS IN PLACE AND SECURED DOWN,

CHECK FIRE SUPPRESSION SPRAYS CAPPED, HOSED PROTECTED FROM DAMAGE, ACTUATOR PRESSURIZED, AUTOMATIC SYSTEM FUNCTIONAL, FIRE SUPPRESSION ENGINE SHUT DOWN OPERATIONAL, FIRE EXTINGUISHER MOUNTED, DATE AND INSPECTION TAG ATTACHED.

CHECK AUDIBLE WARNING DEVICE, MACHINE FREE OF ACCUMULATIONS, CHECK PARK BRAKE SYSTEM IS OPERATIONAL, CHECK MACHINE CONTROLS FOR PROPER OPERATION, ALL LIGHTS WORK IN BOTH DIRECTIONS, PACKING GLANDS INSTALLED CORRECTLY, PACKING NUTS SECURED WITH LOCKING DEVICE, UNUSED GLANDS SPOT WELDED, CABLES AND CONDUITS ARE FLAME RESISTANT, CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EXPLOSION PROOF COMPARTMENTS, NO EXCESS GAPS. IN FLAME PATHS ALL BOLTS ARE TIGHT AND IN GOOD CONDITION, XP AND 2G TAGS ARE ON, ELECTRICAL SYSTEM IN GOOD CONDITION

2MSHA05648

INSPECTION OF NON-PERMISSIBLE DIESEL EQUIPMENT  
(HEAVY AND LIGHT DUTY)

FIRE PROTECTION, FIRE EXTINGUISHER FREE OF DEFECTS, INSPECTION TAG ON AND DATED, FIRE SUPPRESSION SYSTEM IS IN GOOD CONDITION AND OPERATIONAL, CAPS ARE ON NOZZLES, NOZZLES LOCATION IS CORRECT, ALL COMPONENTS ARE MOUNTED SECURELY,
SAFETY SHUT DOWN SYSTEMS ARE OPERATIONAL, FUEL SHUT OFF VALVES IN GOOD CONDITION AND LOCATION IS CORRECT,
EQUIPMENT IS FREE OF OIL, COAL, FUEL ACCUMULATIONS, STARTER FLUID IS IN PROPER CONTAINER,
FUEL SYSTEM, CHECK FOR FUEL LEAKS, SELF CLOSING FUEL CAP IS WORKING PROPERLY, HIGH PRESSURE FUEL LINES GUARDED OR COVERED PROPERLY, FUEL LINES PROTECTED FROM DAMAGE, FUEL TANK GUARD IN PLACE
ELECTRICAL SYSTEM, CHECK FOR PROPER FUSE SIZE, CORRECT TYPE OF FUSE, BATTERY COVERS IN PLACE, WIRING OF PROPER SIZE, MAIN DISCONNECT WORKING PROPERLY, WIRING BUSHED THROUGH METAL WALLS, WIRING SECURED DOWN, CHECK AUDIBLE WARNING DEVICE WORKING CORRECTLY, CHECK NEUTRAL START SWITCH, ALL BARE ELECTRICAL TERMINALS ARE INSULATED, ALL REQUIRED LIGHTS ARE WORKING, CHECK FUEL LINE ARE SEPARATED FROM ELECTRICAL WIRING
CHECK FOR CORRECT MSHA APPROVAL TAG ON ENGINE, ALL GLASS IN GOOD CONDITION, OPERATIONAL CONTROLS WORKING PROPERLY, SPARK ARRESTER INTACT, MACHINE PARKING BRAKE AND SERVICE BRAKES WORKING PROPERLY, EMERGENCY STOP PANIC BARS CORRECTLY IN GAGE BRAKING SYSTEM AND STOP MACHINE, WITHIN 5 SECONDS OF ENGINE SHUT DOWN (HEAVY DUTY ONLY)

2MSHA05649

## INSPECTION OF NON-PERMISSIBLE ELECTRICAL EQUIPMENT

FIRE PROTECTION, FIRE EXTINGUISHER FOR DEFECTS 250 LBS. ROCK DUST IF NEEDED, FIRE EXTINGUISHER INSPECTION TAG AND DATED, SELF ACTUATING FIRE SUPPRESSIONS ARE OPERATIVE AND WIRED CORRECTLY TO REMOVE POWER FROM EQUIPMENT OR ENGINE SHUT DOWN, NOZZLES ARE PROTECTED AND PROPER LOCATION, HOSE ARE SECURED AND PROTECTED FROM DAMAGE, GAS BOTTLES OR AIR TANKS ARE NOT EXPENDED OUT.
CABLES AND CONDUITS IN GOOD CONDITION, CABLE ENTRANCE GLANDS PROPERLY INSTALLED, ADDITIONAL INSULATION PROVIDED ON ENTRANCE GLAND IF NEEDED, CABLES ARE ENTERED CORRECTLY, MONITOR AND GROUND CONNECTION ARE SEPARATED, BUSHED WERE PASS THROUGH MEDAL WALLS
EQUIPMENT GUARDS ARE IN PLACE AND SECURED, OPENINGS IN ELECTRICAL CONTROLLERS PLUGGED OR COVERED, DOORS TO ELECTRICAL CIRCUITS ARE SECURED SHUT, VISUAL WINDOWS IN GOOD CONDITION, ELECTRICAL CABLES AND CONDUITS ARE PROTECTED FROM DAMAGE, EMERGENCY STOP SWITCHES WORK CORRECTLY, START AND STOP SWITCHES WORK PROPERLY, CHECK EQUIPMENT FOR PROPER OPERATION,
DISCONNECTS ARE IDENTIFIED CORRECTLY, ELECTRICAL PLUG AND RECEPTACLE IDENTIFIED CORRECTLY, RECEPTACLES AND PLUGS IN GOOD CONDITION, CIRCUITS ARE IDENTIFIED, PROVISIONS FOR LOCK OUT OF PLUG AND MACHINE, STRAIN CLAMPS INSTALLED AND WITH ADDITIONAL INSULATION, DUST COVERS FOR RECEPTACLES IN PLACE, GROUND STRAPS ARE HOOKED UP,
POWER CABLE IS HUNG ON INSULATORS, GUARDED WHERE IT CROSSES COMMUNICATION LINES AND HIGH VOLTAGE CABLE, IN GOOD CONDITION
CORRECT PROTECTION PROVIDED, OVERLOAD, SHORT CIRCUIT, GROUND FAULT, UNDER VOLTAGE,
CORRECT INSTANTANEOUS BREAKER SETTING (7 TIMES FLA=LOW 13 TIMES FLA=HIGH) THIS IS FOR POWER CABLES ONLY, 1.25 TIMES FLA= AMPACITES SIZE FOR CABLE
EQUIPMENT FREE OF ACCUMULATIONS, 24" CLEARANCE AROUND ALL SIDES, NO ROOF AND RIB HAZARDS, AREA WELL ROCK DUSTED

2MSHA05650

**PERMISSIBILITY MUST BE SIGNED AND DATED**

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
					AS
4/25	GEN MINE	JEFFREY DUSTER #13	005		
	GEN MINE	STEAM CLEANER	005		
	GEN MINE	DIESEL GATOR #15	005		
	GEN MINE	#10 BUCKIN WILLY	need work	loggs	

NOTE'S

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LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

2MSHA05651

VEHICLE	CONDITIONS AND COMMENTS			WEEK OF
	SAFE TO OPERATE	EMMISSIONS & FIRE SUPP.	DEFECT OR CONDITION	CORRECTIVE ACTION
				4-23-28
#1-975	OK	OK		OK
#4-975	OK	OK	Change filter	Done
#5-GEHL	OK			
#6-GEHL	OK			
#7-GEHL	OK			
#4-4110	OK			
#1 TERRA PRO	OK			

**WEEKLY H.D. & PERMISSIBLE VEHICLE CHECK**

2MSHA05652

PERMISSIBILITY WEEKLY DATE ENDING 4-28-07

22 April 2007

BLAIN FILLMORE HUGH ARRIOTTI

# 2 AIR# 1 & # 2 DIESEL WELDERS  
COMPRESSOR,  
BANANA DUSTER, BUCKIN WILLY,  
# 5 SLINGER DUSTER #5 #6 #7 GEHL  
TERRA PRO #1 #4 975

SIGNED

Signature

DATE

4-25-07

INSPECTION OF NON-PERMISSIBLE DIESEL EQUIPMENT  
(HEAVY AND LIGHT DUTY)

FIRE PROTECTION, FIRE EXTINGUISHER FREE OF DEFECTS, INSPECTION TAG ON AND DATED, FIRE SUPPRESSION SYSTEM IS IN GOOD CONDITION AND OPERATIONAL, CAPS ARE ON NOZZLES, NOZZLES LOCATION IS CORRECT, ALL COMPONENTS ARE MOUNTED SECURELY,

SAFETY SHUT DOWN SYSTEMS ARE OPERATIONAL, FUEL SHUT OFF VALVES IN GOOD CONDITION AND LOCATION IS CORRECT,

EQUIPMENT IS FREE OF OIL, COAL, FUEL ACCUMULATIONS, STARTER FLUID IS IN PROPER CONTAINER,

FUEL SYSTEM, CHECK FOR FUEL LEAKS, SELF CLOSING FUEL CAP IS WORKING PROPERLY, HIGH PRESSURE FUEL LINES GUARDED OR COVERED PROPERLY, FUEL LINES PROTECTED FROM DAMAGE, FUEL TANK GUARD IN PLACE

ELECTRICAL SYSTEM, CHECK FOR PROPER FUSE SIZE, CORRECT TYPE OF FUSE, BATTERY COVERS IN PLACE, WIRING OF PROPER SIZE, MAIN DISCONNECT WORKING PROPERLY, WIRING BUSHED THROUGH METAL WALLS, WIRING SECURED DOWN, CHECK AUDIBLE WARNING DEVICE WORKING CORRECTLY, CHECK NEUTRAL START SWITCH, ALL BARE ELECTRICAL TERMINALS ARE INSULATED, ALL REQUIRED LIGHTS ARE WORKING, CHECK FUEL LINE ARE SEPARATED FROM ELECTRICAL WIRING

CHECK FOR CORRECT MSHA APPROVAL TAG ON ENGINE, ALL GLASS IN GOOD CONDITION, OPERATIONAL CONTROLS WORKING PROPERLY, SPARK ARRESTER INTACT, MACHINE PARKING BRAKE AND SERVICE BRAKES WORKING PROPERLY, EMERGENCY STOP PANIC BARS CORRECTLY IN GAGE BRAKING SYSTEM AND STOP MACHINE, WITHIN 5 SECONDS OF ENGINE SHUT DOWN (HEAVY DUTY ONLY)

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4/25	GEN MINE	BANANA DUSTER	OK		JJA
	GEN MINE	#2 TERRA PRO	OOS		
	GEN MINE	# 5 SLINGER DUSTER	Need work	tags	
	GEN MINE	# 2 AIR COMPRESSOR	needs work	tags	
	GEN MINE	# 2 WELDING TRAILER	OK		
	GEN MINE	#5 GEHL	OOS		
	GEN MINE	#6 GEHL	OOS		
	GEN MINE	#1 TERRA PRO	OOS		
	GEN MINE	#1 975	OK		
	GEN MINE	#4 975	OK		

NOTE'S

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LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	Action TAKEN	INITIAL'S

PERMISSIBILITY WEEKLY DATE ENDING 4-28-07

MAIN WEST SECTION  
JASON FURRH  
#13269 FEEDER BREAKER  
12-6SC 12-8 SC 12-9 S/C 12-11 S/C  
#5,6 MRS'S

Signature

SIGNE

DATE

4-26-07

2MSHA05657

PERMISSABILITY MUST BE SIGNED AND DATED

TRAILING CABLE SHORT CIRCUIT PROTECTION SETTING FOR SIZE OF CABLE, APPROVED LENGTH, SIZE OF CABLE, CONDITION OF CABLE, CONDITION OF SPLICES, I.D. TAG ON NIP, STRAIN CLAMPS INSTALLED, GROUND AND MONITOR CONNECTION SEPARATE IN REEL AND MAIN CONTROLLER
CABLE REELS SHEAVES TURN FREELY, SHARPE EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY
CONTROLLERS, MOTORS, EXPLOSION PROOF COMPARTMENTS, FOR EXCESSIVE OPENINGS OF FLAME PATH, DIAMETRICAL CLEARANCE OF SHAFTS, MISSING BOLTS, LOCK WASHERS, FLAT WASHERS, GENERAL CONDITION OF COMPARTMENT
CABLE PACKING GLANDS, CHECK FOR PROPER PACKING, MIN. 1/8" BETWEEN PACKING GLAND AND STUFFING BOX, WIRE SEAL OR LOCKING DEVICE INSTALLED TO SECURE AGAINST LOOSENING, CONDUIT PROPERLY CLAMPED, GLAND NOT DAMAGED
INTERMACHINE CABLES HAVE NO SPLICES, CONDUITS ARE IN GOOD CONDITION, MARKED FLAME RESISTANCE, PROPERLY CLAMPED ON GLAND, SEPARATE FROM HYD. HOSES, AND PROTECTED FROM DAMAGE
CHECK LIGHTS FOR OPERATION, LIGHTS SECURED DOWN, LIGHT LENS NOT DEFECTIVE, LENS SECURED BY LOCK DEVICE LIGHTS IN GOOD CONDITION
CHECK FOR PROPER OPERATION OF CIRCUIT BREAKERS, OVERLOAD PROTECTION, PROPER OPERATION OF ELECTRICAL CIRCUITS, EMERGENCY STOP CONTROLS, SWITCH OPERATIONS
CHECK FOR PROPER 2G APPROVAL PLATE, X/P TAGS ON EXPLOSION PROOF ENCLOSURES, CAB CERTIFICATION TAG
CHECK FOR PROPER OPERATION OF PARKING BRAKES, SERVICE BRAKE OPERATION
CHECK FOR OIL, COAL, GREASE ACCUMULATIONS ON MACHINE, PROPER GUARDING OF ROTATING PARTS TO PREVENT PERSONAL INJURY
CHECK BATTERY COVERS ARE SECURED, BATTERIES COVERS ARE INSULATED, RECEPTICALS ARE IN GOOD CONDITION, LOCKING DEVICE IS INSTALLED TO PREVENT NIP FROM LOSING, CELL WATER LEVELS ARE CORRECT, CELL CAPS IN PLACE
CHECK FIRE SUPPRESSION FOR PROPER SPRAYS, SPRAY LOCATION, SPRAYS HAVE PROTECTIVE CAPS, (BATTERY BACKUP IS OPERATIONAL) ACTUATION BUTTON NOT SEIZED, CO2 BOTTLES NOT EXPENDED OUT, BOTTLES NOT DAMAGE, GENERAL CONDITION OF SYSTEM, FIRE EXTINGUISHER IN GOOD CONDITION, INSPECTION TAG ATTACHED AND EXTINGUISHER IS MOUNTED SECURELY.

COMMENTS:

2MSHA05658

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4/24	MAIN WEST	FEEDER BREAKER 13269	ACCUMULATION & MISSING FIRE SUPP. CAP	WASHED REPLACED PERE SUPP. CAP	J
4/24	MAIN WEST	12-6 SC	OOS	OOS	J
4/24	MAIN WEST	12-8 SC	JUNCTION BOX FOR TRAM MOTOR BROKE OFF.	RE-WELDED IT BACK ON	J
4/25	MAIN WEST	12-11 SC	ACCUMULATION OIL/GREASE	WASHED	J
4/25	MAIN WEST	12-9 S/C	OOS DBT	OOS	J
4/24	MAIN WEST	#5 MRS	OOS	TAGGED OOS	J
4/24	MAIN WEST	#6 MRS	OOS	TAGGED OOS	J
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
		JASON FURRH			

NOTE'S

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LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

**PERMISSIBILITY**

**April 2007**

**GRAVEYARD**

LOW & MEDIUM VOLTAGE  
MONTHLY CIRCUIT BREAKER TEST'S  
HIGH VOLTAGE TEST'S SUB-STATION  
SURFACE H.V. VISUAL DIS-CONNECT

**Signature**

SIGNED

DATE

4-26-07

4-26-07

**MONTHLY INSPECTION OF HIGH VOLTAGE  
TRANSFORMER'S AND SWITCH GEAR**

FIRE PROTECTION , FIRE EXTINGUISHER FOR DEFECTS, 250 LBS. ROCK DUST, FIRE EXTINGUISHER INSPECTION TAG AND DATED
POWER CENTER FREE OF ACCUMULATIONS, COMBUSTIBLE MATERIAL, NO TRIPPING HAZARDS IN WALK WAY, 24" CLEARANCE AROUND ALL SIDES, CHECK FOR ROOF AND RIB HAZARD
RECEPTACLES AND PLUGS IN GOOD CONDITION, CIRCUITS CLEARLY IDENTIFIED, PROVISIONS FOR LOCK-OUT OF PLUGS, GROUND STRAPS ARE ATTACHED PROPERLY, PLUGS ARE IDENTIFIED, STRAIN CLAMPS ARE PROPERLY IN STALLED WITH ADDITIONAL INSULATION
INSTANTANEOUS SETTINGS ARE CORRECT (POWER CABLES OR TRAILING CABLES)
COVERS ARE IN PLACE AND SECURED DOWN, NO BOLTS MISSING, NO EXCESSIVE OPENINGS IN PANELS
ELECTRICAL COMPONENTS, CIRCUIT BREAKERS, MONITORS, TEST SWITCHES, EMERGENCY STOP BUTTON, IS IN GOOD CONDITION AND OPERATIVE
HIGH VOLTAGE, NIP IN GOOD CONDITION, STRAIN CLAMP INSTALLED, CLEARLY IDENTIFIED, CABLE GUARDED UNLESS 6 ½' ABOVE FLOOR, 120V AREA LIGHTS, PROVISIONS FOR LOCK OUT, VISUAL WINDOW IS CLEAR

**CIRCUIT BREAKER'S**  
**FUNCTIONAL TEST'S OF AUXILIARY CIRCUIT'S**

DATE	LOCATION	EQUIP	CONTROL POWER	GROUND MONITOR	GROUND FAULT	COND. FOUND ACTION TAKEN	INITIALS
4/26	MW SECTION	SECTION TRANS #29	OK	OK	OK	ALL OK AT TIME OF INSPECTION	J
4-26-07	MW XC 4	#2 BELT DRIVE TRANS # 8	OK	OK	OK	all ok at time of inspection	AK
4/26	MN XC6	#1 BELT DRIVE TRANS # 2	OK	OK	OK	ALL OK	J
4/26	X/C 40 MW	#1 CAP BANK .750KVAR	OK	OK	OK	ALL OK	J
4/24	X/C 14 3 <sup>RD</sup> NORTH	#16 TRANS 1750 KVA 950 480V	OK	OK	OK	ALL OK	J

NOTE'S \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**MONTHLY TEST'S OF ALL TRANSFORMER  
CIRCUIT BREAKER'S**

**FUNCTIONAL TEST'S OF AUXILIARY CIRCUIT'S**

DATE	LOCATION	EQUIP	CONTROL POWER	GROUND MONITOR	GROUND FAULT	COND. FOUND ACTION TAKEN	INITIALS
4-26-07	MAIN WEST X/C 3 SHORT BELT # 6 AND #7 BELT	# 27 TRANS 1000 KVA 950/480 V.	OK	OK	OK	all ok at time of inspection	NM
4/26	MAIN WEST SECTION TRANS.	# 30 TRANS 1000 KVA 950/480 V.	OK	OK	OK	ALL OK	J
4-26-07	XC102 MAIN WEST	#17 1000KVA	OK	OK	OK	all ok at time of inspection	NM
4-26	XC69 MAIN WEST	# 19 TRANS 750 KVA 950/480 V.	OK	OK	OK	OK at time of inspection	JR
4-26-07	XC44 MAIN WEST	# 9 TRANS 750 KVA 950/480 V.	OK	OK	OK	all ok at time of insp	NM
4/26	XC40 MAIN WEST	# 5 TRANS 750 KVA 950/480 V.	OK	OK	OK	ALL OK	J
4/26	XC0 3 <sup>RD</sup> NORTH	#3 TRANS. 225KVA 480 V	OK	OK	OK	ALL OK	J
4/26	XC 4 3 <sup>RD</sup> NORTH	# 14 600 KVA 950 480	OK	OK	OK	ALL OK	J
4-26-07	X/C 2 SO MAINS	#23 1000 KVA 950 480V	OK	OK	OK	all ok at time of insp	NM
4/26	XC29 MAIN WEST	# 8 TRANS 500 KVA 950/480 V.	OK	OK	OK	ALL OK	J

NOTE'S \_\_\_\_\_

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**HIGH VOLTAGE SWITCH GEAR  
MONTHLY EXAM'S**

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4/26/07	XC 4 M.W.	# 2 SWITCH GEAR 7200 VOLT	all ok at time of insp	Checked all ok	RM
4/26	XC 40 M.W.	# 3 SWITCH GEAR 7200 VOLT	ALL OK	CHECKED ALL OK	J-
4/26	XC 88 M.W.	# 4 SWITCH GEAR 7200 VOLT	OK at time of inspection	checked Breakers	R
4/26	XC 24 M.W.	# 7 SWITCH GEAR 7200 VOLT	OK at time of inspection	checked Breakers	R
4/26	XC 69 M.W.	# 8 SWITCH GEAR 7200 VOLT	OK at time of inspection	checked Breakers	R

NOTE'S

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**MONTHLY EXAM OF DIST. BOXES**

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4-26	X/C 26 MW	#10 DIST BOX	OK at inspection	None	R
4-26-07	X/C 49 MW	# 9 DIST BOX	all OK at time of insp	checked all OK	SJM
4-26	XC 40 M.W.	# 8 DIST. BOX	OK at inspection	None	R
4/26	XC 16 MAIN NORTH	# 11 DIST. BOX	ALL OK	CHECKED ALL OK	J-
4-26-07	XC 39 SO. MAIN	# 16 DIST. BOX	all OK at time of insp	checked all	OK. SJM

NOTE'S \_\_\_\_\_

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2MSHA05665

**SUB-STATION CIRCUIT SETTING'S**

**INCOMING POWER**

OVER CURRENT RELAY  
CT RATIO 600:5

TAP SETTING- 5  
TIME SETTING- 3  
INST. SETTING- 7

GROUND FAULT SETTING  
CT RATIO 9:1

TAP SETTING- 3  
TIME SETTING- 3

**SURFACE FEEDER**

OVER CURRENT RELAY  
CT RATIO 100:5

TAP SETTING 4  
TIME SETTING- 5.9  
INST. SETTING- 4

GROUND FAULT SETTING  
CT RATIO 9:1

TAP SETTING- 2  
TIME SETTING- .5

**7200 U.G. FEEDER**

OVERCURRENT RELAY  
CT RATIO 100:5

TAP SETTING- 4  
TIME SETTING- 6  
INST. SETTING- 7

UNDER VOLTAGE RELAY

TAP SETTING- 70  
TIME SETTING- 5

GROUND FAULT SETTING  
CT RATIO 9:1

TAP SETTING- 3  
TIME SETTING- 5

**7200 LOAD-OUT**

OVER CURRENT RELAY  
CT RATIO 100:5

TAP SETTING 2.5  
TIME SETTING- 2  
INST. SETTING 5

GROUND FAULT SETTING  
CT RATIO 9:1

TAP SETTING- 1  
TIME SETTING .1

**12470 U.G. FEEDER**

OVERCURRENT RELAY  
CT RATIO 100:5

TAP SETTING- 005  
TIME SETTING- 1  
INST. SETTING- 7

UNDER VOLTAGE RELAY

TAP SETTING \_\_\_\_\_  
TIME SETTING \_\_\_\_\_

GROUND FAULT SETTING  
CT RATIO 9:1

TAP SETTING \_\_\_\_\_  
TIME SETTING \_\_\_\_\_