

PERMISSIBILITY WEEKLY DATE ENDING 6-16-07

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

SIGNED

DATE

6-16-06

2MSHA06185

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:

2MSHA06186

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DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
6/16	MAIN WEST	FEEDER BREAKER 13269	2 LEAD SEALS LOW ON STARTER BOX ENTRANCE GLANDS	PUT NEW LEAD SEALS ON	J
6/16	MAIN WEST	12-8 SC	ACCUMULATION OIL / COAL	WASHED	J
6/16	MAIN WEST	12-11 SC	ACCUMULATION OIL / COAL	WASHED	J
6/16	MAIN WEST	#5 MRS	O.O.S.	CHECKED TAG	J
6/16	MAIN WEST	#6 MRS	O.O.S.	CHECKED TAG	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 6-16-07

10 June 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** DATE 6-11-07  
6-14-07  
6-15-07

2MSHA06188

## 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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CRANDALL MINE

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
6-15	SURFACE	# 1 TRANS 600 KVA	None observed		RM
6-15	XC 6 MAIN NO.	# 2 TRANS 600 KVA 950/480	None observed		RM
6-15	XC 1 3 <sup>RD</sup> NORTH	# 3 TRANS 225 KVA 480V	None observed		RM
6-15	XC 4 MAIN WEST	# 4 TRANS 750 KVA 950/480	NOV Light out	Replaced bulb	RM
6/14	XC 40 MAIN WEST	# 5 TRANS 750 KVA 950/480	Dirty Window	Cleaned	IP
6/14	XC 69 MAIN WEST	# 19 TRANS 1250 KVA 950/480	OK		IP
6-15	XC 29 MAIN WEST	# 8 TRANS 500 KVA 480	None observed		RM
6/14	XC 44 MAIN WEST	# 9 TRANS 750 KVA 480	Dirty Window	Cleaned	IP
6-15	XC 4 6&7 BELT MW	# 27 TRANS 600 KVA 480	Inst Turned up to High on talk up OOS	turned Inst Down	RM
6-15	X/C 14 3 <sup>RD</sup> NORTH	# 16 TRANS 1750 KVA 950/480			RM
6-15	XC 102 #5 BELT	1000 KVA #17	None observed		RM
6/14	3 <sup>RD</sup> NORTH XC 5	#14 TRANS # 2 BELT DRIVE	OK		IP
6/14	SOUTH MAINS X/C 1	#23 TRANS 7200 VOLTS	OK		IP

NOTE'S

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2MSHA06190

PERMISSIBILITY MUST BE SIGNED AND DATED  
SOUTH CRANDALL MINE

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
6/11	SO CRANDALL XC#1	#13 BELT DRIVE TRANS #1BELT	loose covers	tightened bolts	JR
6/11	XC 19 1EAST SOUTH CRANDALL	300 KVA #10	OK at inspection		JR
6/11	SO. CRANDALL BOTTOM OF SLOPE	JOY TRANSFORMER #28	Dirty Extinguisher	cleaned	JR
6/11	SO. CRANDALL XC 6 MAINS	#21 BELT TRANSFORMER #3BELT	Dirty window on Disconnect	cleaned	JR
6/11	SO CRANDALL XC 12	2 EAST BELT DRIVE 750 KVA #1TR	OK at inspection		JR
6/11	SO CRANDALL 1 <sup>ST</sup> EAST XC 5	#26 1 <sup>ST</sup> E BELT TRANSFORMER	OK at inspection		JR
6/11	3 <sup>RD</sup> EAST	7200 BELT DRIVE TRANS 750 KVA #16-31	OK at inspection		JR

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

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
6-15	XC 4 MAIN WEST	# 2 SWITCH GEAR 7200 VOLT	none observed		RM
6/14	XC 40 MAIN WEST	# 3 SWITCH GEAR 7200 VOLT	Dirty window	Cleaned	JP
6/14	XC 88 MAIN WEST	# 4 SWITCH GEAR 7200 VOLT	OK		JP
6-15	XC 24 MAIN WEST	# 7 SWITCH GEAR 7200 VOLT	none observed		RM
6/14	XC 69 MAIN WEST	# 8 SWITCH GEAR 7200 VOLT	OK		JP
6/14	XC 40 MAIN WEST	CAPACITOR BANK #1	Dirty window	Cleaned	JP
6/11	XC 6 SOUTH MAIN SOUTH CRANDALL	DUEL 7200V SWITCH GEAR #11 #3DRIVE	OK at inspection		JR
6/11	XC 21 SOUTH CRANDALL	#5 DAUL SWICTH 7200	Dirty window on D13 connect	cleaned	JR
6/11	XC 12 SOUTH CRANDALL	#1 SWITCH GEAR 7200 VOLT	OK at inspection		JR

NOTE'S \_\_\_\_\_  
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DISTRIBUTION BOXES

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
6-15	XC 16 MAIN NORTH	#DIST BOX #11	Rock Post tipped over	Restacked Post	pm
6/14	XC 40 MAIN WEST	# 8 DIST. BOX	OK		JP
6/14	XC50 MAIN WEST	#5 DIST. BOX	OK		JP
6-15	XC26 MAIN WEST	#10 DIST. BOX	None observed		pm
	SO CRANDALL BOAR HOLE	#6 DIST- BOX	BOS		
6-15	3 <sup>RD</sup> NORTH X/C 4	#16 D- BOX	<del>OK</del> None observed		pm
6-15	MW X/C 7	#12 D- BOX	Rock dist on E side of 10-1200	moved post to west by side	pm

NOTE'S

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PERMISSIBILITY WEEKLY DATE ENDING 6-16

10 June 2007

JAMSON WARD

MAIN WEST SECTION

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

Signature

DATE

6-14

2MSHA06194

## 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

2MSHA06195

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COMMENTS:

2MSHA06196

PERMISSIBILITY MUST BE SIGNED DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
6-13	MAIN WEST	#3 ROOF BOLTER	2 BAD LIGHTS Accumulating	Replaced washed	JW
6-14	MAIN WEST	4978 MINER	BAD LIGHT	Replaced	JW
	MAIN WEST				
6-11	MAIN WEST	4978 MINER CAL 2.5 GAS	Calibrated with 2-3 gas	Tested good	JW
	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 \_\_\_\_\_

10 June 2007

FOSTER MCAURTHUR

ALL PORTABLE AND PERMANENT PUMP'S

SIGNED **Signature** DATE 6-14-07

2MSHA06198

## 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.
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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= AMPACITES SIZE FOR CABLE
EQUIPMENT FREE OF ACCUMULATIONS, 24" CLEARANCE AROUND ALL SIDES, NO ROOF AND RIB HAZARDS, AREA WELL ROCK DUSTED

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COMMENTS:

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**PERMISSIBILITY MUST BE SIGNED AND DATED**

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
6-14-07	XC15 RETURN	5HP PUMP P 5-36	OK		FM
6-13-07	XC39 MW RETURN	6.4 HP PUMP P 6.4 35	OK		FM
6-13-07	XC 39 MW RETURN	13HP PUMP P13 - 34	OK		FM
6-13-07	XC 44 M.W. RETURN	6.4 KW PUMP P6.4 33	OK		FM
6-13-07	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			
6-12-07	XC 52 1 <sup>ST</sup> EAST	13 HP PUMP SC #18	OK		FM
6-12-07	XC5 BLEEDER	13 HP PUMP	OK		FM
6-12-07	XC35 2EAST	13HP PUMP	OK		FM
	2 <sup>ND</sup> EAST	2 G PUMP SYSTEM			
6-12-07	XC33 2NDEAST	5HP PUMP	OK		FM
6-12-07	XC 20	D BOXES # 7 & RED OUT	OK		FM
6-12-07	XC 23 BLEEDER	5HP PUMP P# 23	OK		FM
6-12-07	XC-52 1 <sup>ST</sup> EAST	13 HP P# 52	OK		FM

NOTE'S

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2MSHA06241



MAIN WEST SECTION

DARWON STANSFELD

SECTION TRANS #30 HEAT LAMP #6

MICROWAVE #6 151958 SCOOP & CHARGER

SIGNATURE DATE 6-12-07

WEEKLY H.D. & PERMISSIBLE VEHICLE CHECK

2MSHA06243

## INSPECTION OF PERMISSIBLE ELECTRICAL EQUIPMENT

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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 -----

2MSHA06244

## 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>

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
6-12	MAIN WEST	SECTION TRANS # 30	3 Bolts missing	Replaced Bolts	JP
6-12	MAIN WEST	HEAT LAMP #6	OK		JP
6-12	MAIN WEST	MICROWAVE #6	OK		JP
	MAIN WEST	17-2 488 SCOOP	<del>E-Stop Not working</del>	<del>Repaired</del>	<del>JP</del>
6-12	MAIN WEST	488 SCOOP CHARGER	E-Stop Not working	Repaired	JP
	MAIN WEST	#7 MRS	O.O.S.		
	MAIN WEST	#8 MRS	O.O.S.		
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
		DARWON STANSFIELD			

LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION Taken	INITIAL'S

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

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PERMISSIBILITY WEEKLY DATE ENDING 6-16-07

10 June 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.

SIG **Signature** DATE 6-10-07

2MSHA06247

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### 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:

2MSHA06248

## 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

2MSHA06249

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
6-10-07	GEN. MINE	BELT WINDER #1	OOS	OOS	SPH
6-10	GEN. MINE	10-58 636	Missing locking device on Nip	Repair	SPH
6-10	GEN. MINE	CHARGER 10-58 636	Charger is good, Jumper has damaged Nip.	Tagged Out Jumper for needed Repair on NIP	SPH
6-10	GEN. MINE	MILLER WELDER #353049	condition is good	OK	SPH
6-10	1 <sup>ST</sup> EAST XC-13	#19 D-BOX	Condition is good	Checked fire protection, cable, breaker, Nip, gland	SPH
6-10	SO. CRANDALL	PHONE SYSTEM	OK	Tested	SPH
6-10	SO. CRANDALL #1 BELT	110 VOLT HEAT TAPE	Condition is good	Checked cable, breaker, enclosure, Plug,	SPH
6-10	SOUTH CRANDALL	D BOXES FOR CHARGER #002	Condition is good	Checked fire protection, breaker, cables, glands,	SPH
6-10	GEN. MINE	MINE PHONES	OK	Tested	SPH
6-10	X-C 5 MAIN NORTH	BELT SCALES	Condition is good	Checked fire protection, enclosure, cables, glands,	SPH
6-10	X-C 44 MAIN WEST	PED SYSTEM	Condition is good	Checked enclosure, cables, glands, fire protection.	SPH
6-10	X-C 49 MAIN WEST	ELECTRIC PRESSURE WASHER	Condition is good at time of inspection.	Checked fire suppression, fire protection, cables, guards, e-stop, glands,	SPH

NOTES:

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2MSHA06250

PERMISSIBILITY MUST

BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
	GEN MINE				
6-10	West MAINS CRANDALL	#1 UNITRAC	Oil accumulations under covers.	Tagged out for degrease & wash down	GH
6-10	SO. MAINS CRANDALL	UNITRAC CHARGER#1	Condition is good	Checked NIP, cable enclosure, fire protection.	GH
6-10	XC 7 MAIN WEST	HEAT LAMP # 4 0204002588 MICROWAVE	good	OK	GH
6-10	XC 8 MAIN NORTH	TRICKLE DUSTER # 2	Condition is good	Checked guards, breaker, strain clamp cable fire protection	GH
6-10	GEN. MINE	#2 UNITRAC	Oil and coal accu-mulations	Tagged out for degrease & wash down	GH
6-10	GEN. MINE	#2 UNITRAC CHARGER	main power cable pulled out of gland	Repair	GH
6-10	XC 89 MAIN SO #1 BELT	TRICKLE DUSTER # 4	Accumulation of mud and dirt	cleaned	GH
6-10	XC 14 SC MAIN	TRICKLE DUSTER # 3	OOS	OOS	GH
6-10	XC 34 MAIN NORTH	TRICKLE DUSTER # 1	Condition is good	Checked e-stop, flame path, guards, fire protection.	GH
6-10	GEN MINE	BOOM TRUCK	Condition good	Checked lights, brakes, e-stop, fire suppression, hose	GH
6-10	SOUTH CRANDALL	BATTERY CHARGER & DUSTER	Condition is good	Updated fire extinguisher tag.	GH

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
	SOUTH CRANDALL				
6-10	SOUTH CRANDALL	# 12853 STAMLER FB	OOS	OOS	GH
6-10	SOUTH CRANDALL	SECTION TRANS #18	OOS	OOS	GH
	SOUTH CRANDALL				
	SOUTH CRANDALL				
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NOTE'S \_\_\_\_\_

LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

PERMISSIBILITY WEEKLY DATE ENDING 6-16-07

10 June 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  DATE 6-10-07

2MSHA06253

## 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, RECEPTALS 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:

2MSHA06255

**PERMISSIBILITY MUST BE SIGNED DATED**

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
6-10	3 <sup>RD</sup> NORTH	4590 MINER	Condition is good at time of inspection	Checked flame paths, fire suppression, e-stop lights, packing glands	EPV
6-10	3 <sup>RD</sup> NORTH	#9 ROOF BOLTER	Condition is good	Checked tape switch flame paths, lights, cable and conduit	EPV
6-10	3 <sup>RD</sup> NORTH	#29 TRANSFORMER	condition is good	updated fire extinguisher tag	EPV
6-10	3 <sup>RD</sup> NORTH	FEEDER BREAKER 12919	condition is good	checked e-stop, fire protection, cables, glands	EPV
6-10	3 <sup>RD</sup> NORTH	MICROWAVE 5	good	OK	EPV
6-10	3 <sup>RD</sup> NORTH	44 shuttle car	Condition is good at time of inspection.	checked e-stop, lights, packing glands, flame paths	EPV
6-10	3 <sup>RD</sup> NORTH	#45 shuttle car	condition is good	checked e-stop glands, fire suppression, flame paths, cable,	EPV
6-10	3 <sup>RD</sup> NORTH	TRICKLE DUSTER SC898	condition is good	checked flame paths, fire protection, guards,	EPV
6-10	3 <sup>RD</sup> NORTH	488 SECTION SCOOP #	OOS	OOS	EPV
6-10	3 <sup>RD</sup> NORTH	& CHARGER #11	good	checked enclosure, glands, fire protection,	EPV
6-10	3 <sup>RD</sup> NORTH	#3 WELDER SER. # KJ272843	good	OK	EPV
6-10	3 <sup>RD</sup> NORTH	HEAT LAMP #7	good	OK	EPV
	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

2MSHA06256

PERMISSIBILITY

WEEKLY DATE ENDING 6-30-07

23 June 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.

SIGNED **Signature** DATE 6-28-07

PERMISSIBILITY MUST BE SIGNED AND DATED

2MSHA06283

## 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
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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
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.

COMMENTS:

2MSHA06285

PERMISSIBILITY MUST BE SIGNED DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
	SOUTH CRANDALL				
6-26	SOUTH CRANDALL	# 12853 STAMLER FB	OOS	OOS	<i>GB</i>
6-26	SOUTH CRANDALL	SECTION TRANS #18	OOS	OOS	<i>GB</i>
	SOUTH CRANDALL				
	SOUTH CRANDALL				
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	SOUTH CRANDALL				
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	SOUTH CRANDALL				

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

LIST ALL

ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

2MSHA06286

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
6-25	GEN. MINE	BELT WINDER #1	OOS	OOS	GH
6-26	GEN. MINE	10-58 636	warning bell not working properly	Repair, bell is working correctly	GH
6-25	GEN. MINE	CHARGER 10-58 636	condition is good	checked enclosure, fire protection, cable, brass tag, Nip, breaker	GH
6-25	GEN. MINE	MILLER WELDER #353049	condition is good	checked cable, glands, enclosure, Nip	GH
6-26	1 <sup>ST</sup> EAST XC-13	#19 D-BOX	good	checked fire protection, enclosure	GH
6-26	SO. CRANDALL	PHONE SYSTEM	good	OK	GH
6-26	SO. CRANDALL #1 BELT	110 VOLT HEAT TAPE	good	OK	GH
6-26	SOUTH CRANDALL	D BOXES FOR CHARGER #002	condition is good	checked fire protection, cables, enclosure, nip	GH
6-26	GEN. MINE	MINE/PHONES	good	OK	GH
6-25	X-C 5 MAIN NORTH	BELT SCALES	condition is good	checked fire protection, cable, glands enclosure	GH
6-25	X-C 44 MAIN WEST	PED SYSTEM	good	OK	GH
6-25	X-C 49 MAIN WEST	ELECTRIC PRESSURE WASHER	condition is good	checked fire protection, guards, e-stop, cable, hoses	GH

NOTES:

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**PERMISSIBILITY MUST BE SIGNED AND DATED**

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
	GEN MINE				
6-25	So. MAINS SO. CRANDALL	#1 UNITRAC	Missing locking device on battery lids	Repair	GH
6-25	SO. MAINS SO. CRANDALL	UNITRAC CHARGER#1	condition is good	Checked fire protection, enclosure, cable, brass tag	GH
6-25	XC 7 MAIN WEST	HEAT LAMP # 4 0204002588 MICROWAVE	good	OK	GH
6-25	XC 8 MAIN NORTH	TRICKLE DUSTER # 2	condition is good	checked fire protection, cable, glands, guards,	GH
6-25	GEN. MINE	#2 UNITRAC	missing locking device on battery Nip	Repair	GH
6-25	GEN. MINE	#2 UNITRAC CHARGER	missing ground strap on Nip	Repair	GH
6-25	XC 89 MAIN SO #1 BELT	TRICKLE DUSTER # 4	condition is good at time of inspection.	checked flame paths, packing glands, guards, fire protection	GH
6-25	XC 14 SC MAIN	TRICKLE DUSTER # 3	OOS	OOS	GH
6-25	XC 34 MAIN NORTH	TRICKLE DUSTER # 1	condition is good	checked guards, fire protection, cable, e-stop,	GH
6-26	GEN MINE	BOOM TRUCK	good	OK	GH
6-26	SOUTH CRANDALL	BATTERY CHARGER & DUSTER	good	OK	GH

**LIST ALL ELECTRICAL HAND TOOL'S**

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

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

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PERMISSIBILITY WEEKLY DATE ENDING 6-30-07

23 June 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

6-25-07

2MSHA06289

## 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

2MSHA06290

## 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:

2MSHA06291



PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
6-25-07	BELT PORTAL	TRICKLE DUSTER#ST4471	area dirty with float dust	washed down	NM
6-25-07	BELT PORTAL	CONTROL BOXES, E.T.C.	all OK at time of inspection	checked all OK	NM
6-25-07	BELT PORTAL	MAGNET # 1 HEAD ROLLER	all OK at time of inspection	checked all OK	NM
6-25-07	GEN. MINE	DIESEL GENERATOR	not on property	Searched Property	NM

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

DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
6-25-07	2 <sup>nd</sup> EAST BELT HEAD ROLLER	10HP PUMP SC #P24	OOS	checked Tag	NM
6-25-07	#3 BELT XC 7	10 HP STAMCOR #P5	OOS	checked Tag	NM
6-25-07	3 <sup>rd</sup> EAST XC 23	5 HP PUMP # P7	all ok at time of inspection	checked all OK	NM
6-25-07	1 <sup>st</sup> EAST XC19	5 HP PUMP # P6	OOS	checked Tag	NM
6-25-07	2 <sup>nd</sup> EAST BELT	5 HP PUMP # P25	OOS	checked Tag	NM
6-25-07	3 <sup>rd</sup> EAST XC 24	13 HP PUMP # P4	Pump no longer in area	Searched area	NM
6-25-07	3 <sup>rd</sup> EAST XC 24	5 HP PUMP # P23	all ok at time of inspection	checked all OK	NM
6-25-07	3 <sup>rd</sup> EAST XC 7	#18 2 CIRCUIT D-BOX	all ok at time of inspection	checked all OK	NM
6-25-07	3 <sup>rd</sup> EAST XC 19	#13 2 CIRCUIT D-BOX	all ok at time of inspection	checked all OK	NM
6-25-07	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

2MSHA06294

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
6-25-07	#1 BELT PORTAL	6.4PUMP SC #P1	all OK at time of inspection	checked all OK	NM
6-25-07	#1 BELT OVERCAST	10HP PUMP SC #P2	all OK at time of inspection	checked all OK	NM
6-25-07	XC 22 main so	5 HP PUMP #15 SO.CRANDALL	OOS	checked Tag	NM
6-25-07	SO. CRANDALL ROCK ROOMS	6.4 KW STANCOR PUMP SC #P12	all OK at time of inspection	checked all OK	NM
6-25-07	SO. CRANDALL	LEE NORIS ROOF BOLTER	OOS	checked Tag	NM
6-25-07	SC INTAKE BOTTOM OF SLOPE	5HP SC #P4	all OK at time of inspection	checked all OK	NM
6-25-07	1 <sup>ST</sup> EAST XC18	5 HP SC#P8	all OK at time of inspection	checked all OK	NM
6-25-07	SC NORTH RETURN FACE	5HP #P9	all OK at time of inspection	checked all OK	NM
6-25-07	SOUTH MAIN XC 1	54KW SC #P10	OOS	checked Tag	NM
6-25-07	XC 2 #4 BELT	5HP #P11	OOS	checked Tag	NM
6-25-07	BORE HOLE	5HP SC #P5-13	OOS	checked Tag	NM
6-25-07	XC 24 SO. CRANDLL SO. MAIN	10HP SC #P14	OOS	checked Tag	NM
6-25-07	2ND EAST INTAKE	5HP PUMP SC #P19	all OK at time of inspection	checked all OK	NM
6-25-07	3RD EAST BELT DRIVE	6.4 KW STANCOR PUMP SC #P21	OOS	checked Tag	NM

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

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
6-25-07	#1 BELT DRIVE	3.6 HP PUMP#P2 FLYGHT	OOS cable cut	Reported	NM
6-25-07	XC 1 #1 BELT	10 HP PUMP #P1 STANCOR	Pump no longer in area	Reported	NM
6-25-07	#1 BELT TAIL	5 HP PUMP #P3 FYGHT	all OK at time of inspection	checked all OK	NM
6-25-07	XC 6 M.W. BELT LINE	6.4 KW PUMP #P4 STANCOR	OK OK at time of inspection	checked all OK	NM
6-25-07	1 <sup>ST</sup> SOUTH XC #6	5 HP PUMP #P5 FLYGHT	all OK at time of inspection	checked all OK	NM
6-25-07	XC 38 M.W. BELT	5 HP PUMP #P8 FYGHT	all OK at time of inspection	checked all OK	NM
6-25-07	XC 39 M.W. BELT	3.5 KW PUMP #P9 FYGHT	all OK at time of inspection	checked all OK	NM
6-25-07	XC 45 M.W.	#1 150 HP PUMP & #1 CONTROLLER	Cleaned junk off controller	checked all OK	NM
6-25-07	XC 45 M.W.	#2 150 HP PUMP	all OK at time of inspection	checked all OK	NM
6-25-07	XC 47 M.W. BELT	6.4 KW PUMP #P10 STANCOR	all OK at time of inspection	checked all OK	NM
6-25-07	XC 46 M.W.	13 HP PUMP #P11 FYGHT	all OK at time of inspection	checked all OK	NM
6-25-07	XC 46 M.W.	#P1 200 HP HIGH PRESSURE PUMP	all OK at time of inspection	checked all OK	NM
6-25-07	3 <sup>RD</sup> NO #1 BELT TAIL	6.4 STANCOR #P23	OOS	checked Tag	NM
6-25-07	3 <sup>RD</sup> NO. HEAD ROLLER	5 HP PUMP #P7 FYGHT	all OK at time of inspection	checked all OK	NM
6-25-07	XC 39 MAIN WEST INTAKE	5 HP PUMP P19	all OK at time of inspection	checked all OK	NM
6-25-07	XC 40 MAIN WEST	5 HP PUMP #P6 FYGHT	all OK at time of inspection	checked all OK	NM
6-25-07	XC 45 M.W.	150 HP PUMP OSna	O.S. Leads Taped up	checked Tag	NM
6-25-07	XC 65 MW	2 CERCUIT D BOX #12	all OK at time of inspection	checked all OK	NM
6-25-07	XC 63 MW	5HP PUMP	all OK at time of inspection	checked all OK	NM
6-25-07	#1 Belt Drive	10 HP Trash	all OK at time of inspection	checked all OK	NM

NOTE'S



DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
6-25-07	SO. CRANDALL XC 1	#1 BELT DRIVE AND LIGHTS	OOS	Checked Tags	nm
6-25-07	SO. CRANDALL	3 <sup>RD</sup> EAST BELT AND TAKE UP SUP 500	OOS	Checked Tags	nm
6-25-07	SO. CRANDALL	#2 BELT DRIVE & LIGHTS	OOS	Checked Tags	nm
6-25-07	SO. CRANDALL	#3 BELT DRIVE, LIGHTS & BRAKE CONTROLER & TAKE-UP	OOS	Checked Tags	nm
6-25-07	SO. CRANDALL	#1 BELT SCALES	OOS	Checked Tag	nm
6-25-07	SO. CRANDALL	#4 BATTERY COAL HAULER	OOS	Checked Tag	nm
6-25-07	SO CRANDALL	2 EAST BELT & CONTROLLER	OOS	Checked Tag	nm
6-25-07	SO CRANDALE	SUPER 500 & CONTROLLER 2 EAST	OOS	Checked Tags	nm
6-25-07	CRANDALE	#1 LEE NORSE	OOS	checked Tag	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
6-25-07	XC 3 MAIN NORTH	#1 DRIVE & TAKE-UP	Missing 3 Balloons	Rpl Balloons checked all OK	NM
6-25-07	XC 5 MAIN WEST	#2 DRIVE & TAKE-UP	all OK at time of inspection	checked all OK	NM
6-25-07	XC 39 MAIN WEST	#3 DRIVE & TAKE-UP	all OK at time of inspection	checked all OK	NM
6-25-07	XC 69 MAIN WEST	#4 DRIVE & TAKE-UP	Float dust on drive	Washed along drive	NM
6-25-07	XC 70 MAIN WEST	#4 BELT BRAKE	all OK at time of inspection	checked all OK	NM
6-25-07	XC 1 SO.MAINS	SO.MAINS #1 BELT DRIVE & TAKE-UP	No Longer on Property	Reported.	NM
6-25-07	XC 33 MAIN WEST	3 <sup>RD</sup> #1 NORTH BELT DRIVE.	OOS	checked Tag	NM
6-25-07	XC 103 MAIN WEST	#5 DRIVE & TAKE-UP	all OK at time of inspection	checked all OK	NM
6-25-07	MAIN WEST SHORT BELT	# 6 BELT DRIVE	coal accumulation	Washed drive	NM
6-25-07	MAIN WEST SECTION BELT	# 7 BELT DRIVE TAKE-UP	all OK at time of inspection	checked all OK	NM
6-25-07	XC 6 3 <sup>RD</sup> NORTH	3 <sup>RD</sup> NORTH #2 BELT DRIVE	OOS	checked Tag	NM

NOTES: -----  
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PERMISSIBILITY WEEKLY DATE ENDING 6-30-07

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

SI

DATE 6-30-07

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2MSHA06300

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:

2MSHA06301

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
6/30	MAIN WEST	FEEDER BREAKER 13269	ACCUMULATION OIL / COAL	WASHED	J
6/30	MAIN WEST	12-8 SC	ACCUMULATIONS OIL / COAL	WASHED	J
6/30	MAIN WEST	12-11 SC	ACCUMULATIONS OIL / COAL	WASHED	J
6/30	MAIN WEST	#5 MRS	O.O.S.	CHECKED TAG	J
6/30	MAIN WEST	#6 MRS	O.O.S.	CHECKED TAG	J
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
		JASON FURRM			

NOTE'S #5 12-11 & 12-8 SC REPLACED ALL FREE SUPP. CAP'S WITH THE  
BLACK PRESS ON STYLE THEY WORK BETTER.

LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

2MSHA06302

**PERMISSIBILITY**

**June 2007**

**MONTHLY**

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

**Signature**

SIG

DATE

*6/29/07*

*6-29-07*

**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

2MSHA06304

**CIRCUIT BREAKER'S**

FUNCTIONAL TEST'S OF AUXILIARY CIRCUIT'S

DATE	LOCATION	EQUIP	CONTROL POWER	GROUND MONITOR	GROUND FAULT	COND. FOUND ACTION TAKEN	INITIALS
	MW SECTION	SECTION TRANS #29	OK	OK	OK		KLC
	MW XC 4	#2 BELT DRIVE TRANS # \$	OK	OK	OK		KLC
	MN XC6	#1 BELT DRIVE TRANS # 2	OK	OK	OK		KLC
	X/C 40 MW	#1 CAP BANK .750KVAR	OK				KLC
	X/C 14 3 <sup>RD</sup> NORTH	#16 TRANS 1750 KVA 950 480V	OOS	OOS	OOS	OOS	

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

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**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
	MAIN WEST X/C 3 SHORT BELT # 6 AND #7 BELT	# 27 TRANS 1000 KVA 950/480 V.	OK	OK	OK		KLC
	MAIN WEST SECTION TRANS.	# 30 TRANS 1000 KVA 950/480 V.	OK	OK	OK		KLC
	XC102 MAIN WEST	#17 1000KVA	OK	OK	OK		KLC
	XC69 MAIN WEST	# 19 TRANS 750 KVA 950/480 V.	OK	OK	OK		KLC
	XC44 MAIN WEST	# 9 TRANS 750 KVA 950/480 V.	OK	OK	OK		KLC
	XC40 MAIN WEST	# 5 TRANS 750 KVA 950/480 V.	OK	OK	OK		KLC
	XC0 3 <sup>RD</sup> NORTH	#3 TRANS. 225KVA 480 V	OK	OK	OK		KLC
	XC 4 3 <sup>RD</sup> NORTH	# 14 600 KVA 950 480	OK	OK	OK		KLC
	X/C 2 SO MAINS	#23 1000 KVA 950 480V	OK	OK	OK		KLC
	XC29 MAIN WEST	# 8 TRANS 500 KVA 950/480 V.	OK	OK	OK		KLC

NOTE'S

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MONTHLY TEST'S OF ALL TRANSFORMER

2MSHA06306

**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- 0.5

**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- 6

**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- \_\_\_\_\_  
TIME SETTING- \_\_\_\_\_  
INST. SETTING- \_\_\_\_\_~~

~~UNDER VOLTAGE RELAY~~

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

~~GROUND FAULT SETTING  
CT RATIO 9:1~~

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

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

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
	XC 4 M.W.	# 2 SWITCH GEAR 7200 VOLT	<i>Tested OK</i>		<i>KLC</i>
	XC 40 M.W.	# 3 SWITCH GEAR 7200 VOLT	<i>Tested OK</i>		<i>KLC</i>
	XC 88 M.W.	# 4 SWITCH GEAR 7200 VOLT	<i>Tested OK</i>		<i>KLC</i>
	XC 24 M.W.	# 7 SWITCH GEAR 7200 VOLT	<i>Tested OK</i>		<i>KLC</i>
	XC 69 M.W.	# 8 SWITCH GEAR 7200 VOLT	<i>Tested OK</i>		<i>KLC</i>

NOTE'S \_\_\_\_\_  
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 \_\_\_\_\_  
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**MONTHLY EXAM OF DIST. BOXES**

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
	X/C 26 MW	#10 DIST BOX	tested OK		KCC <del>KCC</del>
	X/C 49 MW	# 9 DIST BOX	tested OK		KCC
	XC 40 M.W.	# 8 DIST. BOX	Tested OK		KCC
	XC 16 MAIN NORTH	# 11 DIST. BOX	tested OK		KCC
	XC 39 SO. MAIN	# 16 DIST. BOX	OOS		KCC

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

June 2007 Calibration list

Conspec Senturion 500 POINT TAG-NAME LIST  
PtNo Descriptor Type Tag Name

Signature

6-3007

PtNo	Descriptor	Type	Tag Name
<del>5</del>	<del>CO TRUNK 4 TESTER</del>	<del>AI</del>	<del>CO</del>
<del>10</del>	<del>CO UPPER BATHHOUSE</del>	<del>AI</del>	<del>CO</del>
<del>17</del>	<del>CO #1 BELT DRIVE MAIN NORTH</del>	<del>AI</del>	<del>CO</del>
<del>18</del>	<del>CO XC6 MAIN NORTH TRANSFORMER RM</del>	<del>AI</del>	<del>CO</del>
<del>19</del>	<del>CO XC15 #1 BELT MAIN NORTH</del>	<del>AI</del>	<del>CO</del>
<del>21</del>	<del>CO #1 BELT PORTAL MAIN NORTH</del>	<del>AI</del>	<del>CO</del>
<del>24</del>	<del>CO XC25 #1 BELT MAIN NORTH</del>	<del>AI</del>	<del>CO</del>
<del>49</del>	<del>CO #2 BELT HEAD ROLLER MAIN WEST</del>	<del>AI</del>	<del>CO</del>
<del>50</del>	<del>CO XC5 #2 BELT DRIVE MAIN WEST</del>	<del>AI</del>	<del>CO</del>
<del>51</del>	<del>CO XC4 TRANSFORMER RM MAIN WEST</del>	<del>AI</del>	<del>CO</del>
<del>55</del>	<del>CO XC17 MAIN WEST #2 BELT LINE</del>	<del>AI</del>	<del>CO</del>
<del>64</del>	<del>CO XC28 MAIN WEST #2 BELT LINE</del>	<del>AI</del>	<del>CO</del>
<del>80</del>	<del>CO XC28 MAIN WEST 1ST SO RETURN</del>	<del>AI</del>	<del>CO</del>
<del>81</del>	<del>CO XC39 MAIN WEST #3 BELT HEAD</del>	<del>AI</del>	<del>CO</del>
<del>82</del>	<del>CO XC41 MAIN WEST #3 BELT LINE</del>	<del>AI</del>	<del>CO</del>
<del>84</del>	<del>CO XC46 MAIN WEST #3 BELT LINE</del>	<del>AI</del>	<del>CO</del>
<del>86</del>	<del>CO XC54 MAIN WEST #3 BELT LINE</del>	<del>AI</del>	<del>CO</del>
<del>90</del>	<del>CO XC62 MAIN WEST #3 BELT LINE</del>	<del>AI</del>	<del>CO</del>
<del>93</del>	<del>CO XC67 MAIN WEST #4 BELT HEAD</del>	<del>AI</del>	<del>CO</del>
<del>94</del>	<del>CO XC68 MAIN WEST #4 BELT DRIVE</del>	<del>AI</del>	<del>CO</del>
<del>95</del>	<del>CO XC77 MAIN WEST #4 BELT LINE</del>	<del>AI</del>	<del>CO</del>
<del>96</del>	<del>CO XC85 MAIN WEST #4 BELT LINE</del>	<del>AI</del>	<del>CO</del>
<del>117</del>	<del>CO XC69 MAIN WEST TRANSFORMER RM</del>	<del>AI</del>	<del>CO</del>
<del>79</del>	<del>CO XC97 MAIN WEST #4 BELT</del>	<del>AI</del>	<del>CO</del>
<del>120</del>	<del>CO MAIN WEST SECTION ALARM BOX</del>	<del>AI</del>	<del>CO</del>
<del>121</del>	<del>CO MAIN WEST XC103 #4BELT TAIL</del>	<del>AI</del>	<del>CO</del>
<del>151</del>	<del>CO XC110 5 BELT TAILPIECE MAIN W</del>	<del>AI</del>	<del>CO</del>
<del>152</del>	<del>CO CHARGER SCOOP MAIN WEST INTAK</del>	<del>AI</del>	<del>CO</del>
<del>153</del>	<del>CO CHARGER mini trac MAIN WEST</del>	<del>AI</del>	<del>CO</del>
<del>154</del>	<del>CO 6 BELT TAILPIECE MAIN WEST</del>	<del>AI</del>	<del>CO</del>
<del>155</del>	<del>CO XC111 7 BELT DRIVE MAIN W</del>	<del>AI</del>	<del>CO</del>
<del>156</del>	<del>CO XC121 MAIN WEST #7 BELT LINE</del>	<del>AI</del>	<del>CO</del>
<del>157</del>	<del>CO XC128 MAIN WEST #7 BELT LINE</del>	<del>AI</del>	<del>CO</del>
<del>158</del>	<del>CO XC136 MAIN WEST #7 BELT LINE</del>	<del>AI</del>	<del>CO</del>
<del>869</del>	<del>CO XC90 MAIN WEST SO MAINS HEAD</del>	<del>AI</del>	<del>CO</del>
<del>900</del>	<del>CO SOUTH MAIN XC89 MW CHARGER</del>	<del>AI</del>	<del>CO</del>
<del>906</del>	<del>CO 3RD NORTH BELT DRIVE</del>	<del>AI</del>	<del>CO</del>
<del>907</del>	<del>CO 3RD NORTH CHARGER</del>	<del>AI</del>	<del>CO</del>
<del>908</del>	<del>CO 3RD NORTH CHARGER</del>	<del>AI</del>	<del>CO</del>
<del>909</del>	<del>CO 3RD NORTH HEAD ROLLER</del>	<del>AI</del>	<del>CO</del>
<del>910</del>	<del>CO 3RD NORTH #2 BELT DRIVE</del>	<del>AI</del>	<del>CO</del>
<del>911</del>	<del>CO 3RD NORTH SECTION BELT FEEDER</del>	<del>AI</del>	<del>CO</del>
<del>918</del>	<del>CO 3RD NORTH XC16 #2 BELT LINE</del>	<del>AI</del>	<del>CO</del>
<del>2011</del>	<del>CO SCC 1 BELT TAIL PIECE</del>	<del>AI</del>	<del>CO</del>
<del>2012</del>	<del>CO SCC 1ST EAST BELT DRIVE</del>	<del>AI</del>	<del>CO</del>
<del>2013</del>	<del>CO SCC #2 BELT DRIVE</del>	<del>AI</del>	<del>CO</del>
<del>2014</del>	<del>CO SCC #2 BELT TAIL PIECE</del>	<del>AI</del>	<del>CO</del>
<del>2015</del>	<del>CO SCC #3 BELT DRIVE</del>	<del>AI</del>	<del>CO</del>
<del>2024</del>	<del>CO SCC XC18 1ST EAST RETURN</del>	<del>AI</del>	<del>CO</del>
<del>2035</del>	<del>CO SCC 2ND EAST HEAD ROLLER</del>	<del>AI</del>	<del>CO</del>
<del>2039</del>	<del>CO SCC #1 BELT DRIVE</del>	<del>AI</del>	<del>CO</del>
<del>2048</del>	<del>CO SCC XC19 1ST EAST TRANSFORMER</del>	<del>AI</del>	<del>CO</del>
<del>2095</del>	<del>CO SCC XC28 MAIN SOUTH CHARGER</del>	<del>AI</del>	<del>CO</del>

PtNo	Descriptor	Type	Tag Name
<del>2096</del>	CO SCC X27 MAIN SOUTH CHARGER	AI	CO
<del>2100</del>	CO SCC #3 BELT TAIL PIECE ALARM	AI	CO
<del>2120</del>	CO SCC XC 7 INTAKE TRAVELWAY	AI	CO
<del>2161</del>	CO SCC 3RD EAST HEAD ROLLER	AI	CO
<del>2164</del>	CO SCC 3RD EAST BELT DRIVE	AI	CO
<del>2187</del>	CO SCC 3RD EAST BELT TAKE UP	AI	CO
<del>2170</del>	CO SCC 3RD EAST XCO INTAKE	AI	CO
<del>2174</del>	CO SCC XC32 3RD EAST CHARGER	AI	CO
<del>2176</del>	CO SCC 3RD EAST OUTBY XC2 BELT	AI	CO
<del>2179</del>	CO SCC 3RD EAST INBY XC 2 BELT	AI	CO
<del>2182</del>	CO SCC 3RD EAST INTAKE FEEDER	AI	CO
<del>2185</del>	CO SCC 3RD EAST BELT TAILPIECE	AI	CO
<del>2188</del>	CO SCC XC16 MAIN SOUTH INTAKE	AI	CO
<del>2191</del>	CO SCC 3RD EAST XC7 BELT	AI	CO
<del>2194</del>	CO SCC 3RD EAST XC7 INTAKE	AI	CO
<del>2198</del>	CO SCC 3RD EAST XC13 INTAKE	AI	CO
<del>2215</del>	CO SCC 3RD EAST XC13 BELT	AI	CO
<del>2218</del>	CO SCC 3RD EAST XC21 BELT	AI	CO
<del>2221</del>	CO SCC 3RD EAST XC21 INTAKE	AI	CO
<del>2224</del>	CO SCC 3RD EAST XC27 INTAKE	AI	CO
<del>2227</del>	CO SCC 3RD EAST XC27 BELT	AI	CO
<del>2230</del>	CO SCC XC26 MAIN SOUTH INTAKE	AI	CO

PNNo	Descriptor	Type	Tag Name
702	NO DD TEST BENCH	AI	NO
2036	NO SCC 2ND EAST HEAD ROLLER	AI	NO
2121	NO SCC XC 7 INTAKE TRAVELWAY	AI	NO
2162	NO SCC 3RD EAST HEAD ROLLER	AI	NO
2165	NO SCC 3RD EAST BELT DRIVE	AI	NO
2168	NO SCC 3RD EAST BELT TAKE UP	AI	NO
2171	NO SCC 3RD EAST XC0 INTAKE	AI	NO
2177	NO SCC 3RD EAST OUTBY XC2 BELT	AI	NO
2180	NO SCC 3RD EAST INBY XC 2 BELT	AI	NO
2183	NO SCC 3RD EAST INTAKE FEEDER	AI	NO
2186	NO SCC 3RD EAST BELT TAILPIECE	AI	NO
2189	NO SCC XC16 MAIN SOUTH INTAKE	AI	NO
2192	NO SCC 3RD EAST XC7 BELT	AI	NO
2195	NO SCC 3RD EAST XC7 INTAKE	AI	NO
2199	NO SCC 3RD EAST XC13 INTAKE	AI	NO
2216	NO SCC 3RD EAST XC13 BELT	AI	NO
2219	NO SCC 3RD EAST XC21 BELT	AI	NO
2222	NO SCC 3RD EAST XC21 INTAKE	AI	NO
2225	NO SCC 3RD EAST XC27 INTAKE	AI	NO
2228	NO SCC 3RD EAST XC27 BELT	AI	NO
2231	NO SCC XC26 MAIN SOUTH INTAKE	AI	NO

PERMISSIBILITY WEEKLY DATE ENDING 6-30-07

23 June 2007

LARRY POWELL JESSE GILBERT RYAN MANN ISRAEL PETERSEN

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

S  
**Signature**

DATE

6-30-07

6-28-07

6-29-07

6-29-07

2MSHA06313

## 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:

2MSHA06314

PERMISSIBILITY MUST BE SIGNED AND DATED

CRANDALL MINE

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
	SURFACE	# 1 TRANS 600 KVA			
6-30-07	XC 6 MAIN NO.	# 2 TRANS 600 KVA 950/480	all OK at time of inspection	checked all OK	NM
6/29	XC 1 3 <sup>RD</sup> NORTH	# 3 TRANS 225 KVA 480V	OK at inspection	none	R
6-30-07	XC 4 MAIN WEST	# 4 TRANS 750 KVA 950/480	all OK at time of inspection	checked all OK	NM
6-28	XC 40 MAIN WEST	# 5 TRANS 750 KVA 950/480	condition is good	Checked fire pro- tection, Brass tags, Breaker inst, Nips,	GH
6-28	XC 69 MAIN WEST	# 19 TRANS 1250 KVA 950/480	condition is good	Checked fire protection, ground straps, Breaker inst,	GH
6/29	XC 29 MAIN WEST	# 8 TRANS 500 KVA 480	Dirty window	cleaned	R
6-28	XC 44 MAIN WEST	# 9 TRANS 750 KVA 480	condition is good	checked fire protection, breaker inst, Brass tags,	GH
6-28	XC 4 6&7 BELT MW	# 27 TRANS 600 KVA 480	missing plastic seal on fire ext- inguisher.	Repair	GH
	X/C 14 3 <sup>RD</sup> NORTH	# 16 TRANS 1750 KVA 950/480	OOS		
6-28	XC 102 #5 BELT	1000 KVA #17	condition is good	checked fire protection, breaker inst, Brass tags,	GH
6/29	3 <sup>RD</sup> NORTH XC 5	#14 TRANS # 2 BELT DRIVE	OK at time of inspection		R
6-28	SOUTH MAINS X/C 1	#23 TRANS 7200 VOLTS	condition is good	checked fire pro- tection, breaker inst, Nips, cable	GH

NOTE'S

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2MSHA06315

PERMISSIBILITY MUST BE SIGNED AND DATED  
SOUTH CRANDALL MINE

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
6/28/07	SO CRANDALL XC#1	#13 BELT DRIVE TRANS #1BELT	checked and OK		LP
6/29/07	XC 19 1EAST SOUTH CRANDALL	300 KVA #10	checked and OK		LP
6/30/07	SO. CRANDALL BOTTOM OF SLOPE	JOY TRANSFORMER #28	all OK at time of inspection	Cleaned dust off window checked all OK	NM
6/29/07	SO. CRANDALL XC 6 MAINS	#21 BELT TRANSFORMER #3BELT	checked and OK		LP
6/29/07	SO CRANDALL XC 12	2 EAST BELT DRIVE 750 KVA #1TR	checked and OK		LP
6/29/07	SO CRANDALL 1 <sup>ST</sup> EAST XC 5	#26 1 <sup>ST</sup> E BELT TRANSFORMER	checked and OK		LP
6/29/07	3 <sup>RD</sup> EAST	7200 BELT DRIVE TRANS 750 KVA #16-31	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
6-30-07	XC 4 MAIN WEST	# 2 SWITCH GEAR 7200 VOLT	all OK at time of inspection	checked all OK	NM
6-28	XC 40 MAIN WEST	# 3 SWITCH GEAR 7200 VOLT	condition is good	OK	GN
6-28	XC 88 MAIN WEST	# 4 SWITCH GEAR 7200 VOLT	condition is good	OK	GN
6-29	XC 24 MAIN WEST	# 7 SWITCH GEAR 7200 VOLT	OK at inspection	none	R
6-28	XC 69 MAIN WEST	# 8 SWITCH GEAR 7200 VOLT	condition is good	OK	GN
6-28	XC 40 MAIN WEST	CAPACITOR BANK #1	condition is good	OK	GN
6-30-07	XC 6 SOUTH MAIN SOUTH CRANDALL	DUEL 7200V SWITCH GEAR #11 #3DRIVE	all OK at time of inspection	checked all OK	NM
6-30-07	XC 21 SOUTH CRANDALL	#5 DAUL SWICTH 7200	all OK at time of inspection	checked all OK	NM
6-30-07	XC 12 SOUTH CRANDALL	#1 SWITCH GEAR 7200 VOLT	all OK at time of inspection	checked all OK	NM

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

DISTRIBUTION BOXES

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
6-30-07	XC 16 MAIN NORTH	#DIST BOX #11	all ok at time of inspection	checked all OK	MM
6-28	XC 40 MAIN WEST	# 8 DIST. BOX	Condition is good	Checked live protection, brass tag, cable	GP
6-28	XC50 MAIN WEST	#5 DIST. BOX	Condition is good	Checked live pro- tection, breakers, cables, glands,	GP
6/29	XC26 MAIN WEST	#10 DIST. BOX	OK at inspection	None	R
6-30-07	SO CRANDALL BOAR HOLE	#6 DIST- BOX	all ok at time of inspection	checked all OK	MM
6/29	3 <sup>RD</sup> NORTH X/C 4	#16 D- BOX	OK at time of inspection	None	R
6/29	MW X/C 71	#12 D- BOX	OK at time of inspection	None	R

NOTE'S

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2MSHA06318

PERMISSIBILITY WEEKLY DATE ENDING 6-30-07

**23 June 2007**

**RUSS LARSON**

ALL CAP LAMP'S AND CHARGER'S

**Signature**

SIGNED

DATE

6-30-07

2MSHA06319

## 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:

2MSHA06320

JUN  
2007

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	EQUIPMENT CHARGERS ABOVE SHOP	CONDITION	ACTION TAKEN	INITIAL'S
29	# 1 CAP LAMP & CHARGER	OK		RL
/	# 2 CAP LAMP & CHARGER			
/	# 3 CAP LAMP & CHARGER			
29	# 4 CAP LAMP & CHARGER	OK		
	<del># 5 CAP LAMP &amp; CHARGER</del>	<del>OK</del>		
29	# 6 CAP LAMP & CHARGER	OK		
29	# 7 CAP LAMP & CHARGER	OK		
	<del># 8 CAP LAMP &amp; CHARGER</del>	<del>OK</del>		
29	# 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			
29	# 21 CAP LAMP & CHARGER	OK		
	<del># 22 CAP LAMP &amp; CHARGER</del>	<del>OK</del>		
29	# 23 CAP LAMP & CHARGER	OK		
	# 24 CAP LAMP & CHARGER	OK		
29	# 25 CAP LAMP & CHARGER	OK		
	<del># 26 CAP LAMP &amp; CHARGER</del>	<del>OK</del>		
29	# 27 CAP LAMP & CHARGER	OK		
	# 28 CAP LAMP & CHARGER			
	# 29 CAP LAMP & CHARGER			
29	# 30	OK		

2MSHA06321

JUN  
2007

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S			
29	# 31 CAP LAMP & CHARGER	OK		RL			
/	# 32 CAP LAMP & CHARGER	OK		RL			
	# 33 CAP LAMP & CHARGER						
	# 34 CAP LAMP & CHARGER						
	# 35 CAP LAMP & CHARGER						
29	# 36 CAP LAMP & CHARGER	OK					
/	# 37 CAP LAMP & CHARGER	OK		RL			
	# 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						
	29		# 49 CAP LAMP & CHARGER		OK		
			# 50 CAP LAMP & CHARGER		OK		
29	# 51 CAP LAMP & CHARGER	OK					
29	# 52 CAP LAMP & CHARGER	OK					
	# 53 CAP LAMP & CHARGER	OK					
29	# 54 CAP LAMP & CHARGER	OK					
29	# 55 CAP LAMP & CHARGER	OK					
29	# 56 CAP LAMP & CHARGER	OK		RL			

NOTE'S

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*JUL*  
*2007*

DATE	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
<i>29</i>	# 57 CAP LAMP & CHARGER	<i>OK</i>		<i>RL</i>
<i>29</i>	# 58 CAP LAMP & CHARGER	<i>OK</i>		
	<del># 59 CAP LAMP &amp; CHARGER</del>	<del><i>OK</i></del>		
<i>29</i>	# 60 CAP LAMP & CHARGER	<i>OK</i>		<i>RL</i>
<i>29</i>	# 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			
<del><i>29</i></del>	# 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			
<i>29</i>	# 80 CAP LAMP & CHARGER			
<i>29</i>	# 81 CAP LAMP & CHARGER			
<i>29</i>	# 82 CAP LAMP & CHARGER	<i>OK</i>		<i>RL</i>

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

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
29	# 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			
	# 90 CAP LAMP & CHARGER			
	# 91 CAP LAMP & CHARGER			
	29		# 92 CAP LAMP & CHARGER	
	<del># 93 CAP LAMP &amp; CHARGER</del>	<del>OK</del>		
29	# 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			
	29		# 108 CAP LAMP & CHARGER	

NOTE'S

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PERMISSIBILITY WEEKLY DATE ENDING 6-30-07

23 June 2007

RUSS LARSON  
CRANDALL MINE CONSPEC SYSTEM  
SOUTH CRANDALL MINE CONSPEC SYSTEM

SIGN **Signature** \_\_\_\_\_ DATE 6-30-07

2MSHA06326

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:

2MSHA06327

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
6-30-07	CRANDALL MINE	CONSPEC SYSTEM	OK		PC
6-30-07	SO. CRANDALL MINE	CONSPEC SYSTEM	OK		PC
6-30-07	Alarm function test. Maintain alarm area		OK		PC

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

LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S
6-30-07	Battery Drill & Charger	OK		PC

**PERMISSIBILITY**  
**MONTHLY**  
**June 2007**

**RUSS LARSEN**

**DRAW OFF TUNNEL METHANE MONITOR**  
**MONTHLY CALIBRATIONS**

**Signature**

*6 30-07*

2MSHA06329

**PERMISSIBILITY MUST BE SIGNED AND DATED**

DATE	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
6-30-07	METHANE MONITOR	<i>OK</i>		<i>RL</i>

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

PERMISSIBILITY WEEKLY DATE ENDING 6-30

23 June 2007

JAMSON WARD

MAIN WEST SECTION

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

Signature

DATE

6-29

2MSHA06331

## 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

2MSHA06332

## 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:

2MSHA06333

PERMISSIBILITY MUST BE SIGNED DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
6-28	MAIN WEST	#3 ROOF BOLTER	2 bad lights Accumulations	REPLACED WASHED	<i>[Signature]</i>
6-26	MAIN WEST	4978 MINER	Accumulations	WASHED	<i>[Signature]</i>
	MAIN WEST				
6-25	MAIN WEST	4978 MINER CAL 2.5 GAS	Calibrated with D.S GAS	TESTED GAS	<i>[Signature]</i>
	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

2MSHA06334

**PERMISSIBILITY**  
**June 2007**

**BLAIN FILLMORE HUGH ARRIOTTI**

**MONTHLY**

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

**Signature**

SIGNATURE

DATE

6-29-07

2MSHA06335

**MONTHLY PERMISSIBILITY**

DATE	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
6/29	# 1,2,3&4 FAN CONTROLLER	OK		JH
	OLD SMOKING ROOM	OK		
	110volt #10 air compressor	OK		
	PARKING AREA LIGHTS	OK		
	SHOWER PUMP ROOM	OK		
	STACKER BELT CONTROL ROOM	needs cleaned	Dne	
	# 1 MINE FAN	OK		
	# 2 MINE FAN	OK		
	# 3 MINE FAN	OK		
	# 4 MINE FAN	OK		

PERMISSIBILITY WEEKLY DATE ENDING \_\_\_\_\_

23 June 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

Signature

DATE

6-29-07

2MSHA06337

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
6/25	GEN MINE	BANANA DUSTER	OK		EBL
	GEN MINE	#2 TERRA PRO	OOS		/
	GEN MINE	# 5 SLINGER DUSTER	needs work	tyges	
	GEN MINE	# 2 AIR COMPRESSOR			
	GEN MINE	# 2 WELDING TRAILER	OK		
	GEN MINE	#5 GEHL	OOS		
	GEN MINE	#6 GEHL	OOS		
	GEN MINE	#1 TERRA PRO	OOS		
6/27	GEN MINE	#1 975	OK		
6/29	GEN MINE	#4 975	OK		

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

LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	Action TAKEN	INITIAL'S

23 June 2007

HUGH ARRIOTT BLAIN FILLMORE

OUT-BY 2- ENTRY DIESEL EQUIPMENT

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

SIGNED

Signature

DATE 6-29-07

MUST BE SIGNED AND DATED

PERMISSIBILITY

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2MSHA06341

**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 WEEKLY DATE ENDING \_\_\_\_\_

2MSHA06342

(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)

2MSHA06343

<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 NON-PERMISSIBLE DIESEL EQUIPMENT

2MSHA06344

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
6/27	GEN MINE	JEFFREY DUSTER #13	005		ZAA
	GEN MINE	STEAM CLEANER	005		
	GEN MINE	DIESEL GATOR #15	005		
6/25	GEN MINE	#10 BUCKIN WILLY	needs washed	Tagged	

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

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

PERMISSIBILITY WEEKLY DATE ENDING 6-30-07

23 June 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

Signature

DATE 6-28-07

2MSHA06346

## 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:

2MSHA06347

## 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

2MSHA06348

PERMISSIBILITY MUST BE SIGNED DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
6-25	3 <sup>RD</sup> NORTH	4590 MINER	condition is good	Checked flame paths, lights, e-stop, packing glands	GPV
6-25	3 <sup>RD</sup> NORTH	#9 ROOF BOLTER	condition is good	checked lights, packing glands, flame path, e-stop	GPV
6-25	3 <sup>RD</sup> NORTH	#29 TRANSFORMER	good	checked breakers, ground straps, fire protection, cable	GPV
6-25	3 <sup>RD</sup> NORTH	FEEDER BREAKER 12919	condition is good	checked fire protection e-stop	GPV
6-25	3 <sup>RD</sup> NORTH	MICROWAVE 5	good	OK	GPV
6-25	<del>3<sup>RD</sup> NORTH</del> West main	44 shuttle car	condition is good on flame paths, packing glands	Could Not check Lights or e-stop and brakes, No Power	GPV
6-25	3 <sup>RD</sup> NORTH	#45 shuttle car	condition is good	checked flame paths, warning bell, lights, e-stop	GPV
6-25	3 <sup>RD</sup> NORTH	TRICKLE DUSTER SC898	condition is good	checked flame paths, guards, fire protection	GPV
6-25	3 <sup>RD</sup> NORTH	488 SECTION SCOOP #	OOS	OOS	GPV
6-25	3 <sup>RD</sup> NORTH	& CHARGER #11	condition is good	checked fire protection, enclosure	GPV
6-25	3 <sup>RD</sup> NORTH	#3 WELDER SER. # KJ272843	good	OK	GPV
6-25	3 <sup>RD</sup> NORTH	HEAT LAMP #7	good	OK	GPV
	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

2MSHA06349

MAIN WEST SECTION

DARWON STANSFEILD

SECTION TRANS #30 HEAT LAMP #6

MICROWAVE #6 151958 SCOOP & CHARGER

SIGNATURE

Signature

DATE

6-20-07

WEEKLY H.D. & PERMISSIBLE VEHICLE CHECK

2MSHA06350

## 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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PERMISSIBILITY WEEKLY DATE ENDING 6-30

2MSHA06351

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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= AMPACITES 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 6 30

23 June 2007

FOSTER MCAURTHUR

ALL PORTABLE AND PERMANENT PUMP'S

SIGNED **Signature** \_\_\_\_\_ DATE 6.28.07

2MSHA06354

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2MSHA06355

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COMMENTS:

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2MSHA06356

**PERMISSIBILITY MUST BE SIGNED AND DATED**

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
6-28-07	XC15 RETURN	5HP PUMP P 5-36	OK		FM
6-27-07	XC39 MW RETURN	6.4 HP PUMP P 6.4 35	OK		FM
6-27-07	XC 39 MW RETURN	13HP PUMP P13 - 34	OK		FM
6-27-07	XC 44 M.W. RETURN	6.4 KW PUMP P6.4 33	OK		FM
6-27-07	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			
6-26-07	XC 52 1 <sup>ST</sup> EAST	13 HP PUMP SC #18	OK		FM
6-26-07	XC5 BLEEDER	13 HP PUMP	OK		FM
6-26-07	XC35 2EAST	13HP PUMP	OK		FM
	2 <sup>ND</sup> EAST	2 G PUMP SYSTEM			
6-26-07	XC33 2NDEAST	5HP PUMP	OK		FM
6-26-07	XC 20	D BOXES # 7 & RED OUT	OK		FM
6-26-07	XC 23 BLEEDER	5HP PUMP P# 23	OK		FM
6-26-07	XC-52 1 <sup>ST</sup> EAST	13 HP P# 52	OK		FM

NOTE'S \_\_\_\_\_  
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**PERMISSIBILITY**

**June 2007**  
MONTHLY

**HUGH ARRIOTTI BLAIN FILLMORE**

**WAREHOUSE & OFFICE'S  
DRAW OFF TUNNEL  
LOAD-OUT METHANE MONITOR  
SHOP BATHHOUSE, UPPER BATHHOUSE  
UPPER OFFICE'S SC MCC ROOM SUB STAITIO  
OIL STAITION**

**Signature**

SIGNED

DATE 6-29-07

**PERMISSIBILITY MUST BE SIGNED AND DATED**

**2MSHA06359**

**INSPECTION OF NON-PERMISSIBLE ELECTRICAL EQUIPMENT**

<p><b>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.</b></p>
<p><b>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</b></p>
<p><b>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,</b></p>
<p><b>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,</b></p>
<p><b>POWER CABLE IS HUNG ON INSULATORS, GUARDED WHERE IT CROSSES COMMUNICATION LINES AND HIGH VOLTAGE CABLE , IN GOOD CONDITION</b></p>
<p><b>CORRECT PROTECTION PROVIDED, OVERLOAD, SHORT CIRCUIT, GROUND FAULT, UNDER VOLTAGE,</b></p>
<p><b>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</b></p>
<p><b>EQUIPMENT FREE OF ACCUMULATIONS, 24" CLEARANCE AROUND ALL SIDES, NO ROOF AND RIB HAZARDS, AREA WELL ROCK DUSTED</b></p>

2MSHA06360

INSPECTION OF PERMISSIBLE ELECTRICAL EQUIPMENT

<p>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</p>
<p>CABLE REELS SHEAVES TURN FREELY, SHARPE EDGES ON FLANGES, REEL IS INSULATED, PROPER REEL TENSION, STRAIN CLAMP HAS EXTRA INSULATION, STRAIN CLAMP INSTALLED PROPERLY</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>
<p>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</p>
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<p>CHECK FOR PROPER 2G APPROVAL PLATE, X/P TAGS ON EXPLOSION PROOF ENCLOSURES, CAB CERTIFICATION TAG</p>
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<p>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.</p>

COMMENTS:

2MSHA06361

PERMISSIBILITY

MUST BE SIGNED AND DATED

DATE	LOCATION	CONDITION	ACTION TAKEN	INITIAL'S
6/29	SURFACE WAREHOUSE	OK		JA
	UPSTAIRS OFFICE'S	OK		}
	UPSTAIR'S LUNCHROOM	OK		
	CONFERENCE ROOM	OK		
	SHOP BATHHOUSE	OK		
	UNDERGROUND OFFICE'S	2 ty its bad	Done	
6/29	UNDERGROUND BATHHOUSE	Bad fire extinguisher	Done	
	CONSPEC BOTH MINES	OK		
	SOUTH CRANDALL 300 HP AIR COMPRESSOR	OKS		
	HEATER IN AIR COMPRESSOR ROOM	OKS		
	SUB STATION	one set lights out bad lights		
	SC MCC ROOM	OK		
	OIL STATION	Bad fire x	replaced	
6/29	STAKER BELT	fire supp. bad heater wall things need to be kept clear	Done	6/29

**PERMISSIBILITY**

**June 2007**

**HUGH ARRIOTTI BLAIN FILLMORE**

**MONTHLY**

**D-9 CAT, KOMATSU LOADER,  
LOAD-OUT BUILDING, RE-CLAIM BELT  
RE-CLAIM TUNNEL, TOOL SHED  
STACKER TUBE**

**Signature**

SIGNED

DATE 6-29-07

2MSHA06363

### 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)

2MSHA06364

DATE	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
4/29	NEW D-9 CAT	need cleaned light		AB
	KOMATSU LOADER	park brake, pads work near wiper, fire x	<del>Done</del> tagged	
	LOAD-OUT BUILDING	turn lights out	Done	
	RECLAIM BELT	structure need washed rollers in tunnel	Done	
	RECLAIM TUNNEL	need washed	Done	
	STACKING TUBE	OK		
	DRAW OFF TUNNEL	OK		
	TOOL SHED	needs cleaned	Done	
	TELAPORTER	need washed		
	AREA LIGHT'S ON SURFACE	OK		
	CRUSHER BUILDING	need cleaned		
	MCC BUILDING	need tags of entrance		
	BOBCAT	needs had fire x. washed	tagged fire x	Done
	320 LOADER	OKS		

NOTE'S

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LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

2MSHA06365

**PERMISSIBILITY weekly date ending -----**

**23 June 2007**

**HUGH ARRIOTTI BLAIN FILLMORE**

**ISUZU TRUCK'S**

**Signature**

SIGN

DATE

6-29-07

2MSHA06366

**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)

	CHARGER			
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**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>

DATE	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
6/25	# 27 ISUZU	Steering Backup alarm needs washed	Tagged out	JA
	# 28 ISUZU	not here		
	# 29 ISUZU	005		
6/26	# 31 ISUZU	head lights	Done	
	# 32 ISUZU	getting rebuilt		
	# 36 ISUZU	needs washed tail light	Done tail	
	# 46 ISUZU			
6/25	# 47 ISUZU	park Brake	Done	JA
	# 2 ISUZU	OK		
	# 3 ISUZU	park brake tubes	Done	
	# 4 ISUZU	OK		
	# 9 ISUZU	OK		
6/25	# 11 ISUZU	park Brake, floor	Done	JA
	# 12 ISUZU	guarding wires	Done	
	# 1 ISUZU	Brakes	Done	
6/25	# 44 ISUZU	park Brake needs washed	Done	JA
6/25	# 20 ISUZU	tail light, Backup alarm	Done	JA
6/27	# 21 ISUZU	OK		
	# 22 ISUZU	getting rebuilt		
	# 23 ISUZU	005		

PERMISSIBILITY MUST BE SIGNED AND DATED

LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S
6/24	1/2" DRILL	OK		JA
	4 1/2" GRINDER	OK		J
	BATTERY	OK		

2MSHA06369

**PERMISSIBILITY**

**June 2007**

**MONTHLY  
HUGH ARRIOTTI BLAIN FILLMORE**

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

SIGNED \_\_\_\_\_

**Signature**

DATE \_\_\_\_\_

*6-29-07*

2MSHA06370

**PERMISSIBILITY MUST BE SIGNED AND DATED**

DATE	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
6/29	ROCK DUST SILO	OK		DA
7	ISUZU SHOP	needs cleaned	Done	}
	SURFACE SHOP	need cleaned		
	SHOP OFFICE	needs cleaned	Done	
	DIST. BOX CIRCUIT BREAKERS	OK		

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

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LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

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

SIGNED **Signature** DATE 7-8-07

WEEKLY H.D. & PERMISSIBLE VEHICLE CHECK

2MSHA06372

## 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 7-7-----

2MSHA06373

## 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 WEEKLY DATE ENDING 7-7-07

1 July 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

SIGNATURE

DATE

7-3-07

2MSHA06376

## 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, XP 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:

2MSHA06377

## 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

2MSHA06378

PERMISSIBILITY MUST BE SIGNED DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
7-2	3 <sup>RD</sup> NORTH	4590 MINER	condition is good	checked flame paths, fire suppression, lights	GH
7-2	3 <sup>RD</sup> NORTH	#9 ROOF BOLTER	condition is good	checked lights, flame paths, glands	GH
7-2	3 <sup>RD</sup> NORTH	#29 TRANSFORMER	condition is good	checked NPS, breakers, fire protection	GH
7-2	3 <sup>RD</sup> NORTH	FEEDER BREAKER 12919	condition is good	checked guarding, fire protection	GH
7-2	3 <sup>RD</sup> NORTH	MICROWAVE 5	good	OK	GH
7-2	<del>3<sup>RD</sup> NORTH</del> main west	44 shuttle car	condition is good	checked flame paths, fire suppression, could not test brakes or e-stop	GH No power
7-2	3 <sup>RD</sup> NORTH	#45 shuttle car	condition is good	checked lights, e-stop, packing glands, flame paths	GH
7-2	3 <sup>RD</sup> NORTH	TRICKLE DUSTER SC898	condition is good	checked flame paths, fire protection	GH
7-2	3 <sup>RD</sup> NORTH	488 SECTION SCOOP #	OOS	OOS	GH
7-2	3 <sup>RD</sup> NORTH	& CHARGER #11	condition is good	checked fire protection, glands	GH
7-2	3 <sup>RD</sup> NORTH	#3 WELDER SER. # KJ272843	good	OK	GH
7-2	3 <sup>RD</sup> NORTH	HEAT LAMP #7	good	OK	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

2MSHA06379

PERMISSIBILITY WEEKLY DATE ENDING 7-7-07

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

SIGNED **Signature** DATE 7-7-07

2MSHA06380

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:

2MSHA06381

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
7/7	MAIN WEST	FEEDER BREAKER 13269	O.O.S.	TAGGED O.O.S.	J
7/7	MAIN WEST	12-8 SC	CONDUIT CAME OUT CONV. MOTOR	RE-ENTERED CONDUIT	J
7/7	MAIN WEST	12-11 SC	GROUND STRAP BROKE	REPLACED GROUND STRAP	J
7/7	MAIN WEST	#5 MRS	O.O.S.	CHECKED TAG	J
7/7	MAIN WEST	#6 MRS	O.O.S.	CHECKED TAG	J
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
	MAIN WEST				
		JASON FURR			

NOTE'S DID PERMISS ON STAMLER # 69 FEEDER BREAKER ALL OK AT TIME OF INSPECTION. 7-7-07 J

LIST ALL ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

PERMISSIBILITY WEEKLY DATE ENDING 7-7

1 July 2007

FOSTER MCAURTER

ALL PORTABLE AND PERMANENT PUMP'S

SIGNATURE **Signature** DATE 7-3-07

2MSHA06383

## 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>

2MSHA06384

## 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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2MSHA06385

**PERMISSIBILITY MUST BE SIGNED AND DATED**

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
7.3.07	XC15 RETURN	5HP PUMP P 5-36	α		FM
7.3.07	XC39 MW RETURN	6.4 HP PUMP P 6.4 35	α		FM
7.3.07	XC 39 MW RETURN	13HP PUMP P13 - 34	α		FM
7.3.07	XC 44 M.W. RETURN	6.4 KW PUMP P6.4 33	α		FM
7.3.07	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			
7.3.07	XC 52 1 <sup>ST</sup> EAST	13 HP PUMP SC #18	α		FM
7.3.07	XC5 BLEEDER	13 HP PUMP	α		FM
7.3.07	XC35 2EAST	13HP PUMP	α		FM
	2 <sup>ND</sup> EAST	2 G PUMP SYSTEM			
7.3.07	XC33 2NDEAST	5HP PUMP	α		FM
7.3.07	XC 20	D BOXES # 7 & RED OUT	α		FM
7.3.07	XC 23 BLEEDER	5HP PUMP P# 23	α		FM
7.3.07	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	WEEK OF	INITIAL'S
VEHICLE	CONDITIONS AND COMMENTS	TO OPERATE SYSTEM	EMMISSIONS & FIRE SUPP.	DEFECT OR CONDITION	CORRECTIVE ACTION	
	1 <sup>ST</sup> WEST & SAFE WEST BLEEDER	TO OPERATE SYSTEM				
7-2-07	XC 12 1 <sup>ST</sup> WEST	2G P 13-1	OK			FM
7-2-07	XC 1 BLEEDER 1 <sup>ST</sup> WEST	2G P13-2	OK			FM
7-2-07	XC 7 2ND WEST BLEEDER	2G P 13-3	+ OK			FM
7-2-07	DOG LEG 2 <sup>ND</sup> WEST BLEEDER	2G P13-4	OK			FM
7-2-07	3 <sup>RD</sup> LEFT	2G P 5-1	OK			FM
7-2-07	REGULATOR #1-975 314	2G P 5-2	OK			FM
7-2-07	3 1/2 CORNER	2G P 13-5	OK			FM
7-2-07	3 1/2 CORNER	2G P 28-1	OK			FM
7-2-07	3 1/2 BLEEDER	2G 5-3	OK			FM
7-2-07	#4-975 3 1/4 XC2	2G 5-4	OK			FM
7-2-07	3 1/4 XC 5	2G 5-5	OK			FM
7-2-07	3 1/4 XC 10	2G 5-6	OK			FM
7-2-07	#5 GEHL 3 1/2 CORNER	2G 30hp pump	OK			FM
7-2-07	#6 GEHL 3 1/2 CORNER	2G30hp pump	OK			FM
	#7 GEHL					
	#4 4110					
	#1 TERRA PRO					

PERMISSIBILITY MUST BE SIGNED AND DATED

2MSHA06387

PERMISSIBILITY

WEEKLY DATE ENDING 7-7-07

1 July 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

SIGNATURE

DATE

7-3-07

PERMISSIBILITY MUST BE SIGNED AND DATED

2MSHA06388

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COMMENTS:

2MSHA06390

PERMISSIBILITY MUST BE SIGNED DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
	SOUTH CRANDALL				
7-3	SOUTH CRANDALL	# 12853 STAMLER FB	OOS	OOS	<i>[Signature]</i>
7-3	SOUTH CRANDALL	SECTION TRANS #18	OOS	OOS	<i>[Signature]</i>
	SOUTH CRANDALL				
	SOUTH CRANDALL				
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	SOUTH CRANDALL				

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

LIST ALL

ELECTRICAL HAND TOOL'S

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

2MSHA06391

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
7-2	GEN. MINE	BELT WINDER #1	OOS	OOS	GH
7-2	GEN. MINE	10-58 636	Condition is good at time of inspection	Checked flame paths, e-stop, brakes, lights, fire suppression	GH
7-2	GEN. MINE	CHARGER 10-58 636	OOS	OOS	GH
7-2	GEN. MINE	MILLER WELDER #353049	good	OK	GH
7-3	1 <sup>ST</sup> EAST XC-13	#19 D-BOX	condition is good	Checked fire protection, nip, ground strap, enclosure	GH
7-3	SO. CRANDALL	PHONE SYSTEM	good	OK	GH
7-3	SO. CRANDALL #1 BELT	110 VOLT HEAT TAPE	good	OK	GH
7-3	SOUTH CRANDALL	D BOXES FOR CHARGER #002	Condition is good	Checked fire protection, nips, glands, breaker inst.	GH
7-2	GEN. MINE	MINE PHONES	Phone at zone #1 damaged	Replaced.	GH
7-2	X-C 5 MAIN NORTH	BELT SCALES	condition is good	Checked cable, glands, fire protection, enclosure	GH
7-2	X-C 44 MAIN WEST	PED SYSTEM	condition is good	Checked fire protection, cable, enclosure,	GH
7-2	X-C 49 MAIN WEST	ELECTRIC PRESSURE WASHER	condition is good	Checked fire protection, guard-ring, cable, glands,	GH
7-3	17-5 Surface Scoop	17-5 Scoop	CB flame path has (3) .006 gaps, motor inspection cover has .005 gap. Actuator cap is damaged.	Took CB cover off and clean coal and dirt. GAP is good. Took motor IC cover off and clean. GAP is good. Replaced actuator cap.	GH
7-3	"Surface"	" " 17-5 Scoop			GH

NOTES:

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**PERMISSIBILITY MUST BE SIGNED AND DATED**

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
	GEN MINE				
7-2	So. MAINS SO. CRANDALL	#1 UNITRAC	Tagged out of service for acc simulations.	Tagged out out of service	EPH
7-2	SO. MAINS SO. CRANDALL	UNITRAC CHARGER#1	OOS	OOS	EPH
7-2	XC 7 MAIN WEST	HEAT LAMP # 4 0204002588 MICROWAVE	condition is good	Checked fire protection, breaker, elements, enclosure.	EPH
7-2	XC 8 MAIN NORTH	TRICKLE DUSTER # 2	condition is good	Checked guarding, fire protection	EPH
7-2	GEN. MINE	#2 UNITRAC	good	OK	EPH
7-2	GEN. MINE	#2 UNITRAC CHARGER	condition is good	Checked fire protection, cables,	EPH
7-2	XC 89 MAIN SO #1 BELT	TRICKLE DUSTER # 4	condition is good	Checked guarding, fire protection, flame paths,	EPH
7-3	XC 14 SC MAIN	TRICKLE DUSTER # 3	OOS	OOS	EPH
7-2	XC 34 MAIN NORTH	TRICKLE DUSTER # 1	condition is good	checked fire protection, flame paths, packing glands	EPH
7-3	GEN MINE	BOOM TRUCK	condition is good	checked lights, fire suppression	EPH
7-3	SOUTH CRANDALL	BATTERY CHARGER & DUSTER	good	OK	EPH

**LIST ALL ELECTRICAL HAND TOOL'S**

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S

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

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2MSHA06393

PERMISSIBILITY WEEKLY DATE ENDING 7-7-07

1 July 2007

RUSS LARSON  
CRANDALL MINE CONSPEC SYSTEM  
SOUTH CRANDALL MINE CONSPEC SYSTEM

SIGNED

**Signature**

DATE

7-7-07

2MSHA06394

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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2MSHA06395

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7-7-07	CRANDALL MINE	CONSPEX SYSTEM	OK		RC
7-7-07	SO. CRANDALL MINE	CONSPEX SYSTEM	OK		RC
<i>Section's alarm function test</i>					
7-6-02	Maintest	Alarmbox	OK		RC

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

DATE	TOOL	CONDITION	ACTION TAKEN	INITIAL'S
7-7-07	Battery Drill & <del>Charger</del>	OK		RC

PERMISSIBILITY WEEKLY DATE ENDING 7-7-07

1 July 2007

RUSS LARSON

ALL CAP LAMP'S AND CHARGER'S

Signature

SIGNED

DATE

7-7-07

2MSHA06397

## 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:

2MSHA06398

July  
2007

PERMISSIBILITY MUST BE SIGNED AND DATED

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

July  
2007

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
7	# 31 CAP LAMP & CHARGER	OK		RE
/	# 32 CAP LAMP & CHARGER			
/	# 33 CAP LAMP & CHARGER			
/	# 34 CAP LAMP & CHARGER			
7	# 35 CAP LAMP & CHARGER	OK		
	<del># 36 CAP LAMP &amp; CHARGER</del>	<del>OK</del>		
7	# 37 CAP LAMP & CHARGER	OK		
	<del># 38 CAP LAMP &amp; CHARGER</del>	<del>OK</del>		
7	# 39 CAP LAMP & CHARGER	OK		
/	# 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			
7	# 49 CAP LAMP & CHARGER	OK		
	<del># 50 CAP LAMP &amp; CHARGER</del>	<del>OK</del>		
7	# 51 CAP LAMP & CHARGER	OK		
7	# 52 CAP LAMP & CHARGER	OK		
	<del># 53 CAP LAMP &amp; CHARGER</del>	<del>OK</del>		
7	# 54 CAP LAMP & CHARGER	OK		
7	# 55 CAP LAMP & CHARGER	OK		
7	# 56 CAP LAMP & CHARGER	OK		RE

NOTE'S

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July  
2007

DATE	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
7	# 57 CAP LAMP & CHARGER	OK		ABC
7	# 58 CAP LAMP & CHARGER	OK		
	<del># 59 CAP LAMP &amp; CHARGER</del>	<del>OK</del>		
7	# 60 CAP LAMP & CHARGER	OK		
7	# 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			
7	# 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			
7	# 80 CAP LAMP & CHARGER			
7	# 81 CAP LAMP & CHARGER			
7	# 82 CAP LAMP & CHARGER	OK		NC

NOTE'S

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2MSHA06401

July  
2007

PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
7	# 83 CAP LAMP & CHARGER	OK		PC
7	# 84 CAP LAMP & CHARGER			
	# 85 CAP LAMP & CHARGER			
	# 86 CAP LAMP & CHARGER			
	# 87 CAP LAMP & CHARGER			
	# 88 CAP LAMP & CHARGER			
	# 89 CAP LAMP & CHARGER			
7	# 90 CAP LAMP & CHARGER			
7	# 91 CAP LAMP & CHARGER			
7	# 92 CAP LAMP & CHARGER	OK		
	<del># 93 CAP LAMP &amp; CHARGER</del>	<del>OK</del>		
7	# 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			
7	# 108CAP LAMP & CHARGER	OK		PC

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

2MSHA06405

## 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:

2MSHA06406



PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
7-7-7	BELT PORTAL	TRICKLE DUSTER#ST4471	all ok at time of inspection	washed area down	NM
7-7-7	BELT PORTAL	CONTROL BOXES, E.T.C.	dirty & float dust	wiped down cleaned	NM
7-7-7	BELT PORTAL	MAGNET # 1 HEAD ROLLER	all ok at time of inspection	checked all ok	NM
7-7-7	GEN. MINE	DIESEL GENERATOR	all ok at time of inspection	checked all ok	NM

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

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
7-7-7	#1 BELT PORTAL	6.4PUMP SC #P1	All OK at time of inspection	checked all OK	NM
7-7-7	#1 BELT OVERCAST	10HP PUMP SC #P2	all ok at time of inspection	checked all OK	NM
7-7-7	XC 22 main so	5 HP PUMP #15 SO.CRANDALL	OOS	checked Tag	NM
7-7-7	SO. CRANDALL ROCK ROOMS	6.4 KW STANCOR PUMP SC #P12	all OK at time of inspection	checked all OK	NM
7-7-7	SO. CRANDALL	LEE NORIS ROOF BOLTER	OOS	checked Tag	NM
7-7-7	SC INTAKE BOTTOM OF SLOPE	5HP SC #P4	all OK at time of inspection	checked all OK	NM
7-7-7	1 <sup>ST</sup> EAST XC18	5 HP SC#P8	all OK at time of inspection	checked all OK	NM
7-7-7	SC NORTH RETURN FACE	5HP #P9	all OK at time of inspection	checked all OK	NM
7-7-7	SOUTH MAIN XC 1	54KW SC #P10	OOS	checked Tag	NM
7-7-7	XC 2 #4 BELT	5HP #P11	OOS	checked Tag	NM
7-7-7	BORE HOLE	5HP SC #P5-13	OOS	checked Tag	NM
7-7-7	XC 24 SO. CRANDLL SO. MAIN	10HP SC #P14	Removed from mine	No longer in area	NM
7-7-7	2ND EAST INTAKE	5HP PUMP SC #P19	Removed from mine	No longer in area	NM
7-7-7	3RD EAST BELT DRIVE	6.4 KW STANCOR PUMP SC #P21	OOS	checked Tag	NM

NOTE'S

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PERMISSIBILITY MUST BE SIGNED AND DATED

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
7-7-7	#1 BELT DRIVE	3.6 HP PUMP#P2 FLYGHT	OOS cable cut	Reported again	NM
7-7-7	XC 1 #1 BELT	10 HP PUMP #P1 STANCOR	pump no longer in area	Reported again	NM
7-7-7	#1 BELT TAIL	10 HP PUMP #P3 FLYGHT Tlash	all ok at time of inspection	checked all ok	NM
7-7-7	XC 6 M.W. BELT LINE	6.4 KW PUMP #P4STANCOR	all ok at time of inspection	checked all ok	NM
7-7-7	1 <sup>ST</sup> SOUTH XC #6	5 HP PUMP #P5 FLYGHT	all ok at time of inspection	checked all ok	NM
7-7-7	XC 38 M.W. BELT	5 HP PUMP #P8 FLYGHT	all ok at time of inspection	checked all ok	NM
7-7-7	XC 39 M.W. BELT	3.5 KW PUMP #P9 FLYGHT	all ok at time of inspection	checked all ok	NM
7-7-7	XC 45 M.W.	#1 150 HP PUMP & #1 CONTROLLER	all ok at time of inspection	checked all ok	NM
7-7-7	XC 45 M.W.	#2 150 HP PUMP	all ok at time of inspection	checked all ok	NM
7-7-7	XC 47 M.W. BELT	6.4 KW PUMP #P10 STANCOR	all ok at time of inspection	checked all ok	NM
7-7-7	XC 46 M.W.	13 HP PUMP#P11 FLYGHT	all ok at time of inspection	checked all ok	NM
7-7-7	XC 46 M.W.	#P1 200 HP HIGH PRESSURE PUMP	OOS Leads disconnected	checked Tag	NM
7-7-7	3 <sup>RD</sup> NO #1 BELT TAIL	6.4 STANCOR #P23	OOS	checked Tag	NM
7-7-7	3 <sup>RD</sup> NO. HEAD ROLLER	5 HP PUMP #P7 FLYGHT	all ok at time of inspection	checked all ok	NM
7-7-7	XC 39 MAIN WEST INTAKE	5 HP PUMP P19	all ok at time of inspection	checked all ok	NM
7-7-7	XC 40 MAIN WEST	5 HP PUMP #P6 FLYGHT	all ok at time of inspection	checked all ok	NM
7-7-7	XC 45 M.W.	150 HP PUMP <del>OSPA</del> Swette	Replaced pump	checked all ok	NM
7-7-7	XC 65 MW	2CERCUIT D BOX #12	all ok at time of inspection	checked all ok	NM
7-7-7	XC 63 MW	5HP PUMP	all ok at time of inspection	checked all ok	NM
7-7-7	XC 3 #1 belt drive	P-30 10hp Tlash	all ok at time of inspection	checked all ok	NM

NOTE'S



DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
7-7-7	SO. CRANDALL XC 1	#1 BELT DRIVE AND LIGHTS	OOS	checked Tag OK	NM
7-7-7	SO. CRANDALL	3 <sup>RD</sup> EAST BELT AND TAKE UP SUP 500	OOS	checked Tag OK	NM
7-7-7	SO. CRANDALL	#2 BELT DRIVE & LIGHTS	OOS	checked Tag OK	NM
7-7-7	SO. CRANDALL	#3 BELT DRIVE, LIGHTS & BRAKE CONTROLLER & TAKE-UP	OOS	checked Tag OK	NM
7-7-7	SO. CRANDALL	#1 BELT SCALES	OOS	checked Tag OK	NM
7-7-7	SO. CRANDALL	#4 BATTERY COAL HAULER	OOS	checked Tag OK	NM
7-7-7	SO CRANDALL	2 EAST BELT & CONTROLLER	OOS	checked Tag OK	NM
7-7-7	SO CRANDALE	SUPER 500 & CONTROLLER 2 EAST	OOS	checked Tag OK	NM
7-7-7	CRANDALE	#1 LEE NORSE	OOS	checked Tag OK	NM
	SO. CRANDALL				
	SO. CRANDALL				
	SO. CRANDALL				
	SO. CRANDALL				

NOTES:

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2MSHA06413



PERMISSIBILITY WEEKLY DATE ENDING 6/7/07  
2-7-07

1 July 2007

LARRY POWELL JESSE GILBERT RYAN MANN ISRAEL PETERSEN

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

**Signature**

DATE 7-3-07

7-2-07

7/3/07

## 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.

COMMENTS:

2MSHA06416

PERMISSIBILITY MUST BE SIGNED AND DATED

CRANDALL MINE

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
7-2	SURFACE	# 1 TRANS 600 KVA	good	OK	EPV
7-2	XC 6 MAIN NO.	# 2 TRANS 600 KVA 950/480	good	OK	EPV
7-2	XC 1 3 <sup>RD</sup> NORTH	# 3 TRANS 225 KVA 480V	good	OK	EPV
7-2	XC 4 MAIN WEST	# 4 TRANS 750 KVA 950/480	good	OK	EPV
7-2	XC 40 MAIN WEST	# 5 TRANS 750 KVA 950/480	good	OK	EPV
7-2	XC 69 MAIN WEST	# 19 TRANS 1250 KVA 950/480	good	OK	EPV
7-2	XC 29 MAIN WEST	# 8 TRANS 500 KVA 480	good	OK	EPV
7-2	XC 44 MAIN WEST	# 9 TRANS 750 KVA 480	good	OK	EPV
7-2	XC 4 6&7 BELT MW	# 27 TRANS 600 KVA 480	good	OK	EPV
	X/C 14 3 <sup>RD</sup> NORTH	# 16 TRANS 1750 KVA 950/480	OOS		
7-2	XC 102 #5 BELT	1000 KVA #17	good	OK	EPV
7-3	3 <sup>RD</sup> NORTH XC 5	#14 TRANS # 2 BELT DRIVE	OK		JP
	SOUTH MAINS X/C 1	#23 TRANS 7200 VOLTS	OOS	OOS	
7-5	South mains XC 1	# 12 TRANS 7200 Volt	2 Bolts missing in cavens	Replaced	JP

NOTE'S

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PERMISSIBILITY MUST BE SIGNED AND DATED  
SOUTH CRANDALL MINE

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
7/3	SO CRANDALL XC#1	#13 BELT DRIVE TRANS #1BELT	none observed	none	WLC
7/3	XC 19 1EAST SOUTH CRANDALL	300 KVA #10	none observed	none	Wae
7/3	SO. CRANDALL BOTTOM OF SLOPE	JOY TRANSFORMER #28	missing cover over Rec entered	installed cover over Rec	Wae
7/3	SO. CRANDALL XC 6 MAINS	#21 BELT TRANSFORMER #3BELT	none observed	none	WLC
7/3	SO CRANDALL XC 12	2 EAST BELT DRIVE 750 KVA #1TR	none observed	none	WLC
7/3	SO CRANDALL 1 <sup>ST</sup> EAST XC 5	#26 1 <sup>ST</sup> E BELT TRANSFORMER	none observed	none	WLC
7/3	3 <sup>RD</sup> EAST	7200 BELT DRIVE TRANS 750 KVA #16-31	none observed	none	WLC

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

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
7-2	XC 4 MAIN WEST	# 2 SWITCH GEAR 7200 VOLT	good	OK	EPB
7-2	XC 40 MAIN WEST	# 3 SWITCH GEAR 7200 VOLT	good	OK	EPB
7-2	XC 88 MAIN WEST	# 4 SWITCH GEAR 7200 VOLT	good	OK	EPB
7-2	XC 24 MAIN WEST	# 7 SWITCH GEAR 7200 VOLT	good	OK	EPB
7-2	XC 69 MAIN WEST	# 8 SWITCH GEAR 7200 VOLT	good	OK	EPB
7-2	XC 40 MAIN WEST	CAPACITOR BANK #1	good	OK	EPB
7/3	XC 6 SOUTH MAIN SOUTH CRANDALL	DUEL 7200V SWITCH GEAR #11 #3DRIVE	none observed	none	Whe
7/3	XC 21 SOUTH CRANDALL	#5 DAUL SWICTH 7200	none observed	none	Whe
7/3	XC 12 SOUTH CRANDALL	#1 SWITCH GEAR 7200 VOLT	none observed	none	Whe

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

DISTRIBUTION BOXES

DATE	LOCATION	EQUIPMENT	CONDITION	ACTION TAKEN	INITIAL'S
7-3	XC 16 MAIN NORTH	#DIST BOX #11	OK		IP
7-2	XC 40 MAIN WEST	# 8 DIST. BOX	good	OK	IP
7-2	XC50 MAIN WEST	#5 DIST. BOX	good	OK	IP
7-2	XC26 MAIN WEST	#10 DIST. BOX	good	OK	IP
7-3	SO CRANDALL BOAR HOLE	#6 DIST- BOX	OOS	OOS	KLC
7-3	3 <sup>RD</sup> NORTH X/C 4	#16 D- BOX	OK		IP
7-3	MW X/C 71	#12 D- BOX	OK		IP

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