E01 Safety Health Insp Notes
07-05-2006 – 09-22-2006.PDF
DAILY COVER SHEET

Date 7-17-06  Event No. 4762-58

Arrived at the Mine  Departed from the Mine

List Records Books Checked  Rishift/Disshirt,

Accompanied By: Company Representative

Print

Miners Representative

AREAS OF INSPECTION ACTIVITY:

At General Areas -

Holding pre-inspection

for Mark Bernard &

South Campbell Mines

Citation # 7283155

Issued 0738 AM

97 2088 Compressed

gas bottle storage

area - CO2 - no cap

provided over valve -

Removed but Valve exposed

Issued 9/5

Due 0740

Term 0738 - Bottle

capped

Inspector's Initials  D.M.

Supervisor's Initials and Date  Page No.

S.J. GOVERNMENT PRINTING OFFICE. 2005-541-054/20510
Condition of Tracks
Proper probe lengths
Water holes along east
electrical inspections
Arms inspections

11e - Ops -

Stopping

MSHA Form 7000-10K, June 93 (revised)
Date 7-17-06

Inspector's Initials **DLD**

MSHA Form 7000-10K, June 93 (revised)
Date 7-17-06

Present

(b) (7)(C)

MSHA Form 7000-10K, June 93 (revised)
Date 7-17-06

Inspector's Initials **DLD**

MSHA Form 7000-10K, June 93 (revised)
Date 7-17-06

Inspector's Initials **DLD**

Supervisor's Initials and Date

Page No. 6

Supervisor's Initials and Date

Page No. 6
Traveled to 3 East section mine 05-0 to check battery scoop.
Checking face 1st thing for 10-3.
More present - DTE's present this am and 04:40 AM.

Date: 7-17-06

Inspector's Initials: DJO
Supervisor's Initials and Date: ___________ Page No. 1

MSHA Form 7000-10K, June 93 (revised)
3rd E 200' from 200' from the face.

Date: 7-17-06

Inspector's Initials: DJO
Supervisor's Initials and Date: ___________ Page No. 8

MSHA Form 7000-10K, June 93 (revised)

Date: 7-17-06

Inspector's Initials: DJO
Supervisor's Initials and Date: ___________ Page No. 9
Checking battery
2136, P. 135 Co. # 4

Citation # 283157
Issued 11/28/95
Production and Battery compartments not integrated with tailgate

# 5 1280HR - E
1780 HR - L

Need for abatement


Also no insulation provided between one positive terminal & cover

Issued month 3-8-

Battery relitively clean


No 1600 hrs - Tailing to the surface for repair


4. 7/12 Examin should have known

5. Probably existed several weeks

6. Exposed

7. Unchecked

8. Last 30 days. Restricted duty


1. Exam

2. Incentive
Walking section belt
Return alternate escape way

Cetabin # 7273158
Issued 1220 Jun -
X-cuts 30 x 30 -
Changes vents -

Checked with chemical
Smoke - Blanks
not drawing to the belt -

Ams system in place -

Inspector's Initials: 12 Ch
Supervisor's Initials and Date: Page No. 13

Venting se, trying to keep leaves vent & suspender
problems - Issued from # 6 x 3 x 12 - 332241

Due 1330 hrs -

4: Unknown who knew
5: Existed 1 shift
6: Supposed
7: Unlikely
8: Lost days restricted

RCA
- Installation

Inspector's Initials: PM
Supervisor's Initials and Date: Page No. 14

Ret. called 10 00
15 top or one side
8 on each off wall

On

Inspector's Initials: M
Supervisor's Initials and Date: Page No. 15

Date 7-17-06

Red 20 roller marked (x) 19

Test operator at time of issuance out had been running earlier

Confinement of reactor

S&S - Fire hazard

Smaller Burns

Date 4:03 PM

Inspector's Initials DLM

Supervisor's Initials and Date

MSHA Form 7000-10K, June 93 (revised)

Date 7-17-06

1. Unknown - how know
2. Unknown - how long
3. - 7:45 P.M.

B. Reasonably likely - smoke inhalation, burns

1. Lost day - Restricted

Note: Remember of But move out -

Likewise with scoop

Issued paper work I returned to the office

Hit head on low top today and jammed neck again

 Returned to surface to issue paper work

Inspector's Initials DLM

Supervisor's Initials and Date

MSHA Form 7000-10K, June 93 (revised)

Date 7-17-06

Inspector's Initials DLM

Supervisor's Initials and Date

Page No. 14
Except as previously noted, in all areas traveled during today's inspection, DT&I's sufficient and up to date. No low O₂ or CH₄ detected beyond normal range.

Roof and Rib support appears adequate. Ventilation Controls in place. Air flowing in the proper direction and Velocities are adequate. Clean up and Rock Dust adequate with no combustible materials present. Fire suppression equipment in place as required.

Inspectors Initials A A
Supervisors Initials and Date Page No 9

### TYPE OF PROBLEM

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<thead>
<tr>
<th>EXAMINATION</th>
<th>CITATION #</th>
<th>J285666</th>
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<tbody>
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### ROOT CAUSE TO PROBLEM

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<td>INCENTIVE</td>
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<td>Correct performance punished?</td>
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<td>Incorrect performance rewarded?</td>
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<td>Consequences suitable?</td>
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<td>Concentration?</td>
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<td>Habits?</td>
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**MSHA Form 7000-10J, June 93 (revised)**

3. LOCATION #1 Belt Portal at

4. WHO KNEW THE CONDITION EXISTED?

(a) Unknown ( ) Foreman ( ) Other
Negligence? ( ) None ( ) Low (x) Moderate ( ) High ( ) Reckless Disregard - Why Required

Is the condition in a location that should have been seen by the mine Examiner? (x) Yes ( ) No
Regular traveled location? (x) Yes (x) No
Should condition have been detected by regular activity? (x) Yes ( ) No
5. How long has the condition existed?
Could Not Find or Cover on ground ( )
6.11 How many people are affected by the condition?

7. If an accident were to occur due to this condition how serious would it be?
No lost work days ( )
Last work days/Restricted duty ( )
Permanently Disabling ( ) Fatal ( ) Other ( )
Why? ( )

8. What is the likelihood that this type of accident will occur at this mine?
No Likelihood ( ) Unlikely ( )
Reasonably Likely ( ) Highly Likely ( )
Occurred ( ) Other ( ) Why? ( )
No damage to wires ( )

9. What is the likelihood that this type of accident will occur at this mine?
No Likelihood ( ) Unlikely ( )
Reasonably Likely ( ) Highly Likely ( )
Occurred ( ) Other ( ) Why? ( )
Cable was damaged ( )
Condition was obvious ( )
Possible electrocution ( )

Inspector's Initials
Supervisor's Initials

3. LOCATION #1 Belt Portal at

4. WHO KNEW THE CONDITION EXISTED?

(a) Unknown ( ) Foreman ( ) Other
Negligence? ( ) None ( ) Low (x) Moderate ( ) High ( ) Reckless Disregard - Why Required

Is the condition in a location that should have been seen by the mine Examiner? (x) Yes ( ) No
Regular traveled location? (x) Yes (x) No
Should condition have been detected by regular activity? (x) Yes ( ) No
5. How long has the condition existed?
Could Not Find or Cover on ground ( )
6.11 How many people are affected by the condition?

7. If an accident were to occur due to this condition how serious would it be?
No lost work days ( )
Last work days/Restricted duty ( )
Permanently Disabling ( ) Fatal ( ) Other ( )
Why? ( )

8. What is the likelihood that this type of accident will occur at this mine?
No Likelihood ( ) Unlikely ( )
Reasonably Likely ( ) Highly Likely ( )
Occurred ( ) Other ( ) Why? ( )
No damage to wires ( )

9. What is the likelihood that this type of accident will occur at this mine?
No Likelihood ( ) Unlikely ( )
Reasonably Likely ( ) Highly Likely ( )
Occurred ( ) Other ( ) Why? ( )
Damaged conductors could damage ( )

Inspector's Initials
Supervisor's Initials
TYPE OF PROBLEM | CITATION #7285671
--- | ---
EXAMINATION | - No examination
| ❌ Deficient examination
| ❌ Improper examination
INSTALLATION | - Lack of required installation
| - Improper installation
CORRECTION | - Not being recognized
| - Not reported
| - Not corrected if reported

ROOT CAUSE TO PROBLEM

KNOWLEDGE/TRAINING | - Did the miner know how to do the task?
| ❌ Could the miner apply the knowledge?
TOOLS/EQUIPMENT | - Were appropriate tools available?
| ❌ Were the appropriate tools/EQ used?
INCENTIVE | - Was the correct performance punished?
| - Was the incorrect performance rewarded?
CAPACITY | - Physical ability?
| - Concentration?
| ❌ Habits?

Date: 8-27-06  Inspector's Initial: RB  Page No. 3

SUPERVISOR'S D&B: ___________________________  Page No. 3

DAILY COVER SHEET

DATE 7-26-06

ARRIVED AT THE MINE

DEPARTED FROM THE MINE

LIST RECORD BOOKS CHECKED

South Randell Longwall Pre Shift, South Randell General Mine, South Randell Belt Pre Shift, South Randell General Mine Pre/on Shift Report, South Randell Belt Pre Shift, South Randell Weekly, - continued -

ACOMPANIED BY: COMPANY REP. Jims Pruitt

MINERS REP. 

AREAS OF INSPECTION ACTIVITY:

Main, South Randell Pre Shift Sectors, South Main, South Randell Pre Shift Sectors, South Randell Weekly, South Randell 3rd Vent, South Randell Daily

1. Monthly exam of ventilation equipment - no shadecard listed in books that have not been taken care of.

2. Checked cap lamp charging system in both houses - looked good. Checking circuit breaker box in both houses did not find a problem.

3. Checked fire house truck #11, found stack lead has not been insulated and was able to read battery voltage on lug. There was no evidence of even showing insulation.

PAGE NO. 1 INSPECTOR INITIAL: RB SUPERVISOR D&I: 6/19/06

MSHA Form 7000-1011, June 93 (revised)
DATE 7-26-06

Checked engines approved tag, looked good, checked disconnect and fuse did not find a problem.
Checked service jack brake - checked neutral start and horn all ok, truck had self closing fuel tank and good groutings where wire passes through sheet metal.
Checked #1 transformer near entrance to Mandell mine, All caps were grounded and clearly identified.
Transformer in a 7200 Volts 5% 455547-9-04 mod # 1500 P/c.
Rating 1500 KVA.
Checked control dust at belt foot hole, Dusty 4471 did not find a problem.
Electrical controls in belt foot hole were covered with coal dust and coal accumulations resulting from wet coal mud being splashed onto bogers than dring on footers. There was a rectifier for a Erie Magnet power supply.
A disconnect box for fuel tender, oil tender and locomotive, opened this box and it had coal dust and dust accumulations inside.
The box that warranted a 3% citation - inside of box was very dusty - also...
DATE 7-26-06

When the power was killed to this box to open it up for inspection, it killed the ROM belt. It is not labeled to be linked to ROM belt?
Also a disconnect attached to a transformer in this area and attached to the load side of the fuel tank. Oil tank and lower yard box is not labeled. I opened yard light box and it was also full of dirt.
J-Box for stacker belt box also was heavy with coal dust inside the box with energized power leads.
Other boxes included in accumulation station is 110/220 volt panels.

10:00
Had a missing cover plate on weatherhead fitting on junction box at I Beam support on walking side of belt.
Checked fan - belt drive fan that may have grading issue - protected by location and no exposure to people.

10:25
Found #2 magnet on Cranekist belt at Pot Hole was missing grading on belt drive motor and gear box, belt - bend.

INSP. INITIALS RB SUPV. D&I OT 07-06 PAGE NO. 3
rubbed into the #1 cable supplying power
to this motor, also the guard on the cooling fan
for the motor was only in place with one screw allowing
the top of this guard to be 4" away from
motor - this is 12' above the ground. This magnet
was rubber in and the power would not set,
no tags were on unit. Outer jacket was torn
through and one of the phase leads was getting
worse on but I could not detect any
copper showing. Wear spot was 4" long and
was through the jacket about 1/2" wide x 3/8" from
side to side.

Checked old power boxes all were in trunk
house. Many of these are disconnected and
there is no power on them.

Service disconnected at South Endell end
of Silt belt had the 1/2 liquid tite fitting
broken where it exited the bottom of the box
supplying power to a 220 VAC water heater.
also the liquid tite conduit was broken where
it entered the water heater. A pump attached
to this water tank 1/2 HP circulation pump
also had the liquid tite conduit broken and
the insulated wires inside were exposed.

11:20

INSPECTION INITIALS RB SUPV. D&I 8-7-06 PAGE NO. 4
CRANDALL CANYON
DAILY COVER SHEET

DATE 7-27-06  

ARRIVED AT THE MINE  
DEPARTED FROM THE MINE  

LIST RECORD BOOKS CHECKED  

Grandle Weekly, General Mine Pre/On Shift  
for Crandall, Crandall Belt Pre/Shift, 2nd East Longwall Pre Shift

Daily & Monthly Exam of Ventilation Equipment - No hazards listed

ACCOMPANIED BY: COMPANY REP.  Jim Pruitt

MINERS REP.  None

AREAS OF INSPECTION ACTIVITY:

Accompanied on inspection by (b) (7)(C)  
Checked boxes that were not labeled or labeled  
8:20  
incorrectly and abated citation # 7285670  

8:30  
Checked water heater and circulation pump and  
abated citation #   

Checked the top of the truck load out site did  
not find any problems.  
Checked tipples and belt lines to and from tipples  
all looked good, could not find a problem  

Inspected Reclaimer, Tunnel and tunnel  
escape tunnel all the way back to  
the surface - did not find a problem  

Checked Keminick Road in coal  
checked lights, breaker, neutral, start, back up

PAGE NO. 1  
INSPECTOR INITIAL RB  
SUPERVISOR D&I  TF 2-06
DATE 7-27-06

alarm, excess ladder - did not find a problem
fire exit and sign above also looked good

Checked D9N in coal yard, checked backup
alarm, neutral test, lights, fire suppression
exit - did not alarm operate & do function
test on breaker

Checked Truck load out controller under side - all
looked good

Checked Bulk oil storage area, it
was reasonably clean and fire extinguisher
were in good shape. Found what was
released to a old and discarded light
along the front edge of the building. This
light had the entence glass smashed
and also the liquid type conduct was smashed.

10:05
Aborted
11:15

10:25
Aborted
10:55

* did see exposed light - see
Page 3

Checked power and was able to read 120 VAC
suppling power to this light. The metal
pipes that the light is attached to is pushed
into the I beam that holds the roof up.
There are also vertical supports attached to
this that a person could easily contact.

Found box that used to supply power to
the reclaim belt. This also was old stuff
that is not used any more - opened box

INSPECTION - RB  SUPV. D & I  8-7-06  PAGE NO. 2
DATE 7-27-06

[Handwritten text not legible]

[Handwritten text not legible]

Weekly Permissibility for belt portal dated 7-22-06 by (b) (7)(C) above.

[Handwritten text not legible]

12:50 7-21-06 Record of inspection of sub station did not list any 480 volt circuit, or the 480 breaker in question. Generally the inspection sheet did not list all of the required checks and all makers in this substation. Inspection done by (b) (7)(C)

6-24-06 Record of inspection for oil storage area by (b) (7)(C) did not list any problems at the oil station. 1½ hole in bottom of breaker box and 86 light with contact smashed.

INSPECTION INITIALS RB SUPV. D&I TF 07-06 PAGE NO. 4
and was able to read 240 VAC on the line side of the breaker. The box had a 1 1/2" opening that was not plugged. A person could not contact energized conductors through this opening.

Got a ladder and was able to see a exposed lead. Could not read any voltages - wires inside the weatherproof were connected but could not read voltage at feed light - disconnected & removed light. BO

11:50 - 2 citations 480 VAC Circuit Breaker in the Substation was not labeled as to what it used to go to. The breaker was not secured inside the box and was only connected by the energized line side power leads. The opening that should have allowed access to the breaker switch was loosely covered by a danger tag that did not have any weighting or signatures or date. Tag was a poor attempt to cover the opening into this box. The line side power could be contacted through this opening. Could not find out where to disconnect power to the breaker.

A spare 480 VAC breaker was energized and
Mine ID: 42-01715
Citation/Order No. 728 3625
Date: 7-27-06
Regulation 77.502
1. Time violation observed 10:35
2. Violation Description AREA Light area oil storage area had been hit and had damaged control & entrance guard

3. LOCATION Oil storage Area

4. WHO KNEW THE CONDITION EXISTED?
( ) Unknown ( ) Foreman ( ) Other
Negligence? ( ) None ( ) Low ( ) Moderate
( ) High ( ) Reckless Disregard - Why Required

Inspection
Is the condition in a location that should have been seen by the mine examiner? ( ) Yes ( ) No
Regular traveled location? ( ) Yes ( ) No
Should have been detected by regular activity? ( ) Yes ( ) No
5. How long has the condition existed?
Long time / Recent / Damage
6. How many people are affected by the condition?
7. If an accident were to occur due to this condition how serious would it be?
No lost work days ( ) Last work days / Restricted duty ( )
Permanently disabling ( ) Fatal ( ) Other ( )
Why? [Inspection: Hazard]

8. What is the likelihood that this type of accident will occur at this mine?
No Likelihood ( ) Unlikely ( )
Reasonably Likely ( ) Highly Likely ( )
Occurred ( ) Other ( ) Why? Could not
Find Power or Light Assembly

Inspector's Initials: KB Page No. 2
Supervisor's Initials: KB Page No. 2
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Date: 8-11-06 Inspector's Initial: RB

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**ROOT CAUSE TO PROBLEM**

**KNOWLEDGE/TRAINING**

[ ] Did the miner know how to do the task?
[ ] Could the miner apply the knowledge?

**TOOLS/EQUIPMENT**

[ ] Were appropriate tools available?
[ ] Were the appropriate tools/EQ used?

**INCENTIVE**

[ ] Was correct performance punished?
[ ] Was incorrect performance rewarded?
[ ] Were consequences suitable?

**CAPACITY**

[ ] Physical ability?
[ ] Concentration?
[ ] Habits?

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8-27-06

Inspector's Initial: RB

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Date: 8-27-06

Supervisor's Initial: RB
Mine ID: 42-01715
Citation/Order No.: 2285677
Date: 7-27-06
Regulation: 77.502
1. Time violation observed: 10:50
2. Violation Description: Electrical inspections being done
3. LOCATION: Surface & Underground
4. WHO KNEW THE CONDITION EXISTED?
   ( ) Unknown ( ) Foreman ( ) Other
   Negligence? ( ) None ( ) Low ( ) Moderate ( ) High ( ) Reckless Disregard - Why Required
   Inspection
Is the condition in a location that should have been seen by the mine examiner? ( ) Yes ( ) No
   Regular traveled location? ( ) Yes ( ) No
   Should condition have been detected by regular activity? ( ) Yes ( ) No
5. How long has the condition existed?
   More than 1 year
6. How many people are affected by the condition?
7. If an accident were to occur due to this condition how serious would it be?
   No lost work days ( )
   Lost work days/Restricted duty ( )
   Permanently Disabled ( ) Fatal ( ) Other ( )
   Why: Brakes not energized + what electrical hazard?
  電流が流れたり電気危険はなかった
8. What is the likelihood that this type of accident will occur at this mine?
   No Likelihood ( ) Unlikely ( )
   Reasonably Likely ( ) Highly Likely ( )
   Occurred ( ) Other ( ) Why?
   AN ELECTRICITY 
   Inspector's Initials: RLS
   Supervisor's Initials: 

Mine ID: 42-01715
Citation/Order No.: 2285678
Date: 7-27-06
Regulation: 77.502
1. Time violation observed: 12:50
2. Violation Description: Electrical inspections being done
3. LOCATION: Surface & Underground
4. WHO KNEW THE CONDITION EXISTED?
   ( ) Unknown ( ) Foreman ( ) Other
   Negligence? ( ) None ( ) Low ( ) Moderate ( ) High ( ) Reckless Disregard - Why Required
   Inspection
Is the condition in a location that should have been seen by the mine examiner? ( ) Yes ( ) No
   Regular traveled location? ( ) Yes ( ) No
   Should condition have been detected by regular activity? ( ) Yes ( ) No
5. How long has the condition existed?
   More than 1 year
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   No lost work days ( )
   Lost work days/Restricted duty ( )
   Permanently Disabled ( ) Fatal ( ) Other ( )
   Why: Electrical Hazard
  電流が流れたり電気危険はなかった
8. What is the likelihood that this type of accident will occur at this mine?
   No Likelihood ( ) Unlikely ( )
   Reasonably Likely ( ) Highly Likely ( )
   Occurred ( ) Other ( ) Why?
   AN ELECTRICITY 
   Inspector's Initials: RLS
   Supervisor's Initials: 

Inspector's Initials: 
Supervisor's Initials: 
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Date: 7-28-06
Inspector's Initial: RB

Date: 7-28-06
Inspector's Initial: RB

Date:    
Inspector's Initial:    

DAILY COVER SHEET

DATE 8-7-06

ARRIVED AT THE MINE

DEPARTED FROM THE MINE

LIST RECORD BOOKS CHECKED: Gendell Mine, examination of ventilation equipment, Gendell belt per shift, Pre/On shift for General Min. Gendell, re-hydro data list.

ACCOMPANIED BY: COMPANY REP.

MINERS REP.

AREAS OF INSPECTION ACTIVITY:

Met with Jim Pruitt and looked over the permissibility check list that were generated as a result of issuing citation # 7285678, also reviewed records of training for implementing this new procedure - copy is included. Regimented checks listed are a step in the right direction. State that a comment area needs to be included so hands can communicate things that may need to be added to this list. Jim said that this is included in the sheet that will be filled out with record. I will abate this citation based on the information provided.

Checked sub-station to abate citations that

PAGE NO 1

MSHA Form 7000-1011, June 93 (revised)
were written in their citation # 7285676

were written on a 480 VAC breaker that
had access to the line side wire -
this breaker has been removed and
will be abated.

Also Jim ask me to look at citation
# 7285677. There were two 480 VAC circuit
breakers that were energized - further investigation
showed that there was no line load side
wires connected to these breakers - that no
exposure - I will modify this citation and
change from S/S to non S/S and terminate
the citation - they were energized and not
lobbed - 104(b) citation will stay for this citation.

Also ask to look at citation #

this box labeled for fuel pumps and yard
light would start & stop the #1 belt - it
turned out that the power supply for the remote
belt switch was wired into the load side
of that breaker - it was not labeled and power
to the remote switches and magnet switch
could be locked & tagged from these switches.
I will leave the S/S S/S because belt could
be started and stopped by the unmanned switch
and they did not know why or how until now.

INSPECTOR INITIALS RB  SUPV. D&E  WR WILHELM  PAGE NO. 2
The citation was issued - also the feed through was done from the load side of the breaker - which is not compliant with NEC.

Inspected electrical installations on dust sills and in surface shop and warehouses and office building.

East and South facing doors had a extension cord running to the motors that opened the doors. The East side door was 18' high and the end was 14'. The South door was 16' high and had a 12' extension cord.

Both of these were permanent installations and the power supply needs to be inside conduit. These doors can be opened and closed manually and have had the power supply removed and will only be used in the manual mode until conduit can be installed.

Inspected in yard and compressed gas storage area.

---

INSPECTOR INITIALS: RB
SUPERVISOR: D&I
DATE: 8-9-06
TIME: 10:30
CITED: 109-2b
TERMINATION DATE: 8-9-06
TIME: 9:00A

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Date 8-11-06  Inspector’s Initial RB

Supervisor’s D&I  Page No. 5

Date 8-10-06

Danger run on face, took air reading at 10X
Face: 430 FPM 148 cu ft
8' high 18.5 wide
x 440
6364 CFM

Only moving in 2 faces 6486 spad #
#1 face unburst had sign at last ray
also had DTI in the face - checked #2
face - in about 30' and unburst. Belts
were also down for a

Inspector's Initials: RB

MSHA Form 7000-10K, June 93 (revised)
Date 8-10-06

Reason not: #1
face last row of bolts tanged off DT+1
good 20.5 0.0 0.44
Checked hangers bolts.

Company number 13-1
57 094007

Appearance: 26 29 36 A-3
cab certification in place,
Checked panic bars one on each side.
Station 1 in cab 1 in
walkway - all worked well.
Checked all lights did not have any
problems.

Checked cable rollers.

Inspector's Initials: RB

MSHA Form 7000-10K, June 93 (revised)
Date 8-10-06

List Records Books Checked: Cowell Weekly
General Mine, Cowell felt lift
no hazards noted.
Accompanied by: Company Representative
Steve Radmell
Miners Representative: None

AREAS OF INSPECTION ACTIVITY:

Checked books for hazards
Checked conduct cable
on power supply to door
no citation
Traveled to South Main
section (b) (7)(C)
in face boss - undeveloped
rooms to be followed
Later did builment

Inspector's Initials: RB

MSHA Form 7000-10K, June 93 (revised)
Date 8-10-06

Arrival at the Mine: Departed from the Mine:

Event No. 4476247

Supervisor's Initials and Date: TRF 8-10-06 Page No. 2


MSHA Form 7000-10K, June 93 (revised)
Date 8-10-06

Arrival at the Mine: Departed from the Mine:

Event No. 4476247

Supervisor's Initials and Date: TRF 8-10-06 Page No. 3


Supervisor's Initials and Date: TRF 8-10-06 Page No. 3
Date 8-10-11

Pulled Power on machine
pulled all cable off
of cable reel, checked
entrance gland and
bend seal all looked

good.

Checked gage on
main controller and
start stop and light
switch all looked good
entrance glands that
could be, inspected
bend seals and man of
1/8 space - all looked

Good

Ckt for supervision
activity was checked and
OK.

Inspector's Initials RB

Date 8-10-06

Checked bolts on

back to transformer

did not find a problem

looked at tagged out

miner cable and checked

gage on controller on

1/4 Miner # 5062

Approval # 26 39968

09-17 CN 12-108 X

11:00 R Side Area Light

11:05 had Two packing

glands that were tight

and nearly flush - could

not insert 1/8" allen

wrench into opening

between light assembly

and packing nut.

Also had a left side

Monitor Initials RB

Date 8-10-06

checked light. Only had

about 3/16" opening

and could not insert

my 1/8" allen wrench.

Checked gage on

cutter. Dead controller

cables and entrance glands looked

good.

11:40 FIRE Sup did not

12:50 have

Monitor Initials RB

Page No. 4

Page No. 5

Page No. 6
actuated when the power was off. Machine attempted to actuate solenoid but did not. Hyd indicators showed red.

Gero stated that thy checked this system this morning - they stated that 2 x actuating this system and 16 hrs was required to recharge. Told thy current issue and lower door to recharge the accumulator in the system - we will try. Machine did work with RB.

power on. Also worked with Checket machine. 
water pressure 75 psi 
required less 80
all springs did work

Checket 5C company number 79 9 Juy 0
10Sc 32 - 500XX ES
approval # 26394BA-00. Generally the machine was clean
with no apparent oil leak. Cab certification was in place # 197953

All fire suppression actuation were good.

Checked engine box

RB
Mine ID: 42-01715
Citation/Order No. 735685
Date: 6-10-06
Regulation 75.503

1. Time violation observed 11:00
2. Violation Description 3 each fcgade not maintained, minimum of 1/2" clearance between light and fcgade

3. LOCATION South Main Section
Mine 92-5062

4. WHO KNEW THE CONDITION EXISTED?
( ) Unknown ( ) Foreman ( ) Other
Negligence? ( ) None ( ) Low ( ) Moderate

( ) High ( ) Reckless Disregard - Why Required
WEEKLY CHECK

Is the condition in a location that should have been seen by the mine examiner? ( ) Yes ( ) No
Regular traveled location? ( ) Yes ( ) No
Should condition have been detected by regular activity? ( ) Yes ( ) No

5. How long has the condition existed?
( ) Two or more shifts ( ) One shift ( ) Nine or less

6. How many people are affected by the condition?
( ) No one ( ) Shift or more

7. If an accident were to occur due to this condition how serious would it be?
No lost work days ( )
Last week/Restrict duty ( )
Permanently disabling ( )
Fatal ( )

8. What is the likelihood that this type of accident will occur at this mine?
No Likelihood ( ) Unlikely ( )
Reasonably Likely ( ) Highly Likely ( )
Occurred ( ) Other ( ) Why?

Inspector's Initials RB Page No. 5
Supervisor's Initials

Mine ID: 42-01715
Citation/Order No. 735685
Date: 6-10-06
Regulation 75.606

1. Time violation observed 13:05
2. Violation Description A six shuttle car cable had a 1/4" hole into energized cable and was running inside

3. LOCATION South Main, SC 9
26-3402-04

4. WHO KNEW THE CONDITION EXISTED?
( ) Unknown ( ) Foreman ( ) Other
Negligence? ( ) None ( ) Low ( ) Moderate

( ) High ( ) Reckless Disregard - Why

Is the condition in a location that should have been seen by the mine examiner? ( ) Yes ( ) No
Regular traveled location? ( ) Yes ( ) No
Should condition have been detected by regular activity? ( ) Yes ( ) No

5. How long has the condition existed?
( ) A shift or more

6. How many people are affected by the condition?
( ) No one ( ) Shift or more

7. If an accident were to occur due to this condition how serious would it be?
No lost work days ( )
Last week/Restrict duty ( )
Permanently disabling ( )
Fatal ( )

8. What is the likelihood that this type of accident will occur at this mine?
No Likelihood ( ) Unlikely ( )
Reasonably Likely ( ) Highly Likely ( )
Occurred ( ) Other ( ) Why?

Inspector's Initials RB Page No. 7
Supervisor's Initials

Mine ID: 42-01715
Citation/Order No. 735685
Date: 6-10-06
Regulation 75.606

1. Time violation observed
2. Violation Description

3. LOCATION

4. WHO KNEW THE CONDITION EXISTED?
( ) Unknown ( ) Foreman ( ) Other
Negligence? ( ) None ( ) Low ( ) Moderate

( ) High ( ) Reckless Disregard - Why

Is the condition in a location that should have been seen by the mine examiner? ( ) Yes ( ) No
Regular traveled location? ( ) Yes ( ) No
Should condition have been detected by regular activity? ( ) Yes ( ) No

5. How long has the condition existed?

6. How many people are affected by the condition?

7. If an accident were to occur due to this condition how serious would it be?
No lost work days ( )
Last week/Restrict duty ( )
Permanently disabling ( )
Fatal ( )

8. What is the likelihood that this type of accident will occur at this mine?
No Likelihood ( ) Unlikely ( )
Reasonably Likely ( ) Highly Likely ( )
Occurred ( ) Other ( ) Why?

Inspector's Initials Page No.
Supervisor's Initials
MSHA Form 7000-10K, June 93 (revised)

DAILY COVER SHEET

Date 8-15-06 Event No. 476747

Arrived at the Mine __________ Departed from the Mine __________

List Records Books Checked Re: Shift General

Miner for Crandell Weekly # 60F

Accompanied By: Company Representative

\[\text{Clark Atwood}\]

Miners Representative

\[\text{accompanied by} \]

AREAS OF INSPECTION ACTIVITY: (a) FL

(b) (7)(C) Books, no records listed traveled to South Mann

(b) (7)(C) did check

(b) (7)(C) did not check

Inspection area fl

decomposed shingle

8.45 min in x cut # 3 # 2 entry of So Mann - Gas Abatement

Inspector's Initials RB

Supervisor's Initials and Date 8-15-06 Page No. 1

MSHA Form 7000-10K, June 93 (revised)

Date 8-15-06

O - CH4

208 - O2

O - CO

took air reading

\[\text{LOX} \times 10\]

\[9:00 \times 46,968 \text{ Bon Rathy} \]

\[8.7 \text{ high } \times 20.\text{ wide} \]

\[160 \text{ sq ft} \]

\[66,000 \text{ CFM} \]

checked I 11 face and it did have a danger sign at last row of bolts and TDR stop

\[\text{checked standard} \]

\[\text{Shuttle Co. Company} \]

Inspector's Initials RB

Supervisor's Initials and Date 8-15-06 Page No. 2

MSHA Form 7000-10K, June 93 (revised)

Date 8-15-06

number 12 - 9 coke

car was also # 9

26 3761 A - 00

Jay Stv 16849 A

Pulled Power & locked

Tagged - checked winch control, gate did not find a problem

checked gate on conveyer motor did not find a problem

checked both transmits junction boxes and did not find a problem

checked both transmits motors as I could get wiggle - did not find a problem.
Date 8-15-06

[ Below the date, there are handwritten notes.]

Inspector's Initials: RB  
Supervisor's Initials and Date: ____________ Page No. 4
Machine had just been operated and
11:20 did not have a exhaust filter installed - when the core was removed
exhaust could be seen exiting the housing.
this was not a new filter in the section
the old one could not be found
11:25 the fire suppression
propellant bottle with the
relief valve was checked
valve was not mounted in the machine also
the new activator was not mounted in the machine
also the fuel shutoff
switch had the reset
devs broken off and
function of the switch
could not be checked.

Checked Stamiel #3
feeder company #
12919 all quantity
was in place - fire
suppression and activator
on both sides looked
good - did not remove
cover to inspect many
fire suppression bottle
checked GAII
sled Stamiel feeder company
#5 at the feeder break

Inspector's Initials  RB  Supervisor's Initials and Date  08-23-06  Page No. 7
"U.S. GPO 2005-752-00928"

Inspector's Initials  RB  Supervisor's Initials and Date  08-23-06  Page No. 8
"U.S. GPO 2005-752-00928"

Inspector's Initials  RB  Supervisor's Initials and Date  08-23-06  Page No. 9
"U.S. GPO 2005-752-00928"
Mine ID: 42-01715
Citation/Order No. 728-56587
Date: 9-13-86
Regulation 72-301 (c)
1. Time violation observed: 10:20
2. Violation Description: "The extent of the violations, of section 72.104, was not determined in the No. 4 area."
3. Location: Main South section

4. Who knew the condition existed?
- Unknown
- Foreman ( ) Other
- Negligence? ( ) None ( ) Low ( ) Moderate ( ) High ( ) Reckless Disregard - Why?

Is the condition in a location that should have been seen by the mine examiner? ( ) Yes ( ) No
Regular traveled location? ( ) Yes ( ) No
Should condition have been detected by regular activity? ( ) Yes ( ) No
5. How long has the condition existed?
- Unknown
- 6. How many people are affected by the condition?
- 7. If an accident were to occur due to this condition how serious would it be?
- No lost work days
- Days lost due to restricted duty ( )
- Permanent disabling ( ) Fatal ( ) Other ( )

8. What is the likelihood that this type of accident will occur at this mine?
- No likelihood
- Unlikely ( )
- Reasonably likely ( ) Highly likely ( )
9. What is the likelihood that this type of accident will occur at this mine?
- No likelihood
- Unlikely
- Reasonably likely
- Highly likely
- Occurred ( ) Other ( )

Inspector’s Initials: RB
Page No: 4
Supervisor’s Initials: 

Inspector’s Initials: RB
Page No: 5
Supervisor’s Initials: 

Inspector’s Initials: RB
Page No: 6
Supervisor’s Initials: 

Inspector’s Initials: RB
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Inspector’s Initials: RB
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Inspector’s Initials: RB
Page No: 10
Supervisor’s Initials: 

Inspector’s Initials: RB
Page No: 11
Supervisor’s Initials: 

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Date: 8-15-06
Inspector's Initial: RB

Supervisor's D&I Page No. 4

<table>
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Root Cause to Problem

Knowledge/Training

- Did the miner know how to do the task? (X)
- Could the miner apply the knowledge? (X)

Tools/Equipment

- Were appropriate tools available? (X)
- Were the appropriate tools/EQ used? (X)

Incentive

- Was correct performance punished? (X)
- Were consequences suitable? (X)

Capacity

- Physical ability? (X)
- Concentration? (X)
- Habits? (X)

Date: 8-15-06
Inspector's Initial: RD

Supervisor's D&I Page No.: 8

DATE 8-16-06

ARRIVED AT THE MINE

DEPARTED FROM THE MINE

LIST RECORD BOOKS CHECKED

ACCOMPANIED BY: COMPANY REP.

MINERS REP.

AREAS OF INSPECTION ACTIVITY:

Traveled to Max's mining to look at
Carmine 8.3 engine installed in Energy
West German Road grade Company #
23.151. Current Machine Hours 672
Present for MSHA - (b) (7)(C)

(b) (7)(C)

Removed insulation from valve cover
and inspected silicon insulation sealing
insulation - all looked good - inspected
head cover and did not find a problem.
Removed exhaust manifold and the
insulation encapsulating the head.

PAGE NO 1  INSPE Initial RB  SUPERVISOR D&I
looked like new. All exhaust ports were dry and there was no accumulation of coal dust and oil trapped between exhaust manifold and head. Removed insulation from around the valve cover - this was installed with red silicone and some damage was done removing this insulation. This section was not the original insulation. It was installed in addition to what was required around the exhaust ports. There was some water between the insulation that was applied to the head and the insulation that covered the valve cover.

Removed insulation around exhaust ports and everything was in very good. The insulation was damaged when removed, this exposed the fiber inside portion of the insulation - all of this was clean and showed no signs of damage, deterioration or absorption of oil or...
any other fluid. Removed bottom section.

Top insulation sections. Exhaust Port.

Bottom insulation sections.

Also damaged insulation, removing it. Top of head and bolts all were very clean and insulation did not show damage due to...
DAILY COVER SHEET

Date 8-17-06  Event No. 4976247

Arrived at the Mine: Departed from the Mine: 


Accompanied by: Company Representative: Clerk:  Atwood.

Miners Representative: 

AREAS OF INSPECTION ACTIVITY:

Traveled to South Man section and searched for imminent dangers in the face area. Checked face, they were mining in #1 & #2, #8 did not see a fault.

An accident in LOX 08:30 RPM = 22, 5 + 15

Inspector’s Initials: RB

Supervisor’s Initials and Date: 8-23-06  Page No. 2
Mine ID: 42-01715
Citation/Order No. 798,864
Date: 8-17-06
Regulation 75-110(1)
1. Time violation observed 09:15
2. Violation Description Section 6000, Section 111, 1 (g)
   No explosion protection.

3. LOCATION South Main Section 111

4. WHO KNEW THE CONDITION EXISTED?
   (X) Unknown ( ) Foreman ( ) Other
   Negligence? ( ) None ( ) Low (☑) Moderate ( ) High ( ) Reckless Disregard - Why Required
   Accidently.

   Is the condition in a location that should have been seen by the mine examiner? ( ) Yes ( ) No
   Regular traveled location? ( ) Yes ( ) No
   Should condition have been detected by regular activity? ( ) Yes ( ) No
   How long has the condition existed? ( ) More than 1 shift
   How many people are affected by the condition? ( )
   If an accident were to occur due to this condition how serious would it be?
   Last work days ( )
   Last work days/Restrict duty ( )
   Permanent Disability ( ) Fatal ( ) Other ( )
   Why? Reckless disregard.

5. What is the likelihood that this type of accident will occur at this mine?
   No Likelihood ( ) Unlikely ( ) Reasonably Likely ( ) Likely ( )
   Occurred ( ) Other ( ) Why? No contact with ground water.

Inspector's Initials: R.B.  Page No. 6
Supervisor's Initials: R.B.  Page No. 6

Mine ID: 42-01715
Citation/Order No. 798,869
Date: 8-17-06
Regulation 75-110(1)
1. Time violation observed 09:15
2. Violation Description Section 6000, Section 111, 1 (g)
   No explosion protection.

3. LOCATION South Main Section 111

4. WHO KNEW THE CONDITION EXISTED?
   (X) Unknown ( ) Foreman ( ) Other
   Negligence? ( ) None ( ) Low ( ) Moderate ( ) High ( ) Reckless Disregard - Why Required
   Accidently.

   Is the condition in a location that should have been seen by the mine examiner? ( ) Yes ( ) No
   Regular traveled location? ( ) Yes ( ) No
   Should condition have been detected by regular activity? ( ) Yes ( ) No
   How long has the condition existed? ( ) More than 1 shift
   How many people are affected by the condition? ( )
   If an accident were to occur due to this condition how serious would it be?
   Last work days ( )
   Last work days/Restrict duty ( )
   Permanent Disability ( ) Fatal ( ) Other ( )
   Why? Reckless disregard.

5. What is the likelihood that this type of accident will occur at this mine?
   No Likelihood ( ) Unlikely ( ) Reasonably Likely ( ) Likely ( )
   Occurred ( ) Other ( ) Why? No contact with ground water.

Inspector's Initials: R.B.  Page No. 6
Supervisor's Initials: R.B.  Page No. 6
Mine ID: 42-01715
Citation/Order No. 2285695
Date: 8-17-06

1. Time violation observed: 10:30
2. Violation Description: 2285695
   30 W y in man south sector
   P a r k e d at transformer station
   did not have required installation
   on start & transfer

3. LOCATION: Main South Transfer
   Exit Section

4. WHO KNEW THIS CONDITION EXISTED?
   ( ) Unknown ( ) Foreman ( ) Other
   Negligence? ( ) None ( ) Low ( ) Moderate
   ( ) High ( ) Reckless Disregard - Why Request

   Weekly inspection

   Is the condition in a location that should have
   been seen by the mine examiner? ( ) Yes ( ) No
   Regular traveled location? ( ) Yes ( ) No
   Could condition have been detected by regular
   activity? ( ) Yes ( ) No
   How long has the condition existed?

   more than 1 week

   How many people are affected by the
   condition?

   7. If an accident were to occur due to this
   condition how serious would it be?
   No lost work days ( )
   Lost work days/Restricted duty ( )
   Permanently Disabling ( ) Fatal ( ) Other ( )
   Why? S p a r k s or F i r e

   Result from a start to ground

8. What is the likelihood that this type of accident will
   occur at this mine?
   No Likelihood ( ) Unlikely ( )
   Reasonably Likely ( ) Highly Likely ( )
   Occurred ( ) Other ( )
   Why? S p a r k s or F i r e
   Under a 500 HP engine, could cause
   a fire

   Inspector's Initials: RB
   Page No.: 6

   Supervisor's Initials

Mine ID: 42-01715
Citation/Order No. 7285696
Date: 8-17-06

1. Time violation observed: 10:30
2. Violation Description: 2285696
   Company #10 had accumulations
   of fuel & coal under transfer
   pump

3. LOCATION: Main South X Exit

4. WHO KNEW THIS CONDITION EXISTED?
   ( ) Unknown ( ) Foreman ( ) Other
   Negligence? ( ) None ( ) Low ( ) Moderate
   ( ) High ( ) Reckless Disregard - Why Request

   Weekly inspection

   Is the condition in a location that should have
   been seen by the mine examiner? ( ) Yes ( ) No
   Regular traveled location? ( ) Yes ( ) No
   Could condition have been detected by regular
   activity? ( ) Yes ( ) No
   How long has the condition existed?

   more than 1 week

   How many people are affected by the
   condition?

   7. If an accident were to occur due to this
   condition how serious would it be?
   No lost work days ( )
   Lost work days/Restricted duty ( )
   Permanently Disabling ( ) Fatal ( ) Other ( )
   Why? A l i g n m e n t

   Result from a start to ground

8. What is the likelihood that this type of accident will
   occur at this mine?
   No Likelihood ( ) Unlikely ( )
   Reasonably Likely ( ) Highly Likely ( )
   Occurred ( ) Other ( )
   Why?

   Inspector's Initials: RB
   Page No.: 6

   Supervisor's Initials
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**ROOT CAUSE TO PROBLEM**

**KNOWLEDGE/TRAINING**

[ ] Did the miner know how to do the task?
[ ] Could the miner apply the knowledge?

**TOOLS/EQUIPMENT**

[ ] Were appropriate tools available?
[ ] Were the appropriate tools/EQ used?

**INCENTIVE**

[ ] Was correct performance punished?
[ ] Was incorrect performance rewarded?
[ ] Were consequences suitable?

**CAPACITY**

[ ] Physical ability?
[ ] Concentration?
[ ] Habits?

Date 8-17-06   Inspector's Initial RB
Supervisor's D&C

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**ROOT CAUSE TO PROBLEM**

**KNOWLEDGE/TRAINING**

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[ ] Could the miner apply the knowledge?

**TOOLS/EQUIPMENT**

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[ ] Was incorrect performance rewarded?
[ ] Were consequences suitable?

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[ ] Habits?

Date 8-17-06   Inspector's Initial RB
Supervisor's D&C

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**KNOWLEDGE/TRAINING**

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[ ] Could the miner apply the knowledge?

**TOOLS/EQUIPMENT**

[ ] Were appropriate tools available?
[ ] Were the appropriate tools/EQ used?

**INCENTIVE**

[ ] Was correct performance punished?
[ ] Was incorrect performance rewarded?
[ ] Were consequences suitable?

**CAPACITY**

[ ] Physical ability?
[ ] Concentration?
[ ] Habits?

Date   Inspector's Initial
Supervisor's D&C
Page No.

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Date 8-17-06

and 20.8 O² and
O ppm CO - allowed

Then to move scoop out
of face area to replace
controls.

9:15 Checked Gehl file
has been installed and
face suspensions has
been secured
At Kitchi Checked section assembly

Located #1 Each of light

09:35 and two side lights

Located 9:35 did not have a rubber

brushing where the light hit

enters the light assembly

Then are rubber light

assembly that they have

steel mounting brackets

Inspector’s Initials RB
Supervisor’s Initials and Date 10/8/2006 Page No. 4

Date 8-17-06

- The wheels also the

pilot arm and

steering idler had

in excess of 3/4”

free play on them.

- This machine

was not tested and

should be asked about this truck

- He said that the truck

was bad - nothing else.

- 10:00 status had was

not insulated

- Abnormal 10:18

At x no 1 in South Maine

inspected since 10:57, found a

fuel leak at R side of machine

off of fuel transfer pump. fuel had
Date 8-17-06

MSHA Form 7000-10K, June 93 (revised)

Also has oil leak R & Burn accumulated 1/2 day.
in a area 4" wide x 7" long also wore coal and
and area also accumulated in the belly pan under this
engine. The belt fitting on the fuel transfer pump
was wet and clean
from fuel leaking 7"
of clear hose conduit
from to the belly pan.
check for spill OK, checked
mental stir. OK, checked
for spill OK. Balance of
machine looked OK.
Checked # 1 Main
South Hill Drive.

MSHA Form 7000-10K, June 93 (revised)

Date 8-17-06

Guarding at crossing
looked good. Fire
extinguisher at four
patch at # 2 x cut
looked good

Checked belt transformer
at x cut # 2, DTV
was good. Had fire
extinguisher good on
each end - phone
worked. All wires
were identified and
looked good.
# 2 Power Pack
looked OK
fire outlets were
marked

11:35 lost Power from

MSHA Form 7000-10K, June 93 (revised)

Date 8-17-06

Check with Ted on the
11:25 fire deluge at
drive motors were
1/2" hydraulic hose
and not securely
mounted. A "T" with
2ea. 2" hose would
not give coverage to
motor when activated

Inspector's Initials RB
Supervisor's Initials and Date 8:23:06 Page No. 7

Inspector's Initials RB
Supervisor's Initials and Date 8:23:06 Page No. 8

Inspector's Initials RB
Supervisor's Initials and Date 8:23:06 Page No. 9
8-17-06

Off - back on later
need to evacuate
3. LOCATION 417 West in Sout Mains

4. WHO KNEW THE CONDITION EXISTED?
   (o) Unknown ( ) Foreman ( ) Other
   Negligence? ( ) None ( ) Low ( ) Moderate ( ) High ( ) Reckless Disregard - Why?
   "No OP & WEAK EXAM SHOUL D DIRECT"

Is the condition in a location that should have been seen by the mine examiner? ( ) Yes ( ) No
Regular traveled location? ( ) Yes ( ) No
Should condition have been detected by regular activity? ( ) Yes ( ) No
5. How long has the condition existed?
   More than 1 day

6. How many people are affected by the condition?
   7

7. If an accident were to occur due to this condition how serious would it be?
   No lost work days ( )
   Last work days/Restricted duty ( )
   Permanently Disabling ( ) Fatal ( ) Other ( )
   Why? ( ) Other ( )
   ( ) It was still in operation.

8. What is the likelihood that this type of accident will occur at this mine?
   No Likelihood ( ) Unlikely ( ) Reasonably Likely ( ) Likely ( )
   Occurred ( ) Other ( ) Why? ( )

Inspector's Initials: RIB
Supervisor's Initials: CRB
Page No.: 8
DATE 8.18-06

ARRIVED AT THE MINE _______________
DEPARTED FROM THE MINE _______________

LIST RECORD BOOKS CHECKED:
Pre Shift/2nd Shift for General Mgr;
Cassell Weekly, Cassell Bell - no records listed.

ACCOMPANIED BY: COMPANY REP.

MINERS REP.

AREAS OF INSPECTION ACTIVITY:

Checked Eimer 755 in shop - oil and fuel
levels have been fixed, citation abated.
Parts for #30 Loader not at mine and
10 days will be needed just to get parts - extended this citation 11 days.

PAGE NO. ___________  INSP INITIAL ___________  SUPERVISOR D&F ___________ 8.23-06
CRANDALL MINE
DAILY COVER SHEET

DATE 8-21-06  EVENT NO. 4476 247
ARRIVED AT THE MINE  DEPARTED FROM THE MINE

LIST RECORD BOOKS CHECKED
listed oil accumulations at draw #1, Coal accumulations at #5 s South, continue.

ACCOMPANIED BY:  COMPANY REP.  Jim Pruitt

MINERS REP.  None

AREAS OF INSPECTION ACTIVITY:

Mines - all conditions list that men are working on them - will go and check.

Traveled to South Mines #1 belt drive and checked water deluge function test - actuated fire suppression and it shut down belt - had 6 each naypols that did not blow off.

Bottom Rail

Page No 1  INSPE Initial RB  Supervisor D&I
DATE 8-21-06

½" T fitting

Side View

outly Motor

Inly Motor

Wate sprays for the belt drive motor were
not installed to direct wa water spray onto
the belt drive motor as required leg 75-
the spray for the outly Motor did not hit motor
when actuated. There was no support for the
2' long hose attached to a "T" attached to the
½" supply line.

They added 1 additional spray to the drive motor
and installed falcons on the problem faucet
to correct the problem. Also had to clean rust
out of pipe & sprays on top take inside side

Altered at 11:30

Checked South Man's overcast that was
written up in the Belt Book. It had
been cleaned and looked good. This overcast
in 100' outly Man south #1 drive.
Traveled to 68 xcut main west to drive # 4, check what was listed in books.

Checked for coal accumulations around # 3 drive and tail piece all good. Check drive motors on off walkway side and found oil accumulation on in by fluid coupling. A motor was not installed. Area inside fluid coupling was wet with oil and inside gasketing was accumulated with oil & coal dirt. Core was 2.3" x 2.3", oil on bottom was wet. Did not measure depth could not get in there unless we shut drive down. Jim worked this area out with work tool.

Found power conductor & missing drive motor top up and laying on ground. Followed it to belt controller where both motor leads were controlled by 1Box - opened box and confirmed it was disconnected inside.

Balance of drive looked good.

Traveled to # 1 drive to check on oil accumulations listed in book. Did not find a problem with oil accumulations. Checked fire extinguishers all OK. Did not function test for deluge - looked OK. Checked 500' of fire hose OK.

DATE 8-21-06
Date: 8-29-06

Walked # 6 Belt from Main South to drive - Observed new fire hydrant installed on walk
line - spacing looked good - Man do not understand spacing looked good - ducted and cheered - did not find
at 9:15 found bottom roll
Abled at # 6 drive about
3:25 60' Only drive
roller - bottom roll
forge and not turning
Measured 1" Indent
felt spot on roller

Inspector's Initials: RB

Date: 8-29-06

did not see any evidence of heat
Belt was very well
Traveled # 4 Belt from tail face to drive - Belt was ducted good - All men down marked and spaced good
fire hydrants spaced good - No accumulators - A bad vehicle - did gas check 9:50
02: 20.8, CO: 0,
CH4: 0
Air was O
# 5 Belt is not in service yet

Inspector's Initials: RB
Belt #3 TD+1 at drive did find another set of TD1 about 1/2 way not a main door.

Look spacing and fire hydrant looked good - opened one valve and had more than the required 50-50. Found many worn rollers and hangers - did not find any accumulation.

Belt looked good and they have been working on it.

Inspector's Initials: RB
Supervisor's Initials and Date: 
Page No.: 4
Mine ID: 42-01715
Citation/Order No.: 7285700
Date: 8-29-06
Regulation: 75.1725 (q)
1. Time violation observed: CA: 15
2. Violation Description: Bottom Roller
   Slack + No Turning - 1" Flat
   Spot work on Roller
3. LOCATION: 60' in by #6 drive

4. WHO KNEW THE CONDITION EXISTED?
   ( ) Unknown ( ) Foreman ( ) Other
   Negligence? ( ) None ( ) Low ( ) Moderate
   ( ) High ( ) Reckless Disregard - Why had been
   that way long enough to wear, might be?
   Is the condition in a location that should have been seen by the mine examiner? ( ) Yes ( ) No
   Regular traveled location? ( ) Yes ( ) No
   Should condition have been detected by regular activity? ( ) Yes ( ) No
   5. How long has the condition existed?
   Weeks
6. How many people are affected by the condition?
   7.
7. If an accident were to occur due to this condition how serious would it be?
   No lost work days ( )
   Lost work days/Restrictive duty ( )
   Permanently Disabled ( ) Fatal ( ) Other ( )
   Why could have been up & cause a
   8. What is the likelihood that this type of accident will occur at this mine?
   No Likelihood ( ) Unlikely ( )
   Reasonably Likely ( ) Highly Likely ( )
   Occurred ( ) Other ( ) Why? Fatal was wet
   + no measurable heat was
   detected
   Inspector's Initials: RB
   Page No.: 2
   Supervisor's Initials: 

Mine ID: 42-01715
Citation/Order No.: 7285701
Date: 8-29-06
Regulation: 75.1725 (q)
1. Time violation observed: 12:00
2. Violation Description: All Bottom Rollers
   Missing in tail Race 6' flat
   Redi CO cross members
3. LOCATION: #1 belt tailpiece

4. WHO KNEW THE CONDITION EXISTED?
   ( ) Unknown ( ) Foreman ( ) Other
   Negligence? ( ) None ( ) Low ( ) Moderate
   ( ) High ( ) Reckless Disregard - Why had been
   longer than usual?
   Is the condition in a location that should have been seen by the mine examiner? ( ) Yes ( ) No
   Regular traveled location? ( ) Yes ( ) No
   Should condition have been detected by regular activity? ( ) Yes ( ) No
   5. How long has the condition existed?
   Weeks
6. How many people are affected by the condition?
   7.
7. If an accident were to occur due to this condition how serious would it be?
   No lost work days ( )
   Lost work days/Restrictive duty ( )
   Permanently Disabled ( ) Fatal ( ) Other ( )
   Why could cause a belt fire?
8. What is the likelihood that this type of accident will occur at this mine?
   No Likelihood ( ) Unlikely ( )
   Reasonably Likely ( ) Highly Likely ( )
   Occurred ( ) Other ( ) Why? Heat up &
   steel had been deposited on a
   moving belt could cause a fire
   Inspector's Initials: RB
   Page No.: 3
   Supervisor's Initials: 

Mine ID: 42-01715
Citation/Order No.: 7285702
Date: 8-29-06
Regulation: 75.1725 (q)
1. Time violation observed: 12:35
2. Violation Description: Bottom Roller
   Hanging, was away, had a
   3. Location in center of the
   Belt, which had become burning
3. LOCATION: X c'th #16 & 16

4. WHO KNEW THE CONDITION EXISTED?
   ( ) Unknown ( ) Foreman ( ) Other
   Negligence? ( ) None ( ) Low ( ) Moderate
   ( ) High ( ) Reckless Disregard - Why had been
   longer than usual?
   Is the condition in a location that should have been seen by the mine examiner? ( ) Yes ( ) No
   Regular traveled location? ( ) Yes ( ) No
   Should condition have been detected by regular activity? ( ) Yes ( ) No
   5. How long has the condition existed?
   Several days
6. How many people are affected by the condition?
   7.
7. If an accident were to occur due to this condition how serious would it be?
   No lost work days ( )
   Lost work days/Restrictive duty ( )
   Permanently Disabled ( ) Fatal ( ) Other ( )
   Why? Could cause a belt fire?
8. What is the likelihood that this type of accident will occur at this mine?
   No Likelihood ( ) Unlikely ( )
   Reasonably Likely ( ) Highly Likely ( )
   Occurred ( ) Other ( ) Why? Heat up &
   steel had been deposited on a
   moving belt could cause a fire
   Inspector's Initials: RB
   Page No.: 4
   Supervisor's Initials: 
DATE 3-31-06

and has not been

seen yet but is close
to being done. Main
doors and five skips
are installed & spliced
properly. Alreadly, brake
is set up on the lift.

this section is scarf
and feeder is tagged
Out of Service. This
Main west section is
being set up so they
can produce coal
but is not in produc
status yet. TD #1
along mine area

is good.

Inspector's Initials RB

Supervisor's Initials and Date

Page No. 6

Citation/Order No. 728-5704
Date: 10-3-06
Regulation 75-350 (W) (M) (i)
1. Time violation observed 19:00
2. Violation description Top had fallen in maroon walkway of return escape way
3. Location 100' into mine face

4. Who knew the condition existed?
( ) Unknown ( ) Foreman ( ) Other
Negligence? ( ) None ( ) Low ( ) Moderate ( ) High ( ) Reckless Disregard - Why
Is the condition in a location that should have been seen by the mine examiner? ( ) Yes ( ) No
Regular traveled location? ( ) Yes ( ) No
Should condition have been detected by regular activity? ( ) Yes ( ) No
5. How long has the condition existed?
6. How many people are affected by the condition?
7. If an accident were to occur due to this condition how serious would it be?
No lost work days ( )
Lost work days/Restricted duty ( )
Permanently Disabling ( ) Fatal ( ) Other ( )
Why? Required ventilation devices
8. What is the likelihood that this type of accident will occur at this mine?
No Likelihood ( ) Unlikely ( ) Reasonably Likely ( ) Highly Likely ( )
Occurred ( ) Other ( ) Why? Answer added get around it
9. What is the likelihood that this type of accident will occur at this mine?
No Likelihood ( ) Unlikely ( ) Reasonably Likely ( ) Highly Likely ( )
Occurred ( ) Other ( ) Why?

Inspector's initials RB
Supervisor's initials
<table>
<thead>
<tr>
<th>TYPE OF PROBLEM</th>
<th>CITATION #</th>
<th>TYPE OF PROBLEM</th>
<th>CITATION #</th>
<th>TYPE OF PROBLEM</th>
<th>CITATION #</th>
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</thead>
<tbody>
<tr>
<td>EXAMINATION</td>
<td>[ ] No examination</td>
<td>[ ] Deficient examination</td>
<td>[ ] Improper examination</td>
<td>[ ] No examination</td>
<td>[ ] Deficient examination</td>
</tr>
<tr>
<td>INSTALLATION</td>
<td>[ ] Lack of required installation</td>
<td>[ ] Improper installation</td>
<td>[ ] Lack of required installation</td>
<td>[ ] Improper installation</td>
<td>[ ] Lack of required installation</td>
</tr>
<tr>
<td>CORRECTION</td>
<td>[ ] Not being recognized</td>
<td>[ ] Not reported</td>
<td>[ ] Not corrected if reported</td>
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<tr>
<td>ROOT CAUSE TO PROBLEM</td>
<td>[ ] Did the miner know how to do the task?</td>
<td>[ ] Could the miner apply the knowledge?</td>
<td>[ ] Tools/equipment</td>
<td>[ ] Were appropriate tools available?</td>
<td>[ ] Were the appropriate tools/EQ used?</td>
</tr>
<tr>
<td>KNOWLEDGE/TRAINING</td>
<td>[ ] Did the miner know how to do the task?</td>
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<td>[ ] Were appropriate tools available?</td>
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<tr>
<td>CAPACITY</td>
<td>[ ] Physical ability?</td>
<td>[ ] Concentration?</td>
<td>[ ] Habits?</td>
<td></td>
<td></td>
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</tbody>
</table>

Date: 9-5-06
Inspector's Initial: RB

 Supervisor's D&I: 
Page No. 12

Date 9-5-06
9:30

22' wide x 9' high
198 sq ft
205 fpm
40590 cfm

for bore reading
day in regulates with high speed air movers
43,630 took my reading about 15'

in at 600 face and signal

checked at 9:30
CO: 0 ppm
O2: 20.8
CH4: 0 ppm

Checked ID+1 in return area

Inspector's Initials: RB
Supervisor's Initials and Date: 9-11-06
Page No. 1
Date 9-5-06

good. Personnel were sealed - this in a cradle block seal and in covered good with mine sealant - 5 gal bucket - Eagle seal
Ventilation of seal was good. P test and test point in seal.
#2 seal vented by good 10:20 gas check
O₂ = 20.8 % CO = 0ppm
CH₄ = 0 ppm TDI = 0K
Steel 4" pipe through seal with #2 TDI, shut off valve on it said to be for returning into scale - ?

Inspector's Initials RB

Date 9-5-06

#3 Seal vented by good TDI gas check
O₂ = 20.8 % CO = 0ppm
CH₄ = 0 ppm

#4 seal vented by good, P test in the seal on bottom
10:27 Gas check
O₂ = 20.8 % CO = 0ppm
CH₄ = 0 ppm

sealed good and recently been retested with versus forms. TDI's good.
Back in main return X cut 57 TDI
Look good - dust looker

Inspector's Initials RB

Date 9-5-06

good escape room with reflector and cone has been installed all the way so far.
Reflectors for doors all marked good so far.
Check Pump at X cut 47 fire ext was good - gaps on switch were good - led some wire on cable glands all looks good.
TD #1 was good.
Checked Pump rental
9-5-06

Box at X cut 44
Main west gap ok
scale in place - fire
gap ok in place and os
Checked Pump at
X cut 39 MA Riting
gap 1 and lad scale good
till good TD+1

X cut 20 in low Top
TD+1 not by done

Turned off of
Main West to check
old Main North Scale
TD+1 at intersection
looked good - Tempest
to scale and inspect

RB

12:06 checked #2 seal. Gas check
02 = 20.8 CO = 0.0
CH4 = 0.0 TD 1
good - 6" steel pipe
through seal with
1/2 Vict Valve - also
had a 1/4" copper test
Tube went to steel加分
on bottom of seal.

Checked #3 seal
12:13 Gas check 02 = 20.8
CO = 0 PPM
CH4 = 0 PPM
DT 1 good - seal work
, ventilated - 6" steel
pipe through seal with
1/2 Vict Valve also had
1/4" copper tube with why
Date 9-5-06

Checked #4 seal
TD1 Ox 12:30
Gas Check 0°2 - 20.4
CO = 0 PPM CH4 = 0 PPM
6' seal 6' steel jack
through stoper with 1/4 turn Vic Valve
on them, 2 ea 1/2" stoper test tube one
smashed flat, one has
shut off valve.

Returned to Main
West Return and
traveled to Turn
outs. Main North
DT1 looked good
slanted and slightly
maintained all the
way.

Inspector's Initials RB
Supervisor's Initials and Date Page No. 6

Date 9-5-06

Left Main North
return and traveled
over to Main East
seal - they are
rub block seal covers
with sealer.
13:10 Checked #1 seal
O2 = 20.0 CO = 0 PPM
CH4 = 0 PPM
DT1 Ox
One P tube in
seal and 1/4 " Vic
1/4 Turn Valve in
closed Junction.
13:15 Checked #2 seal
O2 = 20.4 CO = 0 PPM
CH4 = 0.0 PPM

Inspector's Initials RB
Supervisor's Initials and Date Page No. 11

Date 9-5-06

DT1 good seal
ventilated

Checked #3 seal
13:25 Took Gas Check
104A O2 = 20.3 CO = 0
CH4 = 0 PPM

Seal more pushing
air from behind it
out into entire -
along the end walls.

Inspector's Initials RB
Leaking AREA
Air could be felt with
your hand and also
be heard - foamy had been spread in this area but air was blowing out from underneath. Did not get any low O₂ or any other gases leaking out of seal - used this.

Checked #4 Seal

13:40 This seal is leaking a lot of air but can't be heard. Air could be both hand and foot. New foam was used in the area but was still leaking. Took you.

14:00 Escaping 100' into mile front.

Inspector's Initials: RB

Supervisor's Initials and Date: Page No. 13

Date: 9-5-06

Test and got O₂ = 20.2
0 PPM CO and
0 PPM CH₄

DT & I was good and seal was ventilated - efforts have been made to correct this problem.

Returned to main north return and continued to surface.

Checked Palf and switch at #15.

North Return looked good TDI and fire and looked good.

14:00 Escaping 100' into mile front.

Inspector's Initials: RB

Supervisor's Initials and Date: Page No. 14
Date: 9-5-06

GPM: 2265 - 15 correction

factor X 111 area

243,090 gpm

Inspector's Initials: RB

Supervisor's Initials and Date: Page No. 16
Date: 9-8-06

Co: 0.3 
O2: 20.1

From 06-06-06

Used and Feeding

Guarded # 9 and 10

Check # 4 9-7-06

CO: 0.2
O2: 19.4

Aired

Approved

Check # 788-247

Date: 9-8-06

MSHA Form 7000-01

Page No. 1

Page No. 2

Page No. 3
Date: 9-11-06
Arrived at Caneele Canyon Mine met Jim Pratt
Safety met at the Explosive magazines. He was doing
inventory on the explosive
and Cap magazines were
examined no problems found.

We then went to the 103
Miner's office to what needed,
to be completed in the 201
inspection.

Walked over the both town
Cheek in the check
Pre-shift/post shift record
Books and weekly exam book.

Dr. made a trip in
the main head gear
mine.

Inspector's Initials: T.T.

Supervisor's Initials and Date: ___________________________  Page No. 1


Page No. 2
Date 9-11-06

Para was on the transformer and a check of it found all cables marked and identified OK.

The Pre-shift examination was not done on this transformer for the day shift as indicated by 75-360 R(9) no one is in this area so no one working in section at this time. Non-OPR donated 1040 hours.

Walked to and checked Old #1 Right Scale

#1 DT# 1 20.69.02
0% City OP & Co 1040.82
#2 DT# 1 20.69.02
0% City OP & Co 1040.82
#3 DT# 1 20.69.02
0% City OP & Co 1040.82

Walked down to #29

Inspector's Initials T.C.T.
Page No. 4

Supervisor's Initials and Date
Orientation due 12:00 a.m.
9-12-06 - Roadway was cleared while observed. Silica will take some time to clear up and mine inspector at last stop at pillar southwest Mining cycle stop.

Chute Cleaning Station Battery

Suspended mine support on

On this checking of check:

1. First Aid
2. Escape Map
3. Chemical Tent
4. Portable Water
5. Communication
6. Heat Lamp/Microwave
7. Oil Storage OK

Drive to 137 East
and check seal.

Date 9-11-06

Inspector's Initials TTV

Supervisor's Initials and Date

Page No. 8
DAILY COVER SHEET

Date: 9/11/2006

Except as previously noted, in all areas traveled during today's inspection, DT&I's sufficient and up to date. No low O₂ or CH₄ detected beyond normal range. Roof and Rib support appears adequate. Ventilation Controls in place. Air flowing in the proper direction and Velocities are adequate. Clean up and Rock Dust adequate with no combustible materials present. Fire suppression equipment in place as required.

Inspectors Initials

Supervisors Initials and Date
Date 9-12-06

Drive underground to the South Main Section Check in at accumulation ejection 0920 hrs.

Accumulation stand up.

Move tailpump back and feed to the cross-cut.

Drive to 1st Right Seal.

#4 09:02 hrs DTE 1's

20.9% O2, 0% CH4 Open CO

#6 09:54 hrs DTE 1's

20.9% O2, 0% CH4 Open CO

Pump at 3 water coming out of trap. Pump instillation checked out OK.

Inspector's Initials

U.S.G.O. 2001 — 205-238

MSHA Form 7000-10K, June 93 (revised)
EXCEPT AS PREVIOUSLY NOTED, IN ALL AREAS TRAVELED DURING TODAY'S INSPECTION, NO UNWANTED DANGEROUS SITUATIONS ARE SUFFICIENT AND UP TO DATE. NO LOW O2, CH4, NO2 OR CO DETECTED BEYOND NORMAL RANGE.

ROOF AND RETAIL SUPPORTS APPEAR ADEQUATE. EXHAUSTION CONTROLS IN PLACE, AIR FLOWING IN THE PROPER DIRECTION AND RESTRICTIONS ARE ADEQUATE. ELECTRICAL AND FLUIDS VENT ADEQUATE WITH NO COMBUSTIBLE MATERIALS PRESENT. FIRE SUPPRESSION EQUIPMENT IN PLACE AS REQUIRED.
Date: 9-18-06

Arrived Great Valley Mine

Nablized Conspec Person that I would be at the book room and to let Jim Buell, Safety Director know if there was a minus property and would be going over his record books:

1. Churches Map and Plans and

2. Pre-shift stew

3. Fire Drill

4. Yearly record for test of fire

5. Yearly record of inspector

6. Automatic warning device system and fire system yearly test

Inspector's Initials: TIT

Supervisor's Initials and Date: Page No.

Page No. 2

U.S.G.P.O.: 2001 - 025-038
MSHA Form 7000-101, June 93 (revised)

DAILY COVER SHEET

Date 9-22-06  Event No. 44248247

Arrived at the Mine  Departed from the Mine

List Records Books Checked

Pre-Shift - Weekly

Accompanied by:  Company Representative

Booster Alr Eo, Safety

Miners Representative

Areas of Inspection Activity:

EOS - Crandall Canyon

Meet with (b) (7)(C)

Inspector's Initials

TRAVEL TO SEAL OF MAIN NO. 2 - CUT OUTBY - CITATION # 7183809 ON A SPOT ROCK DUST SURVEY IS ABATED AT 0830. THE AREA WAS ROCK DUSTED

TRAVEL TO 1ST SO. MAIN'S AREA - WALKED THE BLEEDER AREAS. FOLLOW outlines AREAS 1ST SO. MAIN'S AREA 3/4 EAST AREA 3RD LEFT 1/3 1ST WEST HEAD GATE AREAS

Inspector's Initials

Date 9-27-06

Area (7)(C) just came back to the mine—we reviewed citations that were issued over the INSPECTION. No negative comments. INSPECTION CLOSED.

Travel to Surface
Check score CSE vs.
58912 7/98 vs. 50017 7/97
58972 8/91 vs. 7386 1/98
59932 7/98 vs. 59936 9/98
513647 01/98 vs. 50921 06/97

HAD CLOSE OUT MEETING

(b) (7)(C) 1

Inspector's Initials

Page No.

U.S. GPO: 2004-642-912
<table>
<thead>
<tr>
<th>TYPE OF PROBLEM</th>
<th>CITATION # 7285697</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXAMINATION</td>
<td></td>
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<tr>
<td>- No examination</td>
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<tr>
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<td></td>
</tr>
<tr>
<td>- Not corrected if reported</td>
<td></td>
</tr>
</tbody>
</table>

**ROOT CAUSE TO PROBLEM**

**KNOWLEDGE/TRAINING**
- Did the miner know how to do the task?
- Could the miner apply the knowledge?

**TOOLS/EQUIPMENT**
- Were appropriate tools available?
- Were the appropriate tools/EQ used?

**INCENTIVE**
- Was correct performance punished?
- Was incorrect performance rewarded?
- Were consequences suitable?

**CAPACITY**
- Physical ability?
- Concentration?
- Habits?

---

**Date: 8-24-06**
**Inspector's Initial: RB**

**Supervisor's O&I**

---

**Date: 8-24-06**
**Inspector's Initial: RB**

**Supervisor's O&I**
PERMISSIBILITY

June 2006

HUGH ARRIOTTI

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

SIGNATURE

SIGNED: ____________________________ DATE: 6-24-06
# Inspection of Permissible Diesel Equipment (Heavy Duty)

<table>
<thead>
<tr>
<th>Intake Air System, Check for Damage or Altered, Copper Gasket in Good Condition, Intake Flame Arrester Clean, No Excessive Openings .016 Inch Filament Type, No Hole Type Do Light Test</th>
</tr>
</thead>
<tbody>
<tr>
<td>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</td>
</tr>
<tr>
<td>Check Shut Down, Intake Vacuum Not to Exceed 25&quot; of Water at Full Throttle, Exhaust Back Pressure at Full Throttle Not to Exceed 34&quot; 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</td>
</tr>
<tr>
<td>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</td>
</tr>
<tr>
<td>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 Conducts are Flame Resistant, Cables and Conducts are Protected from Damage, Explosion Proof Compartment, 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</td>
</tr>
</tbody>
</table>

# Inspection of Non-Permissible Diesel Equipment (Heavy and Light Duty)

<table>
<thead>
<tr>
<th>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</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety Shut Down Systems Are Operational, Fuel Shut of Valves in Good Condition and Location is Correct</td>
</tr>
<tr>
<td>Equipment Is Free of Oil, Coal, Fuel Accumulations, Starter Fluid Is in Proper Container</td>
</tr>
<tr>
<td>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</td>
</tr>
<tr>
<td>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 Gate, Braking System and Stop Machine, Within 5 Seconds of Engine Shut Down (Heavy Duty Only)</td>
</tr>
</tbody>
</table>
PERMISSIBILITY MUST BE SIGNED AND DATED

<table>
<thead>
<tr>
<th>DATE</th>
<th>EQUIPMENT</th>
<th>CONDITION</th>
<th>ACTION TAKEN</th>
<th>INITIAL'S</th>
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<tbody>
<tr>
<td>6/24</td>
<td>NEW D-9 CAT</td>
<td>OK</td>
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</tr>
<tr>
<td></td>
<td>KOMATSU LOADER</td>
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<td></td>
<td>LOAD-OUT BUILDING</td>
<td>OK</td>
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<tr>
<td></td>
<td>RECLAIM BELT</td>
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<td>RECLAIM TUNNEL</td>
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<td>STACKING TUBE</td>
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<td></td>
<td>DRAW OFF TUNNEL</td>
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<td></td>
<td>TOOL SHED</td>
<td>OK</td>
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<td></td>
<td>OIL STATION</td>
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</tr>
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<td></td>
<td>AREA LIGHT'S ON SURFACE</td>
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<td></td>
<td>CRUSHER BUILDING</td>
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<td></td>
<td>MCC BUILDING</td>
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<tr>
<td></td>
<td>BOBCAT</td>
<td>OK</td>
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<tr>
<td></td>
<td>320 LOADER</td>
<td>005</td>
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</table>

NOTE'S

LIST ALL ELECTRICAL HAND TOOL'S

<table>
<thead>
<tr>
<th>DATE</th>
<th>TOOL</th>
<th>CONDITION</th>
<th>ACTION TAKEN</th>
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</table>
PERMISSIBILITY WEEKLY DATE ENDING 1/22

16 July 2006

ISRAEL PETERSEN

# 5 & 7 848 BATTERY CAR'S
BELT PORTAL DUSTER
BELT PORTAL MAGNET'S & CONTROLLER'S
MAIN LINE TRICKLE DUSTER'S
DIESEL GENERATOR

SIGNATURE

SIGNED DATE 7-20-06
## Inspection of Permissible Electrical Equipment

<table>
<thead>
<tr>
<th>Inspection Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trailing cable short circuit protection setting</td>
<td>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.</td>
</tr>
<tr>
<td>Cable reels sheaves turn freely, sharp edges on flanges, reel is insulated, proper reel tension, strain clamp has extra insulation, strain clamp installed properly.</td>
<td></td>
</tr>
<tr>
<td>Controllers, motors, explosion proof compartments, for excessive openings of flame path, diamestral clearance of shafts, missing bolts, lock washers, flat washers, general condition of compartment</td>
<td></td>
</tr>
<tr>
<td>Cable packing glands, check for proper packing, min. 1/8&quot; between packing gland and stuffing box, wire seal or locking device installed to secure against loosening, conduit properly clamped, gland not damaged.</td>
<td></td>
</tr>
<tr>
<td>Intermediate cables have no splices, conduits are in good condition, marked flame resistance, properly clamped on gland, separate from hyd. hoses, and protected from damage.</td>
<td></td>
</tr>
<tr>
<td>Check lights for operation, lights secured down, light lens not defective, lens secured by lock device lights in good condition</td>
<td></td>
</tr>
<tr>
<td>Check for proper operation of circuit breakers, overload protection, proper operation of electrical circuits, emergency stop controls, switch operations</td>
<td></td>
</tr>
<tr>
<td>Check for proper 2g approval plate, x/p tags on explosion proof enclosures, cab certification tag</td>
<td></td>
</tr>
<tr>
<td>Check for proper operation of parking brakes, service brake operation</td>
<td></td>
</tr>
<tr>
<td>Check for oil, coal, grease accumulations on machine, proper guarding of rotating parts to prevent personal injury</td>
<td></td>
</tr>
<tr>
<td>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</td>
<td></td>
</tr>
<tr>
<td>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.</td>
<td></td>
</tr>
</tbody>
</table>

**Comments:**
# 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 suppression systems are operative and wired correctly. To remove power from equipment or engine, shut down. Nozzles are protected and in 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 metal walls.

- **EQUIPMENT GUARDS**: Are in place and secured. Openings in electrical controllers plumbed 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 lockout 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 cables, 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 = Ampacities size for cable.

- **EQUIPMENT FREE OF ACCUMULATIONS**: 24" clearance around all sides, no roof and rib hazards. Area well rock dusted.
<table>
<thead>
<tr>
<th>DATE</th>
<th>LOCATION</th>
<th>EQUIPMENT</th>
<th>CONDITION</th>
<th>ACTION TAKEN</th>
<th>INITIAL'S</th>
</tr>
</thead>
<tbody>
<tr>
<td>7/20</td>
<td>BELT PORTAL</td>
<td>TRICKLE DUSTER*ST4071</td>
<td>OK</td>
<td></td>
<td>IP</td>
</tr>
<tr>
<td>7/20</td>
<td>BELT PORTAL</td>
<td>CONTROL BOXES, E.T.C.</td>
<td>OK</td>
<td></td>
<td>IP</td>
</tr>
<tr>
<td>7/20</td>
<td>BELT PORTAL</td>
<td>MAGNET # 1 HEAD ROLLER</td>
<td>OK</td>
<td></td>
<td>IP</td>
</tr>
<tr>
<td>7/20</td>
<td>BELT PORTAL</td>
<td>#1 (INNER) MAGNET</td>
<td>OK</td>
<td></td>
<td>IP</td>
</tr>
<tr>
<td>7/20</td>
<td>BELT PORTAL</td>
<td>#2 (OUTER) MAGNET</td>
<td>OK</td>
<td></td>
<td>IP</td>
</tr>
<tr>
<td>7/21</td>
<td>NO. 20 MAIN WEST</td>
<td>LONGWALL DUSTER #1</td>
<td>Ok</td>
<td></td>
<td>IP</td>
</tr>
<tr>
<td>7/21</td>
<td>GEN. MINE</td>
<td>DIESEL GENERATOR</td>
<td>K2: 5100 cfm</td>
<td></td>
<td>IP</td>
</tr>
</tbody>
</table>

NOTE'S

____________________________________________________

____________________________________________________
PERMISSIBILITY

July 2006

GRAVEYARD

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

SIGNATURE

SIGNED__ DATE 7-21-06

IS A SUPERVISOR
MONTHLY INSPECTION OF HIGH VOLTAGE
TRANSFORMER'S AND SWITCH GEAR

<table>
<thead>
<tr>
<th>FIRE PROTECTION, FIRE EXTINGUISHER FOR DEFECTS, 250 LBS. ROCK DUST, FIRE EXTINGUISHER INSPECTION TAG AND DATED</th>
</tr>
</thead>
<tbody>
<tr>
<td>POWER CENTER FREE OF ACCUMULATIONS, COMBUSTIBLE MATERIAL, NO TRIPPING HAZARDS IN WALK WAY, 24&quot; CLEARANCE AROUND ALL SIDES, CHECK FOR ROOF AND RIB HAZARD</td>
</tr>
<tr>
<td>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</td>
</tr>
<tr>
<td>INSTANTANEOUS SETTINGS ARE CORRECT (POWER CABLES OR TRAILING CABLES)</td>
</tr>
<tr>
<td>COVERS ARE IN PLACE AND SECURED DOWN, NO BOLTS MISSING, NO EXCESSIVE OPENINGS IN PANELS</td>
</tr>
<tr>
<td>ELECTRICAL COMPONENTS, CIRCUIT BREAKERS, MONITORS, TEST SWITCHES, EMERGENCY STOP BUTTON, IS IN GOOD CONDITION AND OPERATIVE</td>
</tr>
<tr>
<td>HIGH VOLTAGE, NIP IN GOOD CONDITION, STRAIN CLAMP INSTALLED, CLEARLY IDENTIFIED, CABLE GUARDED UNLESS 6 ½&quot; ABOVE FLOOR, 120V AREA LIGHTS, PROVISIONS FOR LOCK OUT, VISUAL WINDOW IS CLEAR</td>
</tr>
</tbody>
</table>
## HIGH VOLTAGE SWITCH GEAR
### MONTHLY EXAM'S

<table>
<thead>
<tr>
<th>DATE</th>
<th>LOCATION</th>
<th>EQUIPMENT</th>
<th>CONDITION</th>
<th>ACTION TAKEN</th>
<th>INITIAL'S</th>
</tr>
</thead>
<tbody>
<tr>
<td>7/21</td>
<td>XC 4 M.W.</td>
<td># 2 SWITCH GEAR 7200 VOLT</td>
<td>OK</td>
<td></td>
<td>S J</td>
</tr>
<tr>
<td>7/21</td>
<td>XC 40 M.W.</td>
<td># 3 SWITCH GEAR 7200 VOLT</td>
<td>OK</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7/21</td>
<td>XC 88 M.W.</td>
<td># 4 SWITCH GEAR 7200 VOLT</td>
<td>OK</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7/21</td>
<td>XC 24 M.W.</td>
<td># 7 SWITCH GEAR 7200 VOLT</td>
<td>OK</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7/21</td>
<td>XC 69 M.W.</td>
<td># 8 SWITCH GEAR 7200 VOLT</td>
<td>OK</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7/21</td>
<td>XC 34 SO. MAIN</td>
<td># 9 SWITCH GEAR 7200 VOLT</td>
<td>OK</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>XC33 MAIN WEST</td>
<td># 10 SWITCH GEAR 12,470 VOLT</td>
<td>OOS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7/21</td>
<td>SURFACE</td>
<td>SUB-STATION</td>
<td>OK</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTE'S**

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# Sub-Station Circuit Setting's

## Incoming Power

<table>
<thead>
<tr>
<th></th>
<th>7200 U.G. Feeder</th>
<th>12470 U.G. Feeder</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Over Current Relay</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CT Ratio: 600:5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tap Setting: 5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Time Setting: 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inst. Setting: 7</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## 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

<table>
<thead>
<tr>
<th></th>
<th>7200 U.G. Feeder</th>
<th>12470 U.G. Feeder</th>
</tr>
</thead>
<tbody>
<tr>
<td>CT Ratio: 9:1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tap Setting: 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Time Setting: 3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Surface Feeder

<table>
<thead>
<tr>
<th></th>
<th>7200 Load-Out</th>
<th>12470 U.G. Feeder</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Over Current Relay</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CT Ratio: 100:5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tap Setting: 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Time Setting: 6.7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inst. Setting: 4</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Ground Fault Setting

<table>
<thead>
<tr>
<th></th>
<th>7200 Load-Out</th>
<th>12470 U.G. Feeder</th>
</tr>
</thead>
<tbody>
<tr>
<td>CT Ratio: 9:1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tap Setting: 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Time Setting: 5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DATE</th>
<th>LOCATION</th>
<th>EQUIP</th>
<th>CONTROL POWER</th>
<th>GROUND MONITOR</th>
<th>GROUND FAULT</th>
<th>COND. FOUND ACTION TAKEN</th>
<th>INITIALS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7/21</td>
<td>XC17 MAIN SOUTH</td>
<td>#23 TRANS 1000 KVA 950/480 V</td>
<td>OK</td>
<td>OK</td>
<td>OK</td>
<td></td>
<td>SJ</td>
</tr>
<tr>
<td></td>
<td>SOUTH MAINS</td>
<td>#30 TRANS 1000 KVA 950/480 V</td>
<td>OK</td>
<td>OK</td>
<td>OK</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SECTION TRANS.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>XC102 MAIN WEST</td>
<td>#17 1000 KVA</td>
<td>OK</td>
<td>OK</td>
<td>OK</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>XC69 MAIN WEST</td>
<td>#19 TRANS 750 KVA 950/480 V</td>
<td>OK</td>
<td>OK</td>
<td>OK</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>XC44 MAIN WEST</td>
<td>#9 TRANS 750 KVA 950/480 V</td>
<td>OK</td>
<td>OK</td>
<td>OK</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>XC40 MAIN WEST</td>
<td>#5 TRANS 750 KVA 950/480 V</td>
<td>OK</td>
<td>OK</td>
<td>OK</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>XC 0 2ND NORTH</td>
<td>#3 TRANS 225 KVA 480 V</td>
<td>OK</td>
<td>OK</td>
<td>OK</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>XC 0 2ND RIGHT</td>
<td>#14 600 KVA 950 480</td>
<td>OK</td>
<td>OK</td>
<td>OK</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>XC 40 MW</td>
<td>#5 750 KVA 950 480</td>
<td>OK</td>
<td>OK</td>
<td>OK</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>XC29 MAIN WEST</td>
<td>#8 TRANS 500 KVA 950/480 V</td>
<td>OK</td>
<td>OK</td>
<td>OK</td>
<td></td>
<td>V</td>
</tr>
</tbody>
</table>

NOTE'S

MONTHLY TEST'S OF ALL TRANSFORMER  CIRCUIT BREAKER'S  FUNCTIONAL TEST'S OF AUXILIARY CIRCUIT'S
### CIRCUIT BREAKER'S

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

<table>
<thead>
<tr>
<th>DATE</th>
<th>LOCATION</th>
<th>EQUIP</th>
<th>CONTROL POWER</th>
<th>GROUND MONITOR</th>
<th>GROUND FAULT</th>
<th>COND. FOUND ACTION TAKEN</th>
<th>INITIALS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7/21</td>
<td>PORTAL</td>
<td># 11 TRANS 150 KVA/480</td>
<td>OK</td>
<td>OK</td>
<td>OK</td>
<td></td>
<td>SJ</td>
</tr>
<tr>
<td></td>
<td># 3 BEIT</td>
<td># 21 TRANSFORMER</td>
<td>OK</td>
<td>OK</td>
<td>OK</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>EAST ROAD</td>
<td>JOY TRANSFORMER # 28</td>
<td>OK</td>
<td>OK</td>
<td>OK</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1ST EAST BELT</td>
<td># 20 TRANSFORMER</td>
<td>OK</td>
<td>OK</td>
<td>OK</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>XC 19 1ST EAST</td>
<td># 10 TRANSFORMER</td>
<td>OK</td>
<td>OK</td>
<td>OK</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td># 1ST EAST</td>
<td>SEC TRANSFORMER</td>
<td>OK</td>
<td>OK</td>
<td>OK</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>XC 11</td>
<td>1 TR TRANSFORMER</td>
<td>OK</td>
<td>OK</td>
<td>OK</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2ND EAST</td>
<td>SEC TRANSFORMER # 18</td>
<td>OK</td>
<td>OK</td>
<td>OK</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SOUTH MAINS</td>
<td>SEC TRANSFORMER # 29</td>
<td>OK</td>
<td>OK</td>
<td>OK</td>
<td></td>
<td>V</td>
</tr>
</tbody>
</table>

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**NOTE'S**

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<table>
<thead>
<tr>
<th>Task</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Check methane monitor if working and working properly.</td>
</tr>
<tr>
<td>2</td>
<td>Tram motors checked, area clean under cover, flame path checked, cables and conduits</td>
</tr>
<tr>
<td>3</td>
<td>Check flame paths on covers.</td>
</tr>
<tr>
<td>4</td>
<td>Pump motors checked, area clean under cover, flame path checked, cables and conduits</td>
</tr>
<tr>
<td>5</td>
<td>Main Controller checked, area clean under cover, flame path checked, cables and conduits</td>
</tr>
<tr>
<td>6</td>
<td>Accumulations, check under all covers and around objects under covers.</td>
</tr>
<tr>
<td>7</td>
<td>Inspect all cables and conduits for damage.</td>
</tr>
<tr>
<td>8</td>
<td>Check cable at handling device for damage, check entrance gland for tightness and lead seal.</td>
</tr>
<tr>
<td>9</td>
<td>Check fire suppression, activate</td>
</tr>
<tr>
<td>10</td>
<td>Check guarding on all rotating parts. Make sure installed and/or replaced. Gaps covered.</td>
</tr>
<tr>
<td>11</td>
<td>Check methane monitor if working and working properly. Calibrated every 31 days</td>
</tr>
<tr>
<td>12</td>
<td>Check all cover bolts to insure they are the same and the washers are all the same</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Task</td>
<td></td>
</tr>
<tr>
<td>------</td>
<td></td>
</tr>
<tr>
<td>Lights working, entrance glands tight, cables protected and supported, Power supply's not damaged</td>
<td></td>
</tr>
<tr>
<td>Check all hoses for damage and any frayed wires.</td>
<td></td>
</tr>
<tr>
<td>Check cables in Brettbe for damage and high voltage, guarding where exposed.</td>
<td></td>
</tr>
<tr>
<td>Check face phones for operation, cable damage, and function at each phone</td>
<td></td>
</tr>
<tr>
<td>Check flame paths on head and tail gate motors</td>
<td></td>
</tr>
<tr>
<td>Check flame paths on head gate control box.</td>
<td></td>
</tr>
<tr>
<td>Check flame paths on tail gate control box</td>
<td></td>
</tr>
<tr>
<td>Check flame paths on Master control box</td>
<td></td>
</tr>
<tr>
<td>Check all cables for damage and additions guarding from master controller to headgate.</td>
<td></td>
</tr>
<tr>
<td>Check guarding on all rotating parts. Make sure installed and/or replaced. Gaps covered.</td>
<td></td>
</tr>
<tr>
<td>Check all master controller nips to insure tight and secure</td>
<td></td>
</tr>
<tr>
<td>Inspect all XP boxes and motor housings for un-used entrances to plug and braze</td>
<td></td>
</tr>
<tr>
<td>Check truck to truck ground strap and the last truck grounded to transformer.</td>
<td></td>
</tr>
<tr>
<td>Check methane monitor at tailgate if working and working properly. Calibrated every 31 days</td>
<td></td>
</tr>
<tr>
<td>Check LI-10's for condition, cables and entrances, and if working properly.</td>
<td></td>
</tr>
<tr>
<td>Check all cover bolts to insure they are the same and the washers are all the same</td>
<td></td>
</tr>
<tr>
<td>Task</td>
<td>Checklist</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>-----------</td>
</tr>
<tr>
<td>Check area for cleanliness, rock dust, fire extinguisher dated within 6 months</td>
<td></td>
</tr>
<tr>
<td>Inspect all cables and guarding for damage, hung on insulators to the power center and guarded at walls.</td>
<td></td>
</tr>
<tr>
<td>Check all nips for ground strap/identification strap</td>
<td></td>
</tr>
<tr>
<td>Check pump for proper identification to match nip</td>
<td></td>
</tr>
<tr>
<td>Check flame paths on pump and controller</td>
<td></td>
</tr>
<tr>
<td>Check cable entrance gland for, tightness, strain protection, lead seal</td>
<td></td>
</tr>
<tr>
<td>Place DTI on note book at pump.</td>
<td></td>
</tr>
<tr>
<td>Check all cover bolts to insure they are the same and the washers are all the same</td>
<td></td>
</tr>
<tr>
<td>Task Description</td>
<td></td>
</tr>
<tr>
<td>---------------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Check area and equipment guards are installed and secure in place. Drives and</td>
<td></td>
</tr>
<tr>
<td>tail roller</td>
<td></td>
</tr>
<tr>
<td>Check for accumulation on and around drive, drive motors, gear boxes.</td>
<td></td>
</tr>
<tr>
<td>Check area for cleanliness, rock dust, fire extinguisher dated within 6 months.</td>
<td></td>
</tr>
<tr>
<td>Check fire suppression visually weekly for caps, condition and damage. SCC head</td>
<td></td>
</tr>
<tr>
<td>roller</td>
<td></td>
</tr>
<tr>
<td>Check that all power is provided through liquid tile conduits to stationary</td>
<td></td>
</tr>
<tr>
<td>equipment on surface.</td>
<td></td>
</tr>
<tr>
<td>Check all cables and conduits for damage at drive, hot water tank, water pump,</td>
<td></td>
</tr>
<tr>
<td>lights</td>
<td></td>
</tr>
<tr>
<td>Check all conduits for covers at junctions, tight fittings at boxes and</td>
<td></td>
</tr>
<tr>
<td>junctions, and proper supporting.</td>
<td></td>
</tr>
<tr>
<td>Check Belt drive controller cleanliness, check for accumulation of dust inside.</td>
<td></td>
</tr>
<tr>
<td>Check pull cord to ensure it is connected and tight</td>
<td></td>
</tr>
<tr>
<td>Check walkway for tripping hazards, such as hoses, cables, coal, any debris,</td>
<td></td>
</tr>
<tr>
<td>etc.</td>
<td></td>
</tr>
<tr>
<td>Any un-used circuits de-energized, tagged out</td>
<td></td>
</tr>
<tr>
<td>All active circuits labeled, tagged or identified</td>
<td></td>
</tr>
<tr>
<td>Check all electrical boxes for open holes or openings into boxes that they are</td>
<td></td>
</tr>
<tr>
<td>plugged.</td>
<td></td>
</tr>
<tr>
<td>Task Description</td>
<td></td>
</tr>
<tr>
<td>---------------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Check area and equipment guards are installed and secure in place.</td>
<td></td>
</tr>
<tr>
<td>Check for accumulation on and around drive, drive motors, gear boxes.</td>
<td></td>
</tr>
<tr>
<td>Check area for cleanliness, rock dust, fire extinguisher dated within 6 months</td>
<td></td>
</tr>
<tr>
<td>Check fire suppression visually weekly for caps, condition and damage</td>
<td></td>
</tr>
<tr>
<td>Activate system weekly (dry fire no water) to see if alarm is sounded on surface at conspec room</td>
<td></td>
</tr>
<tr>
<td>Check all cables for damage</td>
<td></td>
</tr>
<tr>
<td>Check all cables if hung on insulators.</td>
<td></td>
</tr>
<tr>
<td>Check Belt controller for lock on door to energized leads and for accumulation of dust inside.</td>
<td></td>
</tr>
<tr>
<td>Check Belt controller for cables going through proper entrance glands and that they are tight.</td>
<td></td>
</tr>
<tr>
<td>Check window is clean and able to see visual disconnects</td>
<td></td>
</tr>
<tr>
<td>Checklist Item</td>
<td></td>
</tr>
<tr>
<td>-------------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Check area for cleanliness, fire extinguisher dated within 6 months</td>
<td></td>
</tr>
<tr>
<td>Area lighting in room needs to be working and covers in place.</td>
<td></td>
</tr>
<tr>
<td>36 inch clearance to all circuit breaker controls</td>
<td></td>
</tr>
<tr>
<td>High voltage guarded / barriers installed to protect against contact</td>
<td></td>
</tr>
<tr>
<td>Check all instantaneous settings</td>
<td></td>
</tr>
<tr>
<td>No combustibles allowed within the Building</td>
<td></td>
</tr>
<tr>
<td>No tripping hazards on floor</td>
<td></td>
</tr>
<tr>
<td>Access into circuit panels, boxes locked to prevent contact with energized</td>
<td></td>
</tr>
<tr>
<td>electrical components</td>
<td></td>
</tr>
<tr>
<td>Make sure gates are locked, high voltage signs posted on fence and inside</td>
<td></td>
</tr>
<tr>
<td>building</td>
<td></td>
</tr>
<tr>
<td>Check window is clean and able to see visual disconnects</td>
<td></td>
</tr>
<tr>
<td>Any un-used circuits de-energized, tagged out</td>
<td></td>
</tr>
<tr>
<td>All active circuits labeled, tagged or identified</td>
<td></td>
</tr>
<tr>
<td>Check all electrical boxes for open holes or openings into boxes they are</td>
<td></td>
</tr>
<tr>
<td>plugged</td>
<td></td>
</tr>
<tr>
<td>Make sure no weeds growing inside sub station enclosure</td>
<td></td>
</tr>
<tr>
<td>Make sure High Voltage gloves and hot stick are available</td>
<td></td>
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</tr>
</tbody>
</table>
**Transformer/Electrical installation Surface**

**Stacker belt control room,**

- [ ] Check area for cleanliness, rock dust, fire extinguisher dated within 6 months
- [ ] Inspect all cables and guarding for damage, hung on insulators to the power center and guarded at walls.
- [ ] 36 inch clearance to all circuit breaker controls
- [ ] High voltage guarded where exposed to walking or traveling
- [ ] Check all instantaneous settings
- [ ] Check dust cover on un-used receptacles
- [ ] Check no combustibles with in 2 feet of transformer
- [ ] All cables guarded where go through walls,
- [ ] All cables hung on insulators.
- [ ] Check window is clean and able to see visual disconnects
- [ ] Any un-used circuits de-energized, tagged out
- [ ] All active circuits labeled, tagged or identified
- [ ] Check all electrical boxes for open holes or openings into boxes that they are plugged.
- [ ]
- [ ]
- [ ]
- [ ]
<table>
<thead>
<tr>
<th>Transformer/Electrical installation Permissibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ Check area for cleanliness, rock dust, fire extinguisher dated within 6 months</td>
</tr>
<tr>
<td>☐ Inspect all cables and guarding for damage, hung on insulators to the power center and guarded at walls.</td>
</tr>
<tr>
<td>☐ Check all nips for ground strap/identification strap</td>
</tr>
<tr>
<td>☐ Check to insure permanent installation vented to return</td>
</tr>
<tr>
<td>☐ High voltage guarded where hung less than 6 1/2 feet above ground, exposed to walking or traveling</td>
</tr>
<tr>
<td>☐ Check all instantaneous settings</td>
</tr>
<tr>
<td>☐ Check dust cover on un-used receptacles</td>
</tr>
<tr>
<td>☐ Check no combustibles with in 2 feet of transformer</td>
</tr>
<tr>
<td>☐ Required walkway clearance around transformer needs to be no less than 2 feet.</td>
</tr>
<tr>
<td>☐ All cables guarded where go through stoppings, holes patched and filled in.</td>
</tr>
<tr>
<td>☐ All cables hung on insulators.</td>
</tr>
<tr>
<td>☐ Check window is clean and able to see visual disconnects</td>
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</tbody>
</table>

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<table>
<thead>
<tr>
<th>Task</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Check area for cleanliness, rock dust, fire extinguisher</td>
<td>dated within 6 months</td>
</tr>
<tr>
<td>Check Batteries for cleanliness, leads all insulated covers secured</td>
<td>with bolts, locking device on nip</td>
</tr>
<tr>
<td>Inspect all cables and conduits for damage, hung on insulators to</td>
<td>the power center and guarded at walls.</td>
</tr>
<tr>
<td>Check external ground lead for damage and that it has working clamp</td>
<td>on end.</td>
</tr>
<tr>
<td>Check fire suppression, charged, hung over batteries has shut down</td>
<td>wired in system both manual and auto</td>
</tr>
<tr>
<td>Main Charger checked, area clean under cover, cables and conduits</td>
<td>for damage</td>
</tr>
<tr>
<td>Accumulations, check under all covers and around objects under</td>
<td>covers.</td>
</tr>
<tr>
<td>Check to insure Conspec monitor 50 to 100 feet down wind on intake</td>
<td></td>
</tr>
<tr>
<td>Check charger controller for cables going through proper entrance</td>
<td>glands and that they are tight.</td>
</tr>
<tr>
<td>Task</td>
<td>Completed</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>-----------</td>
</tr>
<tr>
<td>Lights working, cover on lights</td>
<td></td>
</tr>
<tr>
<td>Walkway clean and clear in shed</td>
<td></td>
</tr>
<tr>
<td>No accumulations on floor or any surfaces</td>
<td></td>
</tr>
<tr>
<td>Oxygen and Acetylene gauges covered, removed and off not in use</td>
<td></td>
</tr>
<tr>
<td>Secure to prevent falling</td>
<td></td>
</tr>
<tr>
<td>All electrical switch and outlets provided with covers</td>
<td></td>
</tr>
<tr>
<td>All conduits to electrical equipment and boxes free of damage</td>
<td></td>
</tr>
<tr>
<td>All conduits tight where enter into any boxes</td>
<td></td>
</tr>
<tr>
<td>All circuits identified</td>
<td></td>
</tr>
<tr>
<td>Fire extinguisher check and tag dated within 6 months</td>
<td></td>
</tr>
</tbody>
</table>

...
<p>| Lights working, cover on lights |
| Walkway clean and clear around truck lift |
| All electrical switch and outlets provided with covers |
| All conduits to electrical equipment and boxes free of damage |
| All conduits tight where enter into any boxes. |
| 3 foot clearance and access to all Electrical circuit controller. |
| All extension cords check for damage |
| All hand held electric tools, not equipped with trigger locks, power cords have not damage |
| All stop and start switches to equipment operate properly |
| All circuits identified. |
| Fire extinguisher check and tag dated within 6 months |</p>
<table>
<thead>
<tr>
<th>Checklights working, entrance glands tight and lead seal</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Check Batteries for cleanliness, leads all insulated covers secured with bolts, locking device on nip</td>
</tr>
<tr>
<td>□ Tram motors checked, area clean under cover flame path checked, cables and conduits</td>
</tr>
<tr>
<td>□ Check under side of lids to insure insulated against metal to metal contact.</td>
</tr>
<tr>
<td>□ Pump motors checked, area clean under cover, flame path checked, cables and conduits</td>
</tr>
<tr>
<td>□ Main Controller checked, area clean under cover, flame path checked, cables and conduits</td>
</tr>
<tr>
<td>□ Accumulations, check under all covers and around objects under covers.</td>
</tr>
<tr>
<td>□ Inspect all cables and conduits for damage.</td>
</tr>
<tr>
<td>□ Check that tires have all lug nuts</td>
</tr>
<tr>
<td>□ Check fire suppression.</td>
</tr>
<tr>
<td>□ Check guarding on all rotating parts. Make sure installed and/or replaced. Gaps covered.</td>
</tr>
<tr>
<td>□ Check all cover bolts to insure they are the same and the washers are all the same</td>
</tr>
<tr>
<td>Item</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
</tr>
<tr>
<td>Lights working, cover on lights</td>
</tr>
<tr>
<td>Walkways clean and clear</td>
</tr>
<tr>
<td>All electrical switch and outlets provided with covers</td>
</tr>
<tr>
<td>All conduits to electrical equipment and boxes free of damage, no loose ends or fittings, no exposed wires</td>
</tr>
<tr>
<td>All conduits tight where enter into any boxes.</td>
</tr>
<tr>
<td>3 foot clearance and access to all Electrical circuit controller</td>
</tr>
<tr>
<td>All extension cords check for damage</td>
</tr>
<tr>
<td>All stop and start switches to equipment operate properly</td>
</tr>
<tr>
<td>Check guards for any access at Crusher, Sampler, Screen, magnets, drives and tail rollers</td>
</tr>
<tr>
<td>Fire extinguisher check and tag dated within 6 months</td>
</tr>
<tr>
<td>All circuits identified</td>
</tr>
<tr>
<td>All hoists, lifting straps and cables in good condition and identified is needed</td>
</tr>
<tr>
<td>Item</td>
</tr>
<tr>
<td>---------------------------------------------------------------------</td>
</tr>
<tr>
<td>Lights working, cover on lights</td>
</tr>
<tr>
<td>Walkways clean and clear around and through shop</td>
</tr>
<tr>
<td>All electrical switch and outlets provided with covers</td>
</tr>
<tr>
<td>All conduits to electrical equipment and boxes free of damage, no loose ends or fittings, no exposed wires</td>
</tr>
<tr>
<td>All conduits tight where enter into any boxes.</td>
</tr>
<tr>
<td>3 foot clearance and access to all Electrical circuit controller.</td>
</tr>
<tr>
<td>All extension cords check for damage</td>
</tr>
<tr>
<td>All stop and start switches to equipment operate properly</td>
</tr>
<tr>
<td>Clear walkway at battery charger.</td>
</tr>
<tr>
<td>Fire extinguisher check and tag dated within 6 months</td>
</tr>
<tr>
<td>D box checked for proper breaker settings and monitor working, electrical tests</td>
</tr>
<tr>
<td>D box checked for dust covers on unused recepticals</td>
</tr>
<tr>
<td>D Box checked for accumulation on and inside box</td>
</tr>
<tr>
<td>D Box has all covers secured with bolts and tight</td>
</tr>
<tr>
<td>D Box circuits and breaker box circuits identified</td>
</tr>
<tr>
<td>Task Description</td>
</tr>
<tr>
<td>------------------</td>
</tr>
<tr>
<td>Check area and equipment guards are installed and secure in place. Drives and tail roller</td>
</tr>
<tr>
<td>Check for accumulation on and around belt</td>
</tr>
<tr>
<td>Check area for cleanliness, fire extinguisher dated within 6 months</td>
</tr>
<tr>
<td>Check conduits for damage, and support</td>
</tr>
<tr>
<td>Check that all power is provided through liquid tite conduits to stationary equipment on surface.</td>
</tr>
<tr>
<td>Check all cables and conduits for damage at tailpiece</td>
</tr>
<tr>
<td>Check all conduits for covers at junctions, tight fittings at boxes and junctions, and proper supporting.</td>
</tr>
<tr>
<td>Check reclaim gate controller cleanliness, check for accumulation of dust inside.</td>
</tr>
<tr>
<td>Check pull cord to insure it is connected and tight</td>
</tr>
<tr>
<td>Check walkway for tripping hazards, such as hoses, cables, coal, any debris, etc.</td>
</tr>
<tr>
<td>Any un-used circuits de-energized, tagged out</td>
</tr>
<tr>
<td>No temporary circuits (cable supplied) allowed</td>
</tr>
<tr>
<td>All active circuits labeled, tagged or identified</td>
</tr>
<tr>
<td>Check all electrical boxes for open holes or openings into boxes that they are plugged.</td>
</tr>
<tr>
<td>Check conduits at reclaim gates</td>
</tr>
<tr>
<td>Check for accumulations at reclaim gate hydraulic system.</td>
</tr>
<tr>
<td>Check escape tunnel for debris and dust</td>
</tr>
</tbody>
</table>
Rock Dust silo

| ☐ | All power wires and cables in metal conduit or liquid tight conduit. |
| ☐ | All conduits supported and un-damaged |
| ☐ | Area lighting working and not damaged. |
| ☐ | All circuit controls need proper covers, no holes in boxes, no damage, conduits tight where entering |
| ☐ | Fire extinguisher check and tag dated within 6 months |

...
<table>
<thead>
<tr>
<th>Checkboxes</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Lights working, entrance glands tight and lead seal</td>
</tr>
<tr>
<td></td>
<td>Check Batteries for cleanliness, leads all insulated covers secured with bolts, locking device on nip</td>
</tr>
<tr>
<td></td>
<td>Tram motors checked, area clean under cover, flame path checked, cables and conduits</td>
</tr>
<tr>
<td></td>
<td>Check under side of lids to insure insulated against metal to metal contact.</td>
</tr>
<tr>
<td></td>
<td>Pump motors checked, area clean under cover, flame path checked, cables and conduits</td>
</tr>
<tr>
<td></td>
<td>Main Controller checked, area clean under cover, flame path checked, cables and conduits</td>
</tr>
<tr>
<td></td>
<td>Accumulations, check under all covers and around objects under covers.</td>
</tr>
<tr>
<td></td>
<td>Inspect all cables and conduits for damage.</td>
</tr>
<tr>
<td></td>
<td>Check that tires have all lug nuts</td>
</tr>
<tr>
<td></td>
<td>Check fire suppression.</td>
</tr>
<tr>
<td></td>
<td>Check guarding on all rotating parts. Make sure installed and/or replaced. Gaps covered.</td>
</tr>
<tr>
<td></td>
<td>Check all cover bolts to insure they are the same and the washers are all the same</td>
</tr>
<tr>
<td>Item</td>
<td>Checklist</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>-----------</td>
</tr>
<tr>
<td>All cables supported, not damaged, in conduit with tight fittings and liquid tight entrance glands ends</td>
<td>☐</td>
</tr>
<tr>
<td>Clear and clean walkway around compressor</td>
<td>☐</td>
</tr>
<tr>
<td>No accumulations on or around compressor</td>
<td>☐</td>
</tr>
<tr>
<td>Compressor controller set at the proper settings</td>
<td>☐</td>
</tr>
<tr>
<td>Compressor controller clean inside, no accumulations on controller</td>
<td>☐</td>
</tr>
<tr>
<td>Emergency shut-down system functional</td>
<td>☐</td>
</tr>
<tr>
<td>Compressor controller covers and doors secured with bolts and tight</td>
<td>☐</td>
</tr>
<tr>
<td>Fire extinguisher check and tag dated within 6 months</td>
<td>☐</td>
</tr>
<tr>
<td>Check the heater to insure it is secure, conduits, fittings, and entrance glands are tight and supported</td>
<td>☐</td>
</tr>
<tr>
<td>Check breaker setting for heater, and circuit labeled</td>
<td>☐</td>
</tr>
<tr>
<td>Surface compressor</td>
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</tr>
<tr>
<td>☐ All cables supported, not damaged, in conduit with tight fittings and liquid tight entrance glands ends</td>
<td></td>
</tr>
<tr>
<td>☐ Clear and clean walkway around compressor</td>
<td></td>
</tr>
<tr>
<td>☐ No accumulations on or around compressor</td>
<td></td>
</tr>
<tr>
<td>☐ Compressor controller set at the proper settings</td>
<td></td>
</tr>
<tr>
<td>☐ Compressor controller clean inside, no accumulations on controller</td>
<td></td>
</tr>
<tr>
<td>☐ Emergency shut-down system functional.</td>
<td></td>
</tr>
<tr>
<td>☐ Compressor controller covers and doors secured with bolts and tight</td>
<td></td>
</tr>
<tr>
<td>☐ Fire extinguisher check and tag dated within 6 months</td>
<td></td>
</tr>
<tr>
<td>☐ Check the heater to insure it is secure, conduits, fittings, and entrance glands are tight and supported.</td>
<td></td>
</tr>
<tr>
<td>☐ Check breaker setting for heater, and circuit labeled</td>
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</tbody>
</table>
## Roof Bolter Permissibility

- Lights working, entrance glands tight and lead seal not covered with material or paint
- Panic Bars, free to work and working not stuck
- Tram motors checked, area clean under cover, flame path checked, cables and conduits
- Check flame paths on XP boxes in cab.
- Pump motors checked, area clean under cover, flame path checked, cables and conduits
- Main Controller checked, area clean under cover, flame path checked, cables and conduits
- Accumulations, check under all covers and around objects under covers.
- Inspect all cables and conduits for damage.
- Inspect trailing cable for damage and bad splices
- Check fire suppression.
- Check that tires have all lug nuts, if equipped
- Check guarding on all rotating parts. Make sure installed and/or replaced. Gaps covered.
- Check all cover bolts to insure they are the same and the washers are all the same
<table>
<thead>
<tr>
<th>Task Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Check area and equipment guards are installed and secure in place. Drives and tail roller.</td>
</tr>
<tr>
<td>Check for accumulation on and around drive, drive motors, gear boxes.</td>
</tr>
<tr>
<td>Check area for cleanliness, fire extinguisher dated within 6 months.</td>
</tr>
<tr>
<td>Check conduits for damage, and support.</td>
</tr>
<tr>
<td>Check that all power is provided through liquid tight conduits to stationary equipment on surface.</td>
</tr>
<tr>
<td>Check all cables and conduits for damage at drive, Magnet, Coal scan.</td>
</tr>
<tr>
<td>Check all conduits for covers at junctions, tight fittings at boxes and junctions, and proper supporting.</td>
</tr>
<tr>
<td>Check Belt drive controller cleanliness, check for accumulation of dust inside.</td>
</tr>
<tr>
<td>Check pull cord to ensure it is connected and tight.</td>
</tr>
<tr>
<td>Check walkway for tripping hazards, such as hoses, cables, coal, any debris, etc.</td>
</tr>
<tr>
<td>Any un-used circuits de-energized, tagged out.</td>
</tr>
<tr>
<td>No temporary circuits (cable supplied) allowed.</td>
</tr>
<tr>
<td>All active circuits labeled, tagged or identified.</td>
</tr>
<tr>
<td>Check all electrical boxes for open holes or openings into boxes that they are plugged.</td>
</tr>
<tr>
<td>Any other problems.</td>
</tr>
<tr>
<td>None.</td>
</tr>
<tr>
<td>Item</td>
</tr>
<tr>
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</tr>
<tr>
<td>Liquid tile entrance glands tight and sealed, entrance glands inplace and tight.</td>
</tr>
<tr>
<td>Cables supported and not damaged.</td>
</tr>
<tr>
<td>Pulleys guarded.</td>
</tr>
<tr>
<td>All the fan's electrical accessory items secured, and wires or cables supported.</td>
</tr>
<tr>
<td>Clean and clear walkway around fans.</td>
</tr>
<tr>
<td>Fan controller proper settings, covers and doors secured with bolts and tight</td>
</tr>
<tr>
<td>Fan Alarm system test Monthly.</td>
</tr>
<tr>
<td>Fan controller clean inside, no accumulations on controller</td>
</tr>
<tr>
<td>Fire extinguisher check and tag dated within 6 months</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Item</td>
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<tr>
<td>Task</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
</tr>
<tr>
<td>Check area for cleanliness, fire extinguisher dated within 6 months</td>
</tr>
<tr>
<td>Area lighting in room needs to be working and covers in place</td>
</tr>
<tr>
<td>Accumulations, check under all covers</td>
</tr>
<tr>
<td>36 inch clearance to all circuit breaker controls</td>
</tr>
<tr>
<td>Check for accumulations around cylinders to gates clean and apply floor dry</td>
</tr>
<tr>
<td>Check all instantaneous settings</td>
</tr>
<tr>
<td>Monthly circuit tests</td>
</tr>
<tr>
<td>No combustibles allowed within the Building</td>
</tr>
<tr>
<td>No tripping hazards on floor</td>
</tr>
<tr>
<td>Access into circuit panels, boxes locked to prevent contact with energized electrical components</td>
</tr>
<tr>
<td>Check all wires, cables, exiting panel boxes for proper bushing.</td>
</tr>
<tr>
<td>Check all circuits for visual disconnects</td>
</tr>
<tr>
<td>Any un-used circuits de-energized, tagged out</td>
</tr>
<tr>
<td>All active circuits labeled, tagged or identified</td>
</tr>
<tr>
<td>Check all electrical boxes for open holes or openings into boxes that they are plugged.</td>
</tr>
<tr>
<td>Task</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
</tr>
<tr>
<td>Liquid tight entrance glands tight and sealed, entrance glands inplace and tight.</td>
</tr>
<tr>
<td>Cables supported and not damaged.</td>
</tr>
<tr>
<td>Pulleys guarded.</td>
</tr>
<tr>
<td>All the fan's electrical accessory items secured, and wires or cables supported</td>
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<td>Clean and clear walkway around fans.</td>
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<td>Fan controller proper settings, covers and doors secured with bolts and tight</td>
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<td>Fan Alarm system test Monthly.</td>
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<tr>
<td>Fan controller clean inside, no accumulations on controller</td>
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<tr>
<td>Continuous Miner Permissibility</td>
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<tr>
<td>--------------------------------</td>
</tr>
<tr>
<td>☐ Lights working, entrance glands tight and lead seal</td>
</tr>
<tr>
<td>☐ Conveyor motors checked, area clean under cover, flame path checked, cables and conduits</td>
</tr>
<tr>
<td>☐ Tram motors checked, area clean under cover, flame path checked, cables and conduits</td>
</tr>
<tr>
<td>☐ Gathering head motors checked, area clean under cover, flame path checked, cables and conduits</td>
</tr>
<tr>
<td>☐ Pump motors checked, area clean under cover, flame path checked, cables and conduits</td>
</tr>
<tr>
<td>☐ Main Controller checked, area clean under cover, flame path checked, cables and conduits</td>
</tr>
<tr>
<td>☐ Accumulations, check under all covers and around objects under covers.</td>
</tr>
<tr>
<td>☐ Inspect all cables and conduits for damage.</td>
</tr>
<tr>
<td>☐ Inspect trailing cable for damage and bad splices</td>
</tr>
<tr>
<td>☐ Check and activate fire suppression. Insure battery system is functional</td>
</tr>
<tr>
<td>☐ Methane Monitor working properly and calibrated if necessary. 31 days</td>
</tr>
<tr>
<td>☐ Check guarding on all rotating parts. Make sure installed and/or replaced. Gaps covered.</td>
</tr>
<tr>
<td>☐ Check “E” stop for function</td>
</tr>
<tr>
<td>☐ Check all cover bolts to insure they are the same and the washers are all the same</td>
</tr>
</tbody>
</table>
July 31, 2006

As follow-up to the D (1) citation issued at Genwal on July 27, 2006. We are meeting with the entire maintenance department to reiterate the importance of conducting proper electrical inspections on all equipment and areas. The inspections should include but not limited to cleanliness inside and out, conditions of all wires and conduits, lights working or not working, packing glands lead seals, unused openings closed and on permissible welded or brazed to prevent loosing, flame paths, guarding, fire suppressions, etc. As an important part of this training we will emphasize to each and every one of you that if you can not get your inspection done and done properly TAG THE EQUIPMENT OUT OF SERVICE. Another part of this is that if you fix something during you inspection please note it in the record book, this NONE OBSERVED we know is an easy notation however the constant none observed is also noting a problem with proper reporting of conditions. Please sign below that you have been re-instructed in the above mentioned items.