THE FOREMAN'S HANDBOOK UNDERGROUND

Massey Ene

TO BE DONE TODAY

ITEM NO. (NUMBER EACH ITEM)

11-2-09 Mon

went in early & took
[illegible], [illegible], [illegible] to
[illegible]

✓ [illegible] [illegible]

[illegible] [illegible]

cleaned 1 D 1 N tail

[illegible] discharge [illegible] dust
[illegible] slip

1 D'S

carried dust

had to go 1 N 2 X'S

slip

[illegible]

filled [illegible] dust

(NUMBER EACH ITEM)

had to go start #1 N
slip

① Changed & [illegible]
EM filter

11:30 - 12:30 starting
1 N slip

filled [illegible] dust
3 [illegible] #1

✓ [illegible] 1 S, 1 N

C [illegible] around 1 S Tail
dusted 46-47 on 1 S
around 1 N head

[illegible] Top Center Roller 42
[illegible] 1 South [illegible]

TO BE DONE TODAY

ITEM NO.	(NUMBER EACH ITEM)
11-	3-08 Tues
	[illegible] #6 [illegible]
	[illegible] 19 [illegible] ([illegible])
	splice made
	[illegible] with me)
	[illegible], [illegible]
	2-15 [illegible] 1 South
	[illegible]
	[illegible]
	[illegible] at 1 South [illegible]
	[illegible] belt 2-15
	Went back & fixed
	3 places 2-3 belt
	& 1 at 9 belt
	✓ 14 pump
	[illegible] with George
	after 12:00

BELT LINE CHECKLIST

1. Check if start and stop switches are grounded.
2. Check belt alignment, stuck rollers, missing rollers and torn belt or splices.
3. Guards in place at the belt drive.
4. Fire suppression at belt drive, fire extinquishers at the belt drive and tailpiece.
5. Water valve outlets available along belt line at intervals of not more than 300 feet and at tailpiece.
6. Water valve outlet within 300 feet of belt drive with hose available for use.
7. 500 feet of hose at a strategic point to be available for use.
8. Check isolation stopping properly installed.
9. Belt line rock dusted and no spillage or float dust accumulations.
10. Can belt be stopped anywhere along the belt.
11. Bottom belt damp.
12. Water sprays operating at transfer points.

BELT AND TRACK SAFETY PRACTICES

1. Each year many accidents happen on or near belts.
2. Do not clean rollers with cap blocks.
3. Do not try to remove objects from belt while running.
4. Do not walk on belt without stopping it.
5. Do not cross a moving belt.
6. Do not attempt to start a roller with hands. It may pull hands into roller.
7. Before working on a moving conveyor, stop it, make sure it will not start without your knowledge.
8. Never stand on a stationary conveyor unless you know it will not start.
9. Don't ride on conveyors except where controlled riding is permitted.
10. Always cross belt at a bridge or stop it until you are across.
11. "Around any track haulage" always stop, look and listen.
12. Report all defects to locomotives. Have good brakes.
13. Avoid violent braking. It often causes skidding.
14. Obey speed rules of the mine.
15. Do not push trips or run without trip lights.
16. Always ride in the cab and do not expose any part of your body outside of motor or car.
17. Do not ride bumper of cars.
18. It's safer to walk than ride illegally.

Dusted 1 South Portal - 2 Brk
✓ Splice 1S, 1N, 4th 1, #2

3rd #1 Bolthead off
Cleaned it out

* Broken Cradle 46 at
tape

-4-09 Wed

✓ Booker took 6 [illegible]

George + I swapped out rollers top of hill

✓ 19 pump had to put ~~discharge~~ line on

Set sand jack corner of dam

✓ 110's EM

~~Had to go Start 1 South~~

~~[illegible] George to [illegible] 1 South Tail~~

Got back to EM Head

Called 1 North off

~~went & started it~~ 3X's

✓ splice 1 N

C&D 1 South Tail

Dusted 46-47 1S

[illegible] head [illegible]

washed & changed filters EM

8:45 - 9:50 Am

went to 1S tail to get George

Cleaned out Rock box

3xe & 1 gobbed off

(where [illegible] [illegible])

Cleaned to keep rollers [illegible]

& hold down

Cleaned George PM's

on 1S

✓ 1 South Splice

Filled up Ron dusters & [illegible]

1 South 3-4 Belt Broken Cable
37

1 N Dropped BL 10-13B

11-5-09 Thur

✓ Books, gathered up fitting

took 6 Jeep in Drags with me

Had to go start 1 South 2X'S

Hauled dust to 1 South tail

✓ EM 110'S & 19 pump

Hauled 100 dust to 1 South tail

✓ 14, & 8 pump

Found 3 ec #1 slopping went to head from takeup up.

Found water to wet dust off, used it on ram duster 1 South ft 7

Cleaned out Reel Box 3rd 1

Droop [illegible] obligued & bushed
& tunnel Sec #1 18-tail
yet & Ruller at 1/8

Cleaned 3# tail wall side

washed or safety cleaned
gutter, filled & ran duster
at 1 South floor then

✓ splice 1S, 1N

dusted around 3# 1 head

1 South B1 Cradle D-3,9
43-44
spot D Remarks C
1 N spot C & D

4# 1 water taking 13
under head C, meg D
#2 last set up & tail work

Dispenser & ran
trickle duster at 1N
tail & cleaned it

11-6-09 FRI

✓ Bubba & Truck & Troop? Droopy with me

✓ #19, EM 1125

Took Droopy to Scale & made one 1 South up

#1 North off started it too after quickly rope off again? pulled back on

move slip on [illegible]

went & got [illegible]

cleaned up rib-off

1 South tail & dusted

dusted 1N headlaw & 46-47 on 1 South

~~[illegible]~~

should be back only off air 1N Tail & some spot at 11 Brk

Helped Droopy shovel on 4#2 last 2 setups

Rick called water off on 3 #1 went to it but it was pulled off

Cleaned it out.

[illegible] nut etc.

pulled 1 fresh line by trickle duster 1S F.T.

checked #14 pump

" splice 1S 1N

Filled 1 in trickle duster 1N Tail

1 North 16-17 BR C2
Hanger

F.B. 15, 1N
same

11-7-09 SAT

✓ Books & Took 16 Jeep in
✓ #19, EM 110's

✓ #10 seal at 6:23 AM
IN Gasing, ok steppin
0% CH_4 0% CO 20.8% O_2

1¼ hole 1 South tail
Hose has to be 1½ spring
to go over it.

Cleaned lots at 25
tail & dusted
dusted around 1N. heads
" 46-47
found #3 head ready
to go, cleaned it
out but 1 Scoop to
start back 8:10-8:25
total
Cleaned lots at F.T.
& 17-15½ & heads

I'd say that's why
1S Tail cobbed off

* Tell Gary & Rick
then scrapers in Rock Box
3#1 2 catching rocks

[illegible] Droopy filled
[illegible] 3#1 & #2 #14 pump

* Dropped BK 16-17
Need Hang Rollerguard

moved D Box on 3 section
[illegible] [illegible] 23-26
[illegible] [illegible]
top of hill

* Changed out [illegible]
filters EM, DD, PM'S

Checked splices
1S 1N

#3 Cobbed off Again
Gary trimmed metal
I helped with [illegible]

1:58 1 South went off
on slip as I got to tail
2:37 going
1 South
TCR 45 Bk stuck
Needs spot [illegible]
B Roller Hang 16-17 Bk
1 South
1 North

11-9-09 11 on
(b) (7)(C)
V Backe
took me to Door no rides
No Droopy

V 19 Pump made aus
kettle up

6:38 Am
Checked #5 Seal ok in Gasing
0% CH4 0% CO 20.8% O2

V EM 1105

6:57 Am
Checked #10 Seal ok in Gasing
0% CH4 0% CO 20.8% O2

7:14 Am
Checked #13 Seal ok in Gasing
0% CH4 0% CO 20.8% O2 Am

7:31 Am
Checked #21 Seal ok IN Gasing
0% CH4 0% CO 20.8% O2

Shoveled & dusted 1 S tail
- 46 Brk
shoveled 42-47 Brk
dusted around IN head
Area
Saw Beeman walking belt

Checked 3 sec #1 Rock box 2X

Changed out & wash
filter at E. M.

Checked splice 4 North
1 South
Checked pumps 8, 14, 30
#8 starter box not
working & off handle

Filled Rock Duster 1 South
Cleaned PL th Beeman
[illegible]

East

C spillage at flusht
magmeal rubble put bed
15 & 1R

SAme

filled out Notte
Books (Reports)

11-10-09
✓ Books
No Ride Again
Dellert took me to
door.
made sure belts up
Cleaned & taned at
floor three 1 South
Nothing Seen due to it
drivilled spillage
17½-15 Rck off side
Cleaned on 3 sec #1 head
same
✓ 14 pump
filled drain duster
at floor three mud
dust
Cleaned out 3 sec Rock Bay

walked from head-section to tell 3 about map we not sure phone working

✓ EM 1105 & #19, 8, 14
8 still not working
D Box not [illegible]

George & I greased 3 sec #6 head
worked on 15 spray
checked splices 15 AH
Greased 1 South ~~[illegible]~~

Changed out filters E M
Put lines on 8 [illegible]
Ramdup 1N tail
Cleaned come at tail
Belt clean

11-11-09 Wed
✓ Books & took 1/Jeep w/ George with me, swapped out [illegible] on hill
Took George to 1 South tail
changed & cleaned filter E Main called & told Danny Enduring
✓ 19, EM 1105 Good shape

Checked #5 Seal 8:29 Am ok
0% CH_4 0% CO 20.8% O_2
IN Gasing

#10-8:43 Am ok at TOE
0% CH_4 0% CO 20.8% O_2
IN Gasing

#13 - 9:05 AM ok at TOE
.05% CH_4 0% CO 20.8% O_2
IN Gasing

Cleaned 1 South tail
carried dust to OW
& cleaned up oil spillage

dusted Portal - 2 Brk
EM Punch Out

✓ #14 pump

~~Put Rollers on Board~~
~~#14 Hanger on 1 North~~

Need Dust at 3 head
Need put on pallet

Cleaned out feeder 3 sec #1

Cleaned on 3rd head

Checked splices 1S, 1N

BR Behind 3 sect Leakage
6 TCK BR Chu

1 N CTW 1/4 1/3 on gauge

BR 14 Hang

11-12-09 Thurs
Droopy & I took 6 Jeep
but knocking bk bad, brought
it back out. I rode with
crew to top of hill, then I
took it to 3 sec & unloaded
supplies.
Had to go outside & get pallet
of mine bits & take to
3 & unload. unload 3 ... ~~strike~~

~~[illegible]~~
~~[illegible]~~
~~[illegible]~~

Took hooks out of my
Box & put on of ... chain

filled [illegible] ...
15.27
VENT IDS

#10 Seal 10:18 Am OK
0% CH_4 0% CO 20.8% O_2
IN Gasing

#21 Seal old at TOE 10:25 Am
.05% CH_4 0% CO 20.8% O_2
IN Gasing

Tunnel splice in South
Needs made tonight
1' x 3'

Found belt down 21 Bh
fixed it back and
cleaned from 6 - 22

Shoveled 4 sec 1 tail spillage

Checked splice 15 IN 4th

11-13-09 F.R. [illegible]

✓ Bump & Took to [illegible]
went to 3 [illegible] & got [illegible]
1 [illegible] always [illegible] [illegible]
outside for [illegible] side

Went to EM [illegible]
& checked ex-[illegible] chain

Put in B K with [illegible]
[illegible] take up 3 sections
Droopy with me

✓ d EM. HO's

✓ d #10 Seal At 7:12 Am.
IN Gassy 0.05% CH4 0% CO
20.8% O2 [illegible] at TOE

✓ d #13 Seal AT 7:33 Am
IN Gassy .05% CH4 0% CO 20.8% O2

put in BR at 46 Bk 1 South

C 21 South [illegible]

AT 7:50 Am Got
Call to Go outside
Left outside 9:13 Am
[illegible] motor wouldn't [illegible]
(motor dead [illegible] down)
took Glen Rode to Head

Left outside 9:58 Am
AGAIN

trouble getting little
scoop B-K to set
Tony got it
unloaded 11:30
✓ 8, 14 Charged [illegible]
waited till 12:10 Danny
called [illegible] to [illegible]
[illegible]

11-13-09 FRI

A. Heal Dust 38 [illegible]
Need Dust [illegible]

Checked [illegible] 15, 1R

Blocking out 11, 21, 25-26, 30 | 38 leaving

1 S needs add dusting
1 W spot C & D

A. Heal & Raw dust at [illegible] tail

~~[illegible]~~

11-14-09 SAT
Took 6 Jeep in Droopy
with me
√ 19 EM 110'S, #13
helped with [illegible]
N Bck on 1 South
took 8" coupling to 4 ac
went to 1 N head &
set up [illegible] 2 X 5
helped with pumps
[illegible] 4 ac [illegible]
[illegible]

[illegible] #1's [illegible]
[illegible]

Cleaned & washed
filters EM

Checked splices 18 VN
" #30 + 13 pump
turned on 1 So

8-9 BR
10-11 3 BR's + Needle Round
25 BRK BR

Did F-R on 1 North

11-16-09 Mon
Took 6 Seeps on Droopy
walked intake
I went & checked on me
11 Bek & helped them
& then put rollers
& stanchions in from 8
-11
then we took broken
cradle out
Got belt going 8:12 Am
turned on 1 South 28k
Tail Dropped BR 8 Bek
into
I washed
Changed filter E M
(b) (7)(C) down on smoke

Replace 1 South

Coff P Bat D BK

dusted 5-7 on 1 North
& tool walk side

Quikrocks 1 South 1 North

11-17-09 Tues

Took 6 Jeep in

Took (b) (7)(C) to P Bk

V 19, Em 110's

made sure 1 South Up

Started 1 North

went to 4 sec
trained on # 2 some
& Dropped BR

Trained on #3 watched
them load on it some
Road-tail left 8'40

dusted 8-10 walk side
on 1 N

cleaned & dusted 1 St tail
area #46-47 Bk & same
around 1 N head

moved pump & Cable out
to deeper water at 3 Bed
& pump 3 Brk down 2 spun

shoveled 42-46 on 1 South
walkside

Cleaned V-plow ~~[illegible]~~
~~[illegible]~~ 2 on 4

~~Took Rick E. & insp~~
~~out mouth of 3-outside~~

filled & Radiator 15 F.T.
" " 1 N.T.

Checked splices 45, 44
41, 42, 43

Need belt switch 2 Brom 4th 1
" " " 10 on #2

14 Brk on #2. Need 2 B Rolls

16 Need Window Sizes

1st 1 Taking need C
some water behind wheel
Needs D

#2 taking need C
Needs D

#3 N/A

Call (b) (7)(C)

put F.V. Caps on
9 switches & Ruff logic

11-18-09 Wed
Took 6 Jeep in
✓ 19 Brk, EM 110's

Took (b) (7)(C), 1 South Tail

✓ #13 Seal 6:44 Am 1N Gassing
ok .05% CH_4 0% CO 20.8% O_2

✓ 10 Seal 6:57 Am 1N Gassing
.05% CH_4 0% CO 20.8% O_2 ok

✓ 5 Seal 7:15 Am 1N Gassing
.05% CH_4 0% CO 20.8% O_2
Copper tube is cracked near seal
someone has put tape
just over crack (coupling?)
talk to Harley

changed & washed filter
at EMains
Checked & Ran 14 Brk Pump

Grease Takeup 1 South head

Took Dust to EM from 3
Carried & dust 21-26
went to 1S Tail & picked
up (b) (7)(C)

filled drum duster at
1 South Floor the

8 Brk pump 3 See needle
starting bop

Dropped BR needs hanger
11-12 Brk on 1N

Checked splice 1N, 1S

1 South 17-20, 25 Tail
need dusting
Checked 4 South & tunnel
Looking

11-19-09 - Thurs

Helped (b) (7)(C) look for parts & took him to 3 sec before SOS

Took 6 Jeep put Ran charge

make ems belts up
checked EM 1105, 19 Locked out

#5 Seal 6:31 Am IN Gasing ok
.05% CH_4 0% CO 20.8% O_2
tubing

#10 6:46 Am IN Gasing ok
.05% CH_4 0% CO 20.8% O_2

#13 6:58 Am IN Gasing ok
.05% CH_4 0% CO 20.8% O_2

#21 7:09 Am IN Gasing ok
.05% CH_4 0% CO 21.2% O_2

went to EM punch & picked Droopy up

Droopy & [illegible] I helped Clay load blocks on scoop at 19

~~[illegible]~~

loaded fire hose for 4

Took fire hose to #2 & #3 header 4

C&D #2 tail

Droopy C #1 tail
~~[illegible]~~ then we went back to cleaned taking
[illegible] tail [illegible]
[illegible]

Got 110's running a 4
put fire [illegible] 3 [illegible]

Dusted 3 sec # [illegible]

[illegible] duster [illegible] SPC

Checked splices 1S, 1N

#30 pump ok

1 South add D 17-24, 252 tail

1 North Spot c D

4# 1 Splice VD Ind 6 clips
8 splices
B Roller 7 Brk
Spot c D takeup
Need dusted

#2 BR 13-14

14 inby conv 2 Sandyjack
8 7 wallside
Needs D takeup 9

Jumped behind PB at 3 head
C off PBox

V Splices 2 9 3C

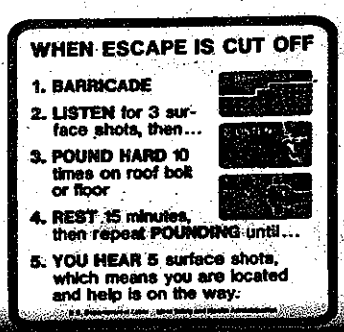
#3 add D tail 1c

FIRST AID BASICS

* Conduct an initial survey of the area for any life-threatening hazards.
* Do not move the injured person until you have a clear understanding of the injury. Always suspect a spinal injury if the patient is unconscious.
* Remember your A B C's: **A**irway, **B**reathing and **C**irculation.
* Send someone to the first aid trailer for needed treatment materials.
* Alert the mine office of the accident and request an ambulance if necessary.
* Call for the nearest EMT.
* Open wounds should be sealed or covered with sterile dressings.
* Fractures should be immobilized.
* Imbedded objects should not be removed.
* Treat the patient for shock.
* Keep the patient as calm as possible.
* Transport carefully.

FIRE OR EXPLOSION PROCEDURES

* Don SCSR.
* Determine immediately:
  1. What employees are affected?
  2. What area of the mine is affected?
* Alert all personnel to assemble at a predetermined location in the intake air.
* Turn off the power on all face equipment.
* Turn water sprays off on all face equipment to conserve water.
* Notify the surface by phone or any other communication available during the emergency.
* Call for additional fire fighting equipment and materials.
* If the situation is not life-threatening, leave two persons at the communication post and return to the emergency area with all fire fighting equipment available. DO NOT TAKE CHANCES, evacuate if necessary.



VENTILATION CHECKLIST

* BE SURE methane tests are made
  ____ before equipment is energized at the face.
  ____ before equipment is trammed to the face.
  ____ immediately before welding, cutting, soldering.
  ____ continuously during welding, cutting, soldering.
  ____ at least every 20 minutes (or more often if required when face equipment is operating).
* BE SURE methane monitor is operating properly - don't ignore or overlook possible monitor malfunction.
* DO NOT enter <u>any</u> areas which have not been examined - especially idle or abandoned areas.
* REPORT any noticeable change in air velocity.
* BE SURE line brattice is kept within 10 feet of the face (or other required distance).
* REPORT &/OR REPAIR any damage to ventilation controls (crushed-out stoppings, line brattice, check curtains, etc.).
* BE SURE water sprays and scrubber (where installed) are operating properly and <u>in use</u> while cutting coal.
* BE SURE sufficient area is provided behind line curtains (for sufficeint airflow).
* BE SURE all air lock doors are kept closed.
* DO NOT change or alter any ventilation controls without proper authorization - leave as found.
* REPORT unusual hissing sounds (methane gas feeders, ventilation tubing leaks, etc.).
* REPORT strange odors (rotten egg smell, burning sensation in nose/eyes/throat, etc.).

GASES

1. Make gas examination test with:
   1. Approved Methane detector.
   2. Approved flame safety lamp.
2. When and where to make gas examinations:
   1. Before energizing equipment at the start of any shift.
   2. All section working places, returns, returns from pillar lines, and returns from advancing sections.
   3. High cavities.
   4. Main returns and shafts.
   5. At intervals of 20 minutes while operating machinery at the face.
   6. Before burning or welding is done.
   7. At frequent intervals, examine the exhaust from auxiliary fan for gas.
3. Any time 1.5% or more of methane is encountered in the face, de-energize the equipment and reduce the methane content below 1% before resuming operations.
4. If 1.5% or more methane is detected in the return split, withdraw personnel to a safe area, de-energize all equipment on the section until methane falls below 1%.

ROOF CONTROL HIGHLIGHTS

* All places shall be roofbolted prior to abandonment.
* A test hole shall be drilled in each intersection before reactivating an area that has been idled more than 14 days.
* Test holes will be drilled to 12 inches above the anchor zone at each intersection when tension bolts are used.
* ATRS shall be no more than 5 feet inby the last row of permanent support.
* Mine openings shall not be holed through into unsupported areas.
* Only one pillar corner in a line of crosscuts will be removed, all others will be square.
* Falls or excavated areas shall be supported as per plan.
* Bolts shall be installed to within 1 foot of face.

VENTILATION PLAN HIGHLIGHTS

* Return stopping maintained to 4th outby crosscut.
* Intake stopping maintained to belt tailpiece.
* A curtain shall be maintained in all places driven more than 20 feet inby the rib line.
* Diesel Equipment.
  - Tests for: CO, No^2, NO.
  - Twice during shift.
  - After any corrective maintenance.
  - Record any unsafe conditions.
* Methane Tests
  - Before taking equipment to face.
  - At 20 minute intervals.
  - Before energizing equipment at the face after a breakdown.
  - Before cutting or welding.
* 5,000 CFM at end of curtain prior to the continuous miner being used at the face.
* Line curtain to be within 8 feet of the bumper at the beginning of the cut and then maintained up to the 2nd row of bolts.
* Water sprays must operate on:
  - Belt drives.
  - Other transfer points.
  - On the bottom belt.
  - Continuous miners.

CHECKLIST REMINDER
SHIFT FOREMAN

1. Employees - proper safety equipment - task training.
2. Fireboss Books - proper pre-shifts - violations.
3. Sections - ventilation, supplies, sights, cleanups, rock dust, etc.
4. Haulage - track, clearance & cables.
5. Ventilation - overcasts, stoppings.
6. Roof Support - spacing and materials.
7. Electrical - fire protection, cables hung, guarding.
8. Belts - well maintained, clean, rock dusted.
9. Water - pumps, leaks, sumps, fire protection.
10. Battery Charging Stations - housekeeping, vented, fire protection.
11. Communications - telephones, radios.
12. Firebossing - all areas examined.
13. Safety Observations.

HOUSEKEEPING

1. Oil Cans
   a. Keep all oil cans together.
   b. Keep rock dust and fire extinguisher there.
   c. Send all empty cans outside.
2. Keeping Equipment Clean
   a. Avoid all possible oil spillage.
   b. Clean oil and coal accumulation from all equipment.
   c. Dirty equipment is a fire hazard.
3. Storing Of Materials
   a. Store supplies in a safe place. (Not under loose top or ribs)
   b. Stack material so as not to fall or roll.
   c. Always have walking clearance.
   d. Store rock dust in a dry place.
   e. Do not cover small material.
4. Place For Tools
   a. Saves time and tools.
   b. The right tool makes a job safer.
5. Value Of Housekeeping
   a. More efficient and makes a job easier.
   b. Prevents injuries.
   c. Reduce fire hazard.
   d. More pleasant place to work.

SECTION FOREMAN

1. Employees - proper safety equipment - task training.
2. Portal Bus - jack and bar, fire extinguisher, sanders, eyeglasses, etc.
3. Mantrip Station - high voltage guarded, clearance, etc.
4. Supply Cars - properly blocked, positive stop block.
5. Ventilation - faces, last open crosscut, stoppings, curtains, methane tests.
6. Roof Control - torque wrench, test holes, bolt spacing, loose roof.
7. Battery Charging Station - housekeeping, vented, fire protection.
8. Belt Feeder - emergency cord, panic bars, coal and float dust, guards.
9. Scoop - battery lids secured, plugs locked, panic bars.
10. Section Equipment - free of coal dust, pre-operational check made, guards, cable, lights, brakes, panic bars, proper tools.
11. Dinner Hole - escapeway map, first-aid material, cleanliness.
12. Safety Observations.
13. Power Center - mats, cable tags, breaker setting and lock-out procedures, guards, fire protection, ground plugs.
14. Beltline - clean, rock dusted, belt rollers.
15. S.C.S.R.'s - inspection - location - amount.
16. Escapeway - map, drills, first aid supplies.

CHECKLIST REMINDER
BELT FOREMAN

1. Employees - proper safety equipment - task training.
2. Transportation - jack and bar, fire extinguishers, sanders, brakes.
3. Work Area - roof support, tripping hazards.
4. Beltline - splices, blocking, guards, rollers, cleaning, sprays, switches, free of float dust, clearance.
5. Belt Drive - alignment, guards, fire suppression, cleaning, cables hung.
6. Electrical - fire extinguishers, mats, cables hung, rock dust.
7. Pipe - outlets, nipples, etc.
8. Equipment - well maintained, proper tools.
9. Escapeways - inform employees.

Individual Job Safety Observation

Mine/Plant Name:_____

Employee's name:_____

Date of job safety observation:_____ **Shift:** ☐1 ☐2 ☐3

Job being performed:_____

Were proper tools and safety equipment being used? ☐Yes ☐No

Detail any deficiencies:_____

Did employee conduct proper pre-operational checks? ☐Yes ☐No

Detail any deficiencies:_____

List tasks employee performed properly:_____

_____

_____

_____

List tasks observed where improvements are indicated:_____

_____

_____

Was this safety observation discussed with the employee? ☐Yes ☐No

Additional comments:_____

_____

11-20-09 FRI
✓ #19, Droopy ... EM 110'S
Changed ... filters EM
Cleaned & dusted 3 sec #1 head ...
shoveled 3-9 outby and 3 #1
Droopy on ... side

Droopy had to go fill ... on
North Side ... went
home (emergency)
Checked 3 #1 splices 3D
Put BR in 4 Brk
took top out 7 Brk
FRAMPTON A Thread
✓ #14, 8, 30, 4 sec 110's
Checked splices 1 South North
filled bran duster 1 South F.T.

Individual Job Safety Observation

Mine/Plant Name:

Employee's name:

Date of job safety observation: Shift: ☐1 ☐2 ☐3

Job being performed:

Were proper tools and safety equipment being used? ☐Yes ☐No

Detail any deficiencies:

Did employee conduct proper pre-operational checks? ☐Yes ☐No

Detail any deficiencies:

List tasks employee performed properly:

List tasks observed where improvements are indicated:

Was this safety observation discussed with the employee? ☐Yes ☐No

Additional comments:

* Do PM's *

3 ~~tail needs~~ C
V flow Roller going down
water outlet tail bed grade
Need 9' Sandjacks on corner
at water ditch
26 BR Needs changed
22-23 2 Top out side lgs
18-tail add D
~~9-tail needs spot C~~
1S, 1N Same
4#1 ~~takeup~~ needs C, Needs
Spot C, Need D cleaned
outlet (8 V open)
Strev leaking 3 brk

Individual Job Safety Observation

Mine/Plant Name: ____________________

Employee's name: ____________________

Date of job safety observation: ____________ Shift: ☐1 ☐2 ☐3

Job being performed: ____________________

Were proper tools and safety equipment being used? ☐ Yes ☐ No

Detail any deficiencies: ____________________

Did employee conduct proper pre-operational checks? ☐ Yes ☒ No

Detail any deficiencies: ____________________

List tasks employee performed properly: ____________________

List tasks observed where improvements are indicated: ____________________

Was this safety observation discussed with the employee? ☐ Yes ☐ No

Additional comments: ____________________

11-24-09 Tues water left in 5
on 11-23 Dropp reported outside
Phone not working (W/t for sure)
11-23 EVE Pete Power had been
moved off section for ace equipment

4 section #3 Beltheard PBox
water touching mat at Back
7:20 Am

went across faces back PB
on 4 leg 7:35 everything ok
No water or falls
0% CH_4 0% CO 21.1% O_2

1 Intake 1 Inby Last 2 Stoppings

A = 18.5 W
6.5 A
94.5
11.10
120.450
474 R
No Correct

474
120
9480
474
56880

Individual Job Safety Observation

Mine/Plant Name: ____________

Employee's name: ____________

Date of job safety observation: ____________ Shift: ☐1 ☐2 ☐3

Job being performed: ____________

Were proper tools and safety equipment being used? ☐ Yes ☐ No

Detail any deficiencies: ____________

Did employee conduct proper pre-operational checks? ☐ Yes ☐ No

Detail any deficiencies: ____________

List tasks employee performed properly: ____________

List tasks observed where improvements are indicated: ____________

Was this safety observation discussed with the employee? ☐ Yes ☐ No

Additional comments: ____________

V 4 Re Chamber

Bottom 4500 PSI

~~Temp~~ Mid 4425 PSI

~~Temp~~ Top 4225

Temp 54°

Last Cal 10-24-09

Now 11-24-09

Water at 25 B-K but passable

Pulled lots loose rock & moved some reflectors closer for 25' span

Needs some ~~of~~ more added

Individual Job Safety Observation

Mine/Plant Name: _____

Employee's name: _____

Date of job safety observation: _____ Shift: ☐1 ☐2 ☐3

Job being performed: _____

Were proper tools and safety equipment being used? ☐Yes ☐No

Detail any deficiencies: _____

Did employee conduct proper pre-operational checks? ☐Yes ☐No

Detail any deficiencies: _____

List tasks employee performed properly: _____

List tasks observed where improvements are indicated: _____

Was this safety observation discussed with the employee? ☐Yes ☐No

Additional comments: _____

_____

Supervisor's signature

3-4 Brk (4 or 5 Brk for 3 Sec 19 ...

19	853 R
6.5	-20 C
9.5	833
11.5	124
124.5	3332
1245 A	1666
	833
	103,292 CFM

~~Got~~ Had to Go outside & Get Dolly for 1 South Tail

Calibrated Detector from 4 Sec Charlie while there intake ok at 121298

Changed ... filters

Emains

put it back when fire bossed

Individual Job Safety Observation

Mine/Plant Name: ____________________

Employee's name: ____________________

Date of job safety observation: ____________ Shift: ☐1 ☐2 ☐3

Job being performed: ____________________

Were proper tools and safety equipment being used? ☐Yes ☐No

Detail any deficiencies: ____________________

Did employee conduct proper pre-operational checks? ☐Yes ☐No

Detail any deficiencies: ____________________

List tasks employee performed properly: ____________________

____

____

____

List tasks observed where improvements are indicated: ____________________

____

____

Was this safety observation discussed with the employee? ☐Yes ☐No

Additional comments: ____________________

____

____
Supervisor's signature

#5 Seal 10:45 Am IN Gassy ok
.05% CH_4 0% CO 21.0% O_2

#10 Seal 11:05 Am IN Gassy ok
.05% CH_4 0% CO 20.8 O_2

#13 Seal 11:19 Am IN Gassy ok
.05% CH_4 0% CO 20.8% O_2

#21 Seal 12:04 PM IN Gassy OK
.05% CH_4 0% CO 20.8% O_2

No power 3, D-Box 8 Bk Pump
Checked EM 110'S, 19, 30, #4
Got 110 pump Spun on 4 Going
water ok 3 Bk, Stuff still
leaking turned water off IN
Going #4

Individual Job Safety Observation

Mine/Plant Name: ______

Employee's name: ______

Date of job safety observation: ______ Shift: ☐1 ☐2 ☐3

Job being performed: ______

Were proper tools and safety equipment being used? ☐ Yes ☐ No

Detail any deficiencies: ______

Did employee conduct proper pre-operational checks? ☐ Yes ☐ No

Detail any deficiencies: ______

List tasks employee performed properly: ______

List tasks observed where improvements are indicated: ______

Was this safety observation discussed with the employee? ☐ Yes ☐ No

Additional comments: ______

______
Supervisor's signature

Track 1 Brk out by Switch
of Danger Board

298 R A 00/7 Power on
+10 C 140 Boxes 4 #1
308 308 Head

140
12320
308
43,120

4 Sec

3 Sec
17-18 Brk Before Mouth
of 3 No power on 3

Power 17 Brk
378 R 19 388
+10 C 5 95
388 V 95 = A 1940
3492
36860

Pumps PC's
track safe at exam

Individual Job Safety Observation

Mine/Plant Name: ______

Employee's name: ______

Date of job safety observation: ______ Shift: ☐ 1 ☐ 2 ☐ 3

Job being performed: ______

Were proper tools and safety equipment being used? ☐ Yes ☐ No

Detail any deficiencies: ______

Did employee conduct proper pre-operational checks? ☐ Yes ☐ No

Detail any deficiencies: ______

List tasks employee performed properly: ______

______

______

______

List tasks observed where improvements are indicated: ______

______

______

Was this safety observation discussed with the employee? ☐ Yes ☐ No

Additional comments: ______

______

______

11-30-09

✓ Books
Took 6 Japn

Delivered & installed
top 6, 8, 9 B 15
2 L22-23 26

put forklift on charger
put mat, hung cable
& fire ext at charger

Droopy & I hung 200' cable
for D-Box

Checked 8 & 14 pumps

Left 14 running

Changed & [illegible] filter E [illegible]

Individual Job Safety Observation

Mine/Plant Name: ____________

Employee's name: ____________

Date of job safety observation: ____________ Shift: ☐ 1 ☐ 2 ☐ 3

Job being performed: ____________

Were proper tools and safety equipment being used? ☐ Yes ☐ No

Detail any deficiencies: ____________

Did employee conduct proper pre-operational checks? ☐ Yes ☐ No

Detail any deficiencies: ____________

List tasks employee performed properly: ____________

List tasks observed where improvements are indicated: ____________

Was this safety observation discussed with the employee? ☐ Yes ☐ No

Additional comments: ____________

C&D around 3rd 1 head
filled & rock dusted 1 South
Had Mike & Reed shot dust
16-20 on 1 South track side
Checked splices
spot C 2-3 on 1 South
Brk Cradle 43 2 out each side
46

MAPS

1. All sections must have a map posted.
2. Following information shall be posted on the map:
   a. Overcast.
   b. Stoppings.
   c. Doors.
   d. Intake escapeway - (show to men).
   e. Return and return escapeway - (show to men).
   f. Track.
   g. Belt
   h. Air flow indicated by arrows.
   i. Regulator.
3. The above information should also be accurately recorded and updated on each foreman's personal projection.
4. Each foreman must carry and update his projection daily.
5. Post and keep map clean.

SIGHT AND RIB LINES

1. Take sights properly.
2. Measure accurately.
3. Drive places strictly on sights.
4. Properly mark sight and rib lines.
5. Paint distance marks.
6. Proper advancement of sight points.
7. Properly mark for new starts.
8. Keep constant supervision to see that places are cut according to plan to avoid gouging and excessive widths.
9. Mine according to approved projection only!

TURNING A 90 DEGREE ANGLE

Performed by:

Section Foreman.

Materials required to complete job:

1. Chalk to mark roof.
2. Tape measure.
3. Rope.

Responsibility:

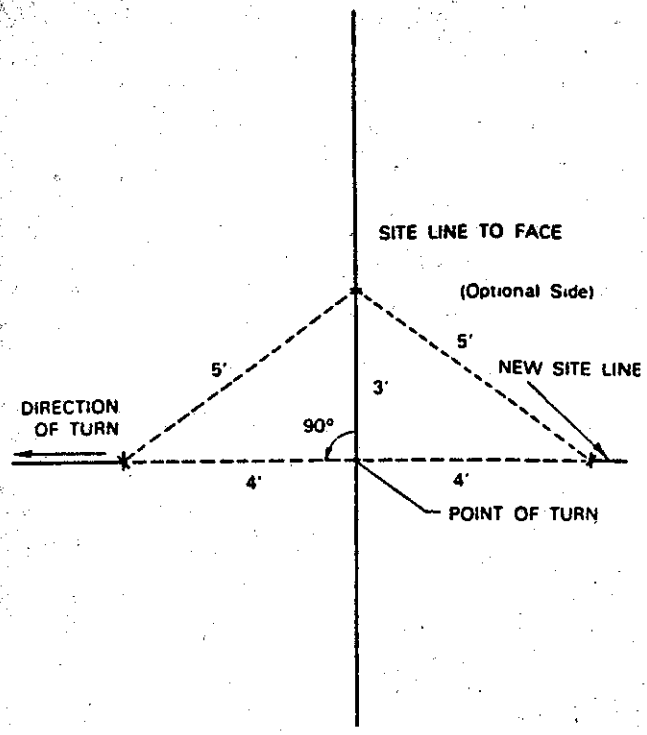
Section foreman is responsible for measuring and showing the initial direction of all crosscuts at the face.

Continuous miner operator is responsible for following the site line according to our approved plan.

Instructions to complete job:

1. Mark up center line to the face.
2. Establish the "point of turn" by measuring the proper distance from the last permanent spad.
3. From "point of turn" measure either inby or outby 3 feet.
4. From "point of turn" measure 4 feet and strike an arc in general direction of the turn.
5. From the 3 foot mark, measure 5 feet and strike an arc intersecting the previous mark.
6. This process can be reversed to give a 3rd point.
7. Strike a line from the "point of turn" to the intersection of the 2 arcs.

EXAMPLE: Turn 90 Degree using 3-4-5 method



Planning:

1. The section foreman shall determine according to the mining cycle when to turn a crosscut. He shall then measure the desired distance and direct the proper way to turn.
2. The continuous miner operator is responsible for turning the crosscut in the direction shown.

TURNING A 60 DEGREE ANGLE

Performed by:

Section Foreman.

Materials required to complete job:

1. Chalk to mark roof.
2. Tape measure.
3. Rope.

Responsibility:

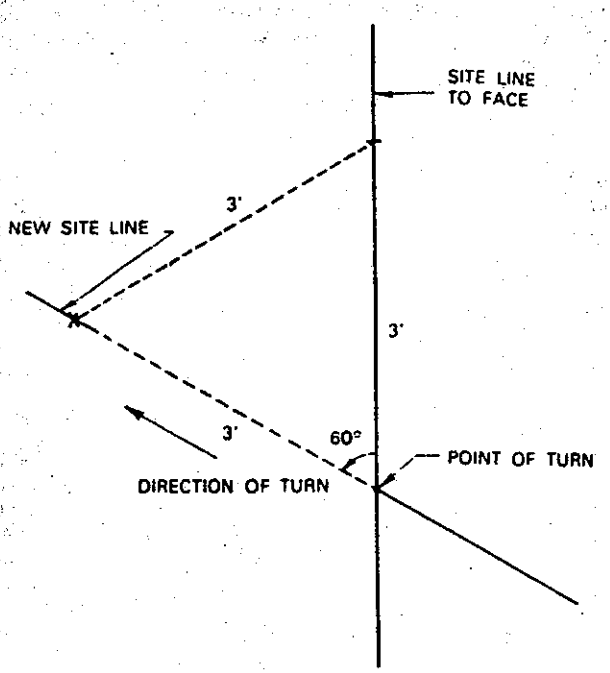
Section foreman is responsible for measuring and showing the initial direction of all crosscuts at the face.

Continuous miner operator is responsible for extending and following the site line according to our approved plan.

Instructions to complete job:

1. Mark up center line to the face.
2. Establish the "point of turn" (center of crosscut) by measuring the proper distance from the last permanent spad.
3. From the "point of turn" measure 36" in the general direction of the the turn that is to be made and strike an arc.
4. From the "point of turn" measure 36" inby.
5. From the point established in previous step, measure 36" in the general direction of the arc that was previously marked. This arc will intersect the first arc.
6. Using a rope of adequate length (minimum 10 feet) strike a line from the "point of turn" to the intersection

EXAMPLE: Turn 60 Degree using 3-3-3 method



Planning:

1. The section foreman shall determine according to the mining cycle when to turn a crosscut. He shall then measure the desired distance and direct the proper way to turn.
2. The continuous miner operator is responsible for turning [illegible] direction shown.

DEGREE ANGLE

Performed by:

Section Foreman.

Materials required to complete job:

1. Chalk to mark roof.
2. Tape measure.
3. Rope.

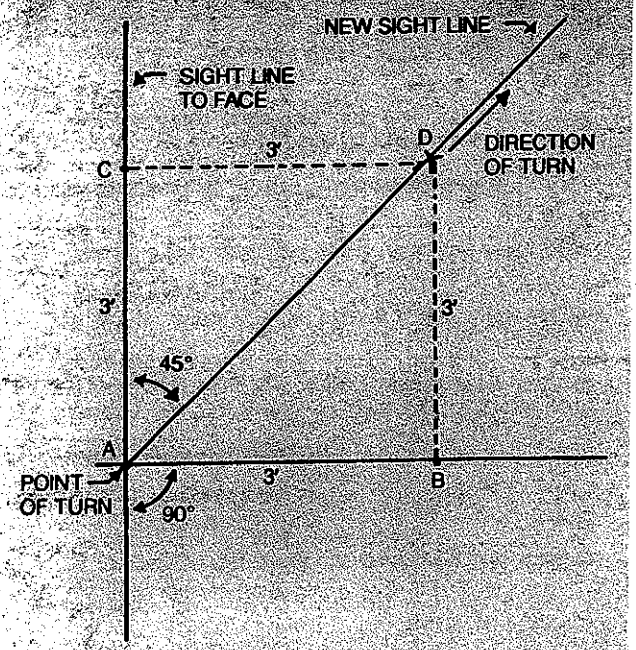
Responsibility:

Section foreman is responsible for measuring and showing the initial direction of all crosscuts at the face.

Instructions to complete job:

1. Mark up center line to the face.
2. Establish the "point of turn" (center of crosscut) point "A", by measuring the proper distance from the last permanent spad.
3. Follow the directions for turning a 90 degree angle and mark line on roof.
4. Measure 3 feet along 90 degree line and mark point "B".
5. Masure 3 feet inby point of turn and mark point "C".
6. Strike a 3 ft. arc from point "B" and point "C" in the general direction of the turn, until they intersect forming point "D".
7. Connect a line from point "A" to point "D".

EXAMPLE: Turning a 45 Degree Angle



Planning:

1. The section foreman shall determine according to the mining cycle when to turn a crosscut. He shall then measure the desired distance and direct the proper way to turn.
2. The continuous miner operator is responsible for turning the crosscut in the direction shown.

FOREMAN'S ACCIDENT REPORT

Name _____ Accident Time _____ (a.m.) (p.m.)

Accident Date _____ Injured Body Part _____

Occupation _____

Occupation Experience _____

Exact Location of Accident _____

What Happened?

_____

_____

_____

What did the Employee Do or Fail to Do?

_____

_____

Why did the Employee Do What They Did?

_____

_____

Did Some Other Person Contribute to the Accident?

_____

What Conditions of the Employee's Environment Contributed to the Accident?

_____

_____

Was the Employee Instructed in This Procedure?

Yes _____ No _____

When Was Their Last Safety Contact on This Job? _____

What Action Have You Taken and/or Do You Plan to Take to Prevent Recurrence?

_____

_____

Last Accident to This Individual _____ Date _____

List names of Witnesses _____

12-1-09 Tues

✓ F.B. Books

Took 6 Jeeps in

✓ #19 XEM IID'S, 14 punched fire ext.

Took Harley to Punch Out

Took 200' fire hose to 1 South head & conveyor ends

worked on discharge line for pump until about 8

Gary called had to go outside & get pallet of dust & take to 3 section

George helped me

Then took sand jacks to 4 sec 11-12 Bk & left them

FOREMAN'S ACCIDENT REPORT

Name ________ Accident Time ______ (a.m.) (p.m.)

Accident Date ________ Injured Body Part ________

Occupation ________

Occupation Experience ________

Exact Location of Accident ________

What Happened? ________

What did the Employee Do or Fail to Do? ________

Why did the Employee Do What They Did? ________

Did Some Other Person Contribute to the Accident? ________

What Conditions of the Employee's Environment Contributed to the Accident? ________

Was the Employee Instructed in This Procedure?

Yes ______ No ______

When Was Their Last Safety Contact on This Job? ________

What Action Have You Taken and/or Do You Plan to Take to Prevent Recurrence? ________

Last Accident to This Individual ________ Date ________

coming back to 5 sec met state insp. Jerry showed me wide places 19-22 bk needs 5-7' sandjacks lots of them

trimmed splice in 1 South needs made tonight 1'x3' or offside

C & D around 3 sec #third

filled 2 rock dusters at 1 South Flow Thru

cleaned at flow thru

Got pumps going on 4 sec 110 while there lot of water at 3 bk

Checked splice 1S, 1W, 4#1, 2, 3

FOREMAN'S ACCIDENT REPORT

Name ______________ Accident Time ______ (a.m.) (p.m.)

Accident Date __________ Injured Body Part __________

Occupation ______________________________

Occupation Experience ______________________________

Exact Location of Accident ______________________________

What Happened?

____

____

____

What did the Employee Do or Fail to Do?

____

____

Why did the Employee Do What They Did?

____

____

Did Some Other Person Contribute to the Accident?

____

What Conditions of the Employee's Environment Contributed to the Accident?

____

____

Was the Employee Instructed in This Procedure?

Yes ______ No ______

When Was Their Last Safety Contact on This Job? ________

What Action Have You Taken and/or Do You Plan to Take to Prevent Recurrence?

____

____

Last Accident to This Individual __________ Date ______

Heat seal sheet 3 sec [illegible]
Seal scraper 3 sec [illegible] 23

Cleaned 1S [illegible]
put in [illegible] 46 Brk
dusted around 1S [illegible]
Cleaned off PB 1N

1S 26 tail spot D
1N spot D spot C
4# 1 spot C needed D
take up needs
Cleaned tail
#2 14, 18 off side Tail
Tail need C
Spot C needs D
V [illegible] Roller stuck

FOREMAN'S ACCIDENT REPORT

Name ____________ Accident Time ______ (a.m.) (p.m.)
Accident Date ____________ Injured Body Part ____________
Occupation ____________
Occupation Experience ____________
Exact Location of Accident ____________
What Happened?
____
What did the Employee Do or Fail to Do?
____
Why did the Employee Do What They Did?
____
Did Some Other Person Contribute to the Accident?
____
What Conditions of the Employee's Environment Contributed to the Accident?
____
Was the Employee Instructed in This Procedure?
Yes ______ No ______
When Was Their Last Safety Contact on This Job? ______
What Action Have You Taken and/or Do You Plan to Take to Prevent Recurrence?
____
Last Accident to This Individual ______ Date ______

Channel off P Boat #3 head
~~Channel line~~
#3 needs = 1D-7' equal
Jacks sih P Boc-tail

FOREMAN'S ACCIDENT REPORT

Name ______________ Accident Time ______ (a.m.) (p.m.)
Accident Date ________ Injured Body Part ________
Occupation ______________________
Occupation Experience ______________________
Exact Location of Accident ______________________
What Happened?
____
____
____
What did the Employee Do or Fail to Do?
____
____
Why did the Employee Do What They Did?
____
____
Did Some Other Person Contribute to the Accident?
____
What Conditions of the Employee's Environment Contributed to the Accident?
____
____
Was the Employee Instructed in This Procedure?
Yes ______ No ______
When Was Their Last Safety Contact on This Job? ________
What Action Have You Taken and/or Do You Plan to Take to Prevent Recurrence?
____
____
Last Accident to This Individual __________ Date ________

12-2-09 Wed
✓Books, Took 6 Jeep in
Took George to 1 South tail
✓#19, 2EM 110'S
#5 seal 7:02 AM IN Gasing ok
.05% CH_4 0% CO 20.8% O_2
#10 Seal 7:18 Am IN Gasing ok
.05% CH_4 0% CO 20.8% O_2
#13 Seal 7:32 Am IN Gasing ok
.05% CH_4 0% CO 20.8% O_2
#21 Seal 7:48 Am IN Gasing ok
.05% CH_4 0% CO 20.8% O_2

Got 110 pumps pumping takeup
#3 Belt on 4

Cleaned 4 #1 takeup

Shoveled 16-17 [illegible] IN
Checked splice 4 #1, IN

FOREMAN'S ACCIDENT REPORT

Name ____________ Accident Time ______ (a.m.) (p.m.)
Accident Date ________ Injured Body Part ________
Occupation ____________
Occupation Experience ____________
Exact Location of Accident ____________
What Happened? ____________

What did the Employee Do or Fail to Do? ____________

Why did the Employee Do What They Did? ____________

Did Some Other Person Contribute to the Accident? ____________

What Conditions of the Employee's Environment Contributed to the Accident? ____________

Was the Employee Instructed in This Procedure?
Yes ______ No ______
When Was Their Last Safety Contact on This Job? ______
What Action Have You Taken and/or Do You Plan to Take to Prevent Recurrence? ____________

Last Accident to This Individual ________ Date ______

Changed out + washed filter at EM.

Cleaned on 3 sec #1 head takeup

Cleaned out " " " Rockless

Filled & ran duster 1 S flow th

Need dust 1 North tail

Need duster fixed 1 S tail

1 S splices need one made

Power & fan off 1:31

FOREMAN'S ACCIDENT REPORT

Name ______________ Accident Time ______ (a.m.) (p.m.)

Accident Date __________ Injured Body Part __________

Occupation ______________________________

Occupation Experience ______________________________

Exact Location of Accident ______________________________

What Happened?

____

____

____

What did the Employee Do or Fail to Do?

____

____

Why did the Employee Do What They Did?

____

____

Did Some Other Person Contribute to the Accident?

____

What Conditions of the Employee's Environment Contributed to the Accident?

____

____

Was the Employee Instructed in This Procedure?

Yes ______ No ______

When Was Their Last Safety Contact on This Job? ________

What Action Have You Taken and/or Do You Plan to Take to Prevent Recurrence?

____

____

Last Accident to This Individual __________ Date ________

5-9 Thurs
Pad & [illegible]
checked 19
went & checked on 15
splice crew
worked 18 Bd pump
lines, [illegible] Bik
6 Broken Pump
then 19 Bik pumps
put in check valves
etc   until of B time
4-5 again
20-21
25-26 [illegible]
Cleaned [illegible] at 3# 1
[illegible] 15 F.T.

FOREMAN'S ACCIDENT REPORT

Name ______ Accident Time ______ (a.m.) (p.m.)
Accident Date ______ Injured Body Part ______
Occupation ______
Occupation Experience ______
Exact Location of Accident ______
What Happened? ______

What did the Employee Do or Fail to Do? ______

Why did the Employee Do What They Did? ______

Did Some Other Person Contribute to the Accident? ______

What Conditions of the Employee's Environment Contributed to the Accident? ______

Was the Employee Instructed in This Procedure?
Yes ______ No ______
When Was Their Last Safety Contact on This Job? ______
What Action Have You Taken, and/or Do You Plan to Take to Prevent Recurrence? ______

Last Accident to This Individual ______ Date ______
List names of Witnesses ______

#1 South
Broke cradle 9 Bit
Bad Top side roller
Next piece of structure
by it
Dropped B R 35
Needs Hanger
26 Tail D

#1 N Blower Fan Not on
Needs a spot D

4#1 needs D spot C
water behind [illegible]
tail needs C
#2 Needs D add C tail need C
14 & 18 need [illegible]
#3 Needs C [illegible]
[illegible] Needs add D
Br Koulley needs [illegible]

FOREMAN'S ACCIDENT REPORT

Name ______________ Accident Time ______ (a.m.) (p.m.)
Accident Date ______________ Injured Body Part ______________
Occupation ______________
Occupation Experience ______________
Exact Location of Accident ______________
What Happened?

____

What did the Employee Do or Fail to Do?

____

Why did the Employee Do What They Did?

____

Did Some Other Person Contribute to the Accident?

____

What Conditions of the Employee's Environment Contributed to the Accident?

____

Was the Employee Instructed in This Procedure?
Yes ______ No ______
When Was Their Last Safety Contact on This Job? ______
What Action Have You Taken and/or Do You Plan to Take to Prevent Recurrence?

____

Last Accident to This Individual ______________ Date ______
List names of Witnesses

12-4-09 FRI
✓19 3X10,

Changed & wash filters EM
trimmed 3 splices 1 South
TT 1 splice in 3# 1
N cole 2 splices made

monitor old works &
hang curtains in Rooms

pulled belt over at
16 on 3# 1 with comealong

Set 5 crawl jacks K Bik
to hill & got 5 ready for tomorrow
Checked 18, 8, 14 pumps
#30, 1 South tail
filled brattice duster 1 South Flow

FOREMAN'S ACCIDENT REPORT

Name ________ Accident Time ______ (a.m.) (p.m.)
Accident Date ________ Injured Body Part ________
Occupation ________
Occupation Experience ________
Exact Location of Accident ________
What Happened?
____
____
____
What did the Employee Do or Fail to Do?
____
____
Why did the Employee Do What They Did?
____
____
Did Some Other Person Contribute to the Accident?
____
What Conditions of the Employee's Environment Contributed to the Accident?
____
____
Was the Employee Instructed in This Procedure?
Yes ______ No ______
When Was Their Last Safety Contact on This Job? ______
What Action Have You Taken and/or Do You Plan to Take to Prevent Recurrence?
____
____
Last Accident to This Individual ________ Date ________
List names of Witnesses ________

[illegible] cable out 43 on 1 South
cleaned same on 1 Utah
Checked splices 1S, 1 North
[illegible]
took out top at 43

1S & 1N same

UNWARRANTABLE
FAILURE PROCEDURES

- Do not destroy or alter scene.
- Notify mine foreman.
- Begin investigation.
  - How long did the violation exist?
  - Is the violation repetitious?
  - Is the violation deliberate?
  - Did Sidney Coal know it's actions violated the law?
  - Is the violation in an area routinely preshifted or inspected?
  - Was there a failure to report the condition?
  - Did the violation violate company training or policy?
  - Do any records indicate the violation was cured before the inspection, but reoccurred?
  - Do the facts support a conclusion of aggravated conduct?
  - Take all measurements necessary to clarify conditions.
    - * Entry widths
    - * Curtain locations
    - * Air readings
  - Complete Violation Gravity Sheet.

REGULATORY INSPECTORS

- Obeying the law is the first and best defense.
- Engage the inspector in a reasoned, professional discussion of the facts.
- Inquire about the purpose of the inspection.
- Accompany the inspector at all times if possible.
- Take notes of situations commented on by inspector.
- Insist on findings (S&S, unwarrantable) be made while observing condition.
- Discuss reasons, basis and hazards caused by any violation noted.
- Arrange for abatement ASAP.
- Follow unwarrantable procedures (if issued).
- Discuss abatement time extension if necessary.

VIOLATION GRAVITY SHEET

- Mine: _____ • Unit/Location _____
- Violation #: _____ • Date of Violation: _____
- General Description of Violation: _____

_____

- Was this violation preventable? Yes/No?
- Did/should management have known about this situation? Yes/No?
  How? _____
- Was the gravity less than that actually cited?
  Yes/No? Why? _____
- Was the seriousness less than that actually cited?
  Yes/No? Why? _____
- Were actual measurements/samples taken? (Examples: widths, bolt spacing, rock dusting) Yes/No. If no, why not?

_____

- Other mitigating circumstances? (If pertinent)
  1. Air quantity? _____
  2. Rockdusting? _____
  3. Methane? _____
  4. Roadways damp/dusty? _____
  5. Bolt spacing? _____
  6. Roof condition? _____
- Persons to contact for additional information.

_____

- Signature _____

A violation gravity sheet must be completed for each citation by the responsible supervisor.

12-7-04 Mon

✓ Beck & Took #6 Jeep in

Talked to Virgil, Gary, & Theral on 4 #3 belt no mil pt dust sprays

Droopy & I set 3 sandjacks on 18 Brk N.4

V & I made sure belts running reported to Rick N 3rd Door not working intake to 3

V'd EM 110's

#5 Seal tubing Almost Broke into
6:40 AM IN Gasing ok of seal
0% CH_4 0% CO 20.8% O_2

#10 Seal 6:56 Am IN Gasing
Band at Back of Gate valve broke
0% CH_4 0% CO 20.8% O_2

#13 Seal 7:17 Am IN Gasing ok
0% CH_4 0% CO 20.8% O_2

#21 Seal 7:35 Am IN Gasing ok
0% CH_4 0% CO 20.8% O_2

VIOLATION GRAVITY SHEET

- Mine: ______ • Unit/Location ______
- Violation #: ______ • Date of Violation: ______
- General Description of Violation: ______
- Was this violation preventable? Yes/No?
- Did/should management have known about this situation? Yes/No? How? ______
- Was the gravity less than that actually cited? Yes/No? Why? ______
- Was the seriousness less than that actually cited? Yes/No? Why? ______
- Were actual measurements/samples taken? (Examples: widths, bolt spacing, rock dusting) Yes/No. If no, why not? ______
- Other mitigating circumstances? (If pertinent)
  1. Air quantity?
  2. Rockdusting?
  3. Methane?
  4. Roadways damp/dusty?
  5. Bolt spacing?
  6. Roof condition?
- Persons to contact for additional information. ______
- Signature ______

A violation gravity sheet must be completed

splices IN
check stationary takeup roller
IN looks were might [illegible]

set a [illegible] jack at
EM by Power Box

Greased takeup 1 South

put oil in " " "

changed & washed filter
E Main

~~took~~ Droopy down 3
Locked out D-Box 18 Brk
on 3

cleaned on 3 see #1 takeup

VIOLATION GRAVITY SHEET

- Mine: ______ • Unit/Location ______
- Violation #: ______ • Date of Violation: ______
- General Description of Violation: ______

______
- Was this violation preventable? Yes/No?
- Did/should management have known about this situation? Yes/No?
  How? ______
- Was the gravity less than that actually cited? Yes/No? Why? ______
- Was the seriousness less than that actually cited?
  Yes/No? Why? ______
- Were actual measurements/samples taken? (Examples: widths, bolt spacing, rock dusting) Yes/No. If no, why not?

  ______
- Other mitigating circumstances? (If pertinent)
  1. Air quantity? ______
  2. Rockdusting? ______
  3. Methane? ______
  4. Roadways damp/dusty? ______
  5. Bolt spacing? ______
  6. Roof condition? ______
- Persons to contact for additional information.

  ______
- Signature ______

A violation gravity sheet must be completed

Smith 26-tail spot

1 North Spot Dusted
Tail needs C

Cleaned on tail some

4 sec #2 cleaned on tail
Need dust 1 N Tail

VIOLATION GRAVITY SHEET

- Mine: ______ • Unit/Location ______
- Violation #: ______ • Date of Violation ______
- General Description of Violation: ______
- Was this violation preventable? Yes/No?
- Did/should management have known about this situation? Yes/No?
  How? ______
- Was the gravity less than that actually cited? Yes/No? Why? ______
- Was the seriousness less than that actually cited?
  Yes/No? Why? ______
- Were actual measurements/samples taken? (Examples: widths, bolt spacing, rock dusting) Yes/No. If no, why not? ______
- Other mitigating circumstances? (If pertinent)
  1. Air quantity?
  2. Rockdusting?
  3. Methane?
  4. Roadways damp/dusty?
  5. Bolt spacing?
  6. Roof condition?
- Persons to contact for additional information ______
- Signature ______

A violation gravity sheet must be completed

10-8-09 Tues
Checked EM 110S, #19
Reported to Gary about
Double Door ... at 19
went to 1 South tail & get Dolly
(b) (7)(C) with me
Took (b) (7)(C) to EM ...
put leg in at 8 Bk 1 South
Cleaned on takeup 3 #1
shoveled 1-2 bel
V 14, 8 pumps, 18
moved pump from #6 ... to 16 Bk & set
took discharge line & cable to it. All it need
(is entered into starter box
[illegible]

- Mine: ______ • Unit/Location ______
- Violation #: ______ • Date of Violation: ______
- General Description of Violation: ______

______
- Was this violation preventable? Yes/No?
- Did/should management have known about this situation? Yes/No?
  How? ______
- Was the gravity less than that actually cited?
  Yes/No? Why? ______
- Was the seriousness less than that actually cited?
  Yes/No? Why? ______
- Were actual measurements/samples taken? (Examples: widths, bolt spacing, rock dusting) Yes/No. If no, why not?
  ______
- Other mitigating circumstances? (If pertinent)
  1. Air quantity? ______
  2. Rockdusting? ______
  3. Methane? ______
  4. Roadways damp/dusty? ______
  5. Bolt spacing? ______
  6. Roof condition? ______
- Persons to contact for additional information.

______
- Signature ______

A violation gravity sheet must be completed for each citation by the responsible supervisor.

Took [illegible] to Rock dust crew 10:30 10:45 Am

Permit, date load fire ext at 16 blk pump

Took (b) (7)(C) down on 3 sect.

Cleaned some more on 3 head

Checked splices 15, 1N

1 South dusty in Prog at Head 2-3 Blk Cradle

Tell Pete Dolly Ary top fm 1 S Tail

D [illegible] at 18, main pump 16, & 18-19 on 3 & see old [illegible] 3

Dropped BR 32-33 Bolt

VIOLATION GRAVITY SHEET

- Mine: ______ • Unit/Location ______
- Violation #: ______ • Date of Violation: ______
- General Description of Violation: ______
- Was this violation preventable? Yes/No?
- Did/should management have known about this situation? Yes/No?
  How? ______
- Was the gravity less than that actually cited? Yes/No? Why? ______
- Was the seriousness less than that actually cited?
  Yes/No? Why? ______
- Were actual measurements/samples taken? (Examples: widths, bolt spacing, rock dusting) Yes/No. If no, why not? ______
- Other mitigating circumstances? (If pertinent)
  1. Air quantity? ______
  2. Rockdusting? ______
  3. Methane? ______
  4. Roadways damp/dusty? ______
  5. Bolt spacing? ______
  6. Roof condition? ______
- Persons to contact for additional information ______
- Signature ______

A violation gravity sheet must be completed for each ...

1 North Stationing Taking falls spot D xcut-14

4 sec #1 Broke chain
2 Brks out by tail

#2 N/ob

#3 Rock on cables
1 Brk outby tail
& 3 Brks outby ~~tail~~

water behind tailup +
#3 Brk
#3 belt Rerouted same spot C

- Mine: ______________ • Unit/Location ______
- Violation #: _________ • Date of Violation: ______
- General Description of Violation: ____________

____

- Was this violation preventable? Yes/No?
- Did/should management have known about this situation? Yes/No?
  How? ______________________________
- Was the gravity less than that actually cited?
  Yes/No? Why? ______________________
- Was the seriousness less than that actually cited?
  Yes/No? Why? ______________________
- Were actual measurements/samples taken? (Examples: widths, bolt spacing, rock dusting) Yes/No. If no, why not?

  ____

- Other mitigating circumstances? (If pertinent)
  1. Air quantity? __________
  2. Rockdusting? __________
  3. Methane? __________
  4. Roadways damp/dusty? __________
  5. Bolt spacing? __________
  6. Roof condition? __________
- Persons to contact for additional information:

  ____

- Signature ______________________________

A violation gravity sheet must be completed for each citation by the responsible supervisor and given to the mine inspector.

12-9-09 Wed
LFB [illegible]
[illegible]
V29 [illegible] 11 D Pump
Got Dolly [illegible] to 1S Tail
checked discharge line
on 4 sec Old works
walked back to 1N [illegible]
to get stuff to 1D [illegible]

V#21 seal 7:00Am 1N [illegible]
OK 0%CH4 0%CO 20.8%O2

Checked out pump & discharge
line on 4 sec, had to
splice discharge at [illegible]
[illegible]
[illegible]
[illegible] 1D5, [illegible]
[illegible]

VIOLATION GRAVITY SHEET

- Mine: ________ • Unit/Location: ________
- Violation #: ________ • Date of Violation: ________
- General Description of Violation: ________
- Was this violation preventable? Yes/No?
- Did/should management have known about this situation? Yes/No?
How? ________
- Was the gravity less than that actually cited? Yes/No? Why? ________
- Was the seriousness less than that actually cited? Yes/No? Why? ________
- Were actual measurements/samples taken? (Examples: widths, bolt spacing, rock dusting) Yes/No. If no, why not?
- Other mitigating circumstances? (If pertinent)
1. Air quantity? ________
2. Rockdusting? ________
3. Methane? ________
4. Roadways damp/dusty? ________
5. Bolt spacing? ________
6. Roof condition? ________

Persons to contact for additional information.

Signature ________

A violation gravity sheet must be completed [illegible]

[illegible] 1 South [illegible]
& Bolt [illegible] (b) (7)(C) went to
2 M. [illegible] & changed filter
Took out [illegible] Roller
& Bottom at 24 in 1 South

took (b) (7)(C) down on 3

I checked 14, 8, 16, 18
pumps on 3

Checked splices 45, 1 N
Shoveled lot 15 North
15 Broke Cradle 2-3 Brk
Top Side >24
Bottom needs put in there
Bolt R 32
Blocking 35 wall side
dusted -35 | 1 N spot D head -14

VIOLATION GRAVITY SHEET

- Mine: ______ • Unit/Location ______
- Violation #: ______ • Date of Violation: ______
- General Description of Violation: ______
______
- Was this violation preventable? Yes/No?
- Did/should management have known about this situation? Yes/No?
  How? ______
- Was the gravity less than that actually cited?
  Yes/No? Why? ______
- Was the seriousness less than that actually cited?
  Yes/No? Why? ______
- Were actual measurements/samples taken? (Examples: widths, bolt spacing, rock dusting) Yes/No. If no, why not?
  ______
- Other mitigating circumstances? (If pertinent)
  1. Air quantity? ______
  2. Rockdusting? ______
  3. Methane? ______
  4. Roadways damp/dusty? ______
  5. Bolt spacing? ______
  6. Roof condition? ______
- Persons to contact for additional information.
  ______
- Signature ______

A violation gravity sheet must be completed

12-10-09 Thu
V ... Loaded ...
... 515 Am
... 6 Jeep ...
... 3 ...
Sand ... 15 12-13 ...
Changed + washed EM Filters
cutting stopping R1 Return 458

A 8 / x7 / 147 — 89 R / +25 C / 114 — 147 × 114 = 588 / 147 / 147 / 16758

cutting Reg 201
A 20 / x9 / 180 — 95 R / +25 C / 120 — 180 × 120 = 3600 / 180 / 21600

VIOLATION GRAVITY SHEET

- Mine: ________ • Unit/Location ________
- Violation #: ________ • Date of Violation: ________
- General Description of Violation: ________
- Was this violation preventable? Yes/No?
- Did/should management have known about this situation? Yes/No?
  How? ________
- Was the gravity less than that actually cited?
  Yes/No? Why? ________
- Was the seriousness less than that actually cited?
  Yes/No? Why? ________
- Were actual measurements/samples taken? (Examples: widths, bolt spacing, rock dusting) Yes/No. If no, why not? ________
- Other mitigating circumstances? (If pertinent)
  1. Air quantity? ________
  2. Rockdusting? ________
  3. Methane? ________
  4. Roadways damp/dusty? ________
  5. Bolt spacing? ________
  6. Roof condition? ________
- Persons to contact for additional information ________
- Signature ________
- A violation gravity sheet must be completed ...

Water on left side
several Ribs over boots
traveled to both ends
Several stoppings need Ruined
@ 10-12

Bottom end Rt Side Some
Ribs Rolled

Constant 0 0 20.8

Before 0 cast, Rt. Side

20
6
120=A

138 R
C
163

138 R
+25 C
163=V

326

163
120
3260
163
19560

COMBUSTIBLE MATERIAL

1. No smoking articles shall be used or taken underground.
2. Float dust, loose coal and combustible materials shall be kept cleaned up and not permitted to accumulate in active workings or on electrical equipment.
3. Keep a daily program going for cleaning up all loose coal float dust and combustible materials.
4. Check and keep all water sprays operating properly to counteract float dust.
5. Keep rock dust hoppers full on auxiliary fans to counteract float dust while mining coal.
6. Rock dust and dampen tramways to keep float dust from accumulating.
7. No combustible material should be stored on mining equipment.
8. Clean off combustible material on equipment daily.
9. All combustible materials must be loaded up and taken out of mine. (Empty bags from rock dust, cement, lunch paper, and broken resin tubes.)

Checked 14, 8, 16, 18 pumps
#16 needs starter Box

Changed filter again

Checked splices 15, 1N, 4 sec #1, #2

#1 takeup all clean

#2 takeup & next 3 brk only spot C

#3 Brk outby needs 2 5-7' sand & then 2 brk outby 2-7-9' sand jacks & spot C

INSTRUCTIONS FOR COMPLETING CERTIFICATE OF TRAINING 5000-23

NOTE: *Failure to conduct and record training when needed can result in an order to withdraw under 104(g)(l) and the responsible person can be personally sued.*

Task Training Job Code -- Enter appropriate code from following pages.

Box 1. Print the full name and check number of the person receiving training - do not use nicknames.

Box 2. Check (✓) the type of training received - one only.

Box 3. Line A - check (✓) the type of operation where the person works.
Line B - check (✓) "coal".

Box 4. Insert date training completed.

Box 5. Check (✓) subjects completed.

Box 6. All persons who did the training of this employee in this class must sign. If the signature is not legible, the name must be printed below the signature.

Box 7. Print mine name, federal mine number, and where training was conducted.

Box 8. Insert the date the employee signs the certificate and have employee sign the certificate. If the employee refuses to sign the certificate, insert "Employee refused to sign" and your initials.

Give the employee the pink copy immediately upon completion of the training.

Continue using and entering codes for task training on the time sheets as before.

Unless otherwise instructed, turn yellow copy of 5000-23 in with time sheet.

Additional forms may be acquired at the Safety Department.

12-11-09 FRI
IPB Books

took of Jeep in
took (b) (7)(C) to 3
sect. belt to shovel

(b) (7)(C) on Scale

Cleaned off Places mouth of 3

Checked splices 3 sec
2 X's 38 splices 6 dif
one's have 1 clip gone not ...

Sprayed out scoops & checked
them on 3rd / called Gary but
Got Everett & Need them

Gary Stove up on 3 over track
5' X 10'

U.S. Department of Labor
Mine Safety and Health Administration

Underground Section Workers (Face)

Auger (Jack Setter) (Return Side)	055	Rock Duster	006
Auger (Jack Setter) (Intake Side)	010	Rockman	045
Auger (Timberman) (Intake Side)	018	Roof Bolter (Twin Head) Intake Side)	012
Auger (Timberman) (Return Side)	017	Roof Bolter (Twin Head) (Return Side)	014
Auger Helper	071	Roof Bolter (Single Head)	046
Auger Operator	070	Roof Bolter Helper (Single Head)	047
Belt Man/Conveyor Man	001	Roof Bolter Mounted (Return Side)	048
Blaster/Shooter/Shotfirer	007	Roof Bolter Mounted (Intake Side)	019
Brattice Man	032	Scoop Car Operator	054
Cleanup Man	013	Section Foreman	049
Coal Drill Helper	033	Longwall Operator (Tailgate Side)	044
Coal Drill Operator	034	Longwall Operator (Headgate Side)	064
Continuous Miner Helper	035	Shotfirer Helper	031
Continuous Miner Operator	036	Shuttle Car Operator (Standard Side)	050
Cutting Machine Helper	037	Shuttle Car Operator (Off Standard Side)	073
Cutting Machine Operator	038	Stall Driver	051
Electrician	002	Stopping Builder/Ventilation Man/ Mason	008
Electrician Helper	003	Supply Man	009
Fan Attendant	015	Tailgate Operator	052
Hand Loaders	039	Tractor Operator/Motorman	074
Headgate Operator	040	Utility Man	053
Jack Setter (Longwall)	041	Wireman	011
Laborer	016		
Loading Machine Helper	042		
Loading Machine Operator	043		
Mechanic	004		
Mechanic Helper	005		
Mobile Bridge Operator	072		

General Underground (Non-Face)

Belt Cleaner	154	Pumper	157
Belt Man/Conveyor Man	101	Rock Driller	156
Belt Vulcanizer	112	Rock Duster	106
Bullgang Foreman/Labor Foreman	149	Rock Machine Operator	158
Chainman	155	Rodman	117
Cleanup Man	113	Roof Bolter	146
Coal Dump Operator	122	Shopman	160
Coal Sampler	114	Stopping Builder/Ventilation Man/ Mason	108
Electrician	102	Supply Man	109
Electrician Helper	103	Timber Man	110
Fan Attendant	115	Transit Man	123
Laborer	116	Water Line Man	159
Mechanic	104	Welder	119
Mechanic Helper	105	Wireman	111
Oiler/Greaser	118		

Underground Transportation (Non-Face)

Battery Station Operator	261	Hoistman	221
Belt Man/Conveyor Man	201	Loader Head/Roscoe Operator	240
Brakeman/Roperider	262	Motorman	269
Buggy Pusher	[illegible]	[illegible]	

Auger Operator	371	Haul Engineer/Operator	321
Auger Operator	370	Haul Operator Helper	381
Backhoe Operator	324	Laborer/Blacksmith	316
Barge Attendant	372	Lampman	385
Belt Man/Conveyor Man	341	Machinist	348
Belt Vulcanizer	312	Mason	306
Bit Sharpener	342	Mechanic	304
Blaster/Shooter/Shotfirer	307	Mechanic Helper	305
Boom Operator	340	Motorman/Locomotive Operator	369
Brakeman	362	Oiler/Greaser	318
Bulldozer Operator	368	Pumper	327
Cage Attendant/Cager	320	Refuse Truck Driver/Backfill Truck Driver	386
Car Dropper	373	Road Grader Operator	375
Car Shake-Out Operator	344	Rock Driller	356
Car Trimmer/Car Loader	343	Rodman	317
Carpenter	394	Rotary Bucket Excavator Operator	387
Chainman	355	Rotary Dump Operator	349
Clam Operator	331	Scalper-Screen Operator	388
Cleaning Plant Operator	374	Scoop Operator	351
Cleanup Man	313	Scraper Operator	310
Coal Drill Helper	333	Shopman Repair Cars	360
Coal Drill Operator	334	Shuttle Car Operator	350
Coal Sampler	314	Silo Operator	390
Coal Shovel Operator	367	Steel Worker	352
Coal Strip Operator	322	Stripping Shovel Operator	391
Coal Truck Driver	376	Supply Man	309
Conveyor Operator	301	Sweeper Operator	354
Crane Operator/Dragline Operator	378	Tipple Operator	392
Crusher Attendant	345	Transit Man	323
Diester Table Operator	325	Utility man	328
Dispatcher	365	Vacuum Filter Operator	329
Dryer Operator	379	Washer Operator	357
Electrician	302	Watchman	396
Electrician Helper	303	Water Circuit Operator	358
Fan Attendant	315	Water Truck Operator	395
Fine Coal Plant Operator	380	Waterboy	366
Forklift Operator	326	Weighman	393
Froth Cell Operator	347	Welder (Shop)	319
Groundman	398	Welder (Non-Shop)	306
High Lift Operator/Front End Loader	382	Wireman	311
Highwall Drill Helper	383	Yard Engine Operator	397
Highwall Drill Operator	384		

Supervisory and Staff

Assistant Mine Foreman/Assistant Mine Manager	430	Master Mechanic	404
Clerk/Timekeeper	497	Mine Foreman/Mine Manager	449
Dust Sampler	414	Outside Foreman	489
Engineer (Electricity/Ventilation/Mining)	456	Preparation Plant Foreman	494
Fire Boss Pre-Shift Examiner	462	Safety Director	495
Inspector	464	Superintendent	481
Maintenance Foreman	418	Surveyor	423
Master Electrician	402	Timekeeper	497
		Union Representative	496

MSHA - State

Education Specialist	590	Safety Representative	593
Mine Safety Instructor	592	Training Specialist	594
Mine Safety and Health Officer	591		

Mine Safety and Health Administration

Approved OMB Number 1219-0009. Expires December 31, 2010.

This certificate is required under Public Law 91-173 as amended by Public Law 95-164. Failure to comply may result in penalties and other sanctions as provided by sections 108 and 110, Public Law 91-173 as amended by Public Law 95-164.

➡ Issue Certificate Immediately Upon Completion of Training

Serial Number (for operator's use)

1. Print Full Name of Person Trained (first, middle, last)

2. Check Type of Approved Training Received:

☐ Annual Refresher ☐ Experienced Miner ☐ Hazard Training

☐ New Task (specify below) ☐ Newly Employed, Inexperienced Miner ☐ Other (specify)

Date	Task	Initials Instr	Initials Stud	Date	Task	Initials Instr	Initials Stud

3. Check Type of Operation and Related Industry:

A. ☐ Surface ☐ Construction ☐ Underground ☐ Shaft & Slope

B. ☐ Coal ☐ Metal ☐ Nonmetal

4. Date Training Requirements Completed

➡ If completed, go to item 6, below. ☐ Check if not completed and go to item 5, below.

5. Check Subjects Completed (use only for partially completed training):

☐ Introduction to Work Environment ☐ Roof/Ground Control & Ventilation ☐ Health

☐ Hazard Recognition ☐ Mine Map; Escapeways; Emergency Evacuation; Barricading ☐ Electrical Hazards

☐ Emergency Medical Procedures ☐ Cleanup; Rock Dusting ☐ First Aid

☐ H&S Aspects of Tasks Assigned ☐ Mandatory Health & Safety Standards ☐ Mine Gases

☐ Statutory Rights of Miners ☐ Authority & Responsibility of Supervisors & Miners' Representatives ☐ Explosives

☐ Self-Rescue & Respiratory Devices ☐ Other (specify) ☐ Prevention of Accidents

☐ Transport & Communication Systems

False certification is punishable under Section 110 (a) and (f) of the Federal Mine Safety & Health Act (P. L. 91-173 as amended by P. L. 95-164).

I certify that the above training has been completed (signature of person responsible for training)

Mine Name, ID, & Location of Training (if institution, give name & address)

Date

I verify that I have completed the above training (signature of person trained)

MSHA Form 5000-23, Jan. 99 (revised)

Cleaned (?) [illegible] Sheared
Makeup (Used)

(b) (7)(C) Togs on Scraper

shoveled 1-2 Belt #1

trimmed 35' flapper
on 3 #1

trimmed splice on 1 South

Checked 30 Belt pump

Checked splice 1 South

1 South Blocking out 35
Belt walkside

14 19 = Tail Both Sides

2-19 need C

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and 110, Public Law 91-173 as amended by Public Law 95-164.

➔ Issue Certificate Immediately Upon Completion of Training

Serial Number (for operator's use)

1. Print Full Name of Person Trained (first, middle, last)

2. Check Type of Approved Training Received:
☐ Annual Refresher
☐ New Task (specify below)
☐ Experienced Miner
☐ Newly Employed, Inexperienced Miner
☐ Hazard Training
☐ Other (specify)

Date	Task	Initials Instr	Initials Stud	Date	Task	Initials Instr	Initials Stu

3. Check Type of Operation and Related Industry:
A. ☐ Surface ☐ Construction ☐ Underground ☐ Shaft & Slo
B. ☐ Coal ☐ Metal ☐ Nonmetal

4. Date Training Requirements Completed: ☐ Check if not completed and go to item 5, below.
➔ If completed, go to item 6, below.

5. Check Subjects Completed (use only for partially completed training):
☐ Introduction to Work Environment
☐ Hazard Recognition
☐ Emergency Medical Procedures
☐ H&S Aspects of Tasks Assigned
☐ Statutory Rights of Miners
☐ Self-Rescue & Respiratory Devices
☐ Transport & Communication Systems
☐ Roof/Ground Control & Ventilation
☐ Mine Map; Escapeways; Emergency Evacuation; Barricading
☐ Cleanup; Rock Dusting
☐ Mandatory Health & Safety Standards
☐ Authority & Responsibility of Supervisors & Miners' Representatives
☐ Health
☐ Electrical Hazard
☐ First Aid
☐ Mine Gases
☐ Explosives
☐ Prevention of A
☐ Other (specify)

6. False certification is punishable under section 110 (a) and (f) of the Federal Mine Safety & Health Act (P. L. 91-173 as amended by P. L. 95-164).

I certify that the above training has been
(signature of person responsible for training)

7. Mine Name, ID, & Location of Training (if institution, give name & address)

8. Date

I verify that I have completed the ab
(signature of person trained)

MSHA Form 5000-23, Jan. 99 (revised)

12-12-09 Sat

had 6 Jeep in

(b) (7)(C) ON 3 Belt

(b) (7) on head

(b) (7) on Scale

I changed & washed filters EM

went to help (b) (7) with

Rock at head

went to 4 sec on water

(b) (7)(C) & I went to 4 sect

pumped the 3 holes, set

pump, line, etc

Put in BR 10 Brk

U.S. Department of Labor
Mine Safety and Health Administration

Approved OMB Number 1219-0009. Expires December 31, 2010.

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➔ Issue Certificate Immediately Upon Completion of Training	Serial Number (for operator's use)

1. Print Full Name of Person Trained (first, middle, last)

2. Check Type of Approved Training Received:

- ☐ Annual Refresher
- ☐ Experienced Miner
- ☐ Hazard Training
- ☐ New Task (specify below)
- ☒ Newly Employed, Inexperienced Miner
- ☐ Other (specify)

Date	Task	Initials Instr / Stud	Date	Task	Initials Instr / Stud

3. Check Type of Operation and Related Industry:

A. ☒ Surface ☐ Construction ☐ Underground ☐ Shaft & Slope
B. ☐ Coal ☐ Metal ☐ Nonmetal

4. Date Training Requirements Completed ☐ Check if not completed and go to item 5, below.

➔ If completed, go to item 6, below.

5. Check Subjects Completed (use only for partially completed training):

- ☐ Introduction to Work Environment
- ☐ Hazard Recognition
- ☐ Emergency Medical Procedures
- ☒ H&S Aspects of Tasks Assigned
- ☐ Statutory Rights of Miners
- ☐ Self-Rescue & Respiratory Devices
- ☒ Transport & Communication Systems
- ☐ Roof/Ground Control & Ventilation
- ☒ Mine Map; Escapeways; Emergency Evacuation; Barricading
- ☐ Cleanup; Rock Dusting
- ☐ Mandatory Health & Safety Standards
- ☐ Authority & Responsibility of Supervisors & Miners' Representatives
- ☐ Health
- ☒ Electrical Hazards
- ☒ First Aid
- ☒ Mine Gases
- ☐ Explosives
- ☒ Prevention of Accidents
- ☐ Other (specify)

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MSHA Form 5000-23, Jan. 99 (revised)

17 Tops

1 Top (M) 29½
1 Top (M) 25½
1 Top (M) 24
2 Tops (M) 23½
1 Top (M) 22½
1 Top (M) 21½
1 Top (M) 20
1 Top (M) 19½
1 Top (M) 18
1 Stuck Roller offside 17½
1 Rail & 2 Tops (M) 15 out
2 Tops (M) 13
1 Top (M) 12
1 Top (M) 11½
1 Top (M) 7
Crossuncker guard needs
Replaced for track

12-14-09 Mon
✓ F.B. Books
Took 6 Jeeps
Took (b) (7) to 19
Took (b) (7)(C) to EM Push Out
Checked scrapers on 3 sec #1
Cleaned Flow thru 1 South
Cleaned out Rock Box 3 #1
adjusted scrapers 3 #1
C & D 3 sec #1
made sure scrapers not too tight to tear up splice
Checked splices
Ran duster 1 S.F.T.

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☐ Annual Refresher ☐ Experienced Miner ☐ Hazard Training
☐ New Task (specify below) ☐ Newly Employed, Inexperienced Miner ☐ Other (specify)

Date	Task	Initials (Instr / Stud)	Date	Task	Initials (Instr / Stud)

3. Check Type of Operation and Related Industry:

A. ☐ Surface ☐ Construction ☐ Underground ☐ Shaft & Slope
B. ☐ Coal ☐ Metal ☐ Nonmetal

4. Date Training Requirements Completed

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☐ Emergency Medical Procedures ☐ Mine Map; Escapeways; Emergency Evacuation; Barricading ☐ First Aid
☐ H&S Aspects of Tasks Assigned ☐ Cleanup; Rock Dusting ☐ Mine Gases
☐ Statutory Rights of Miners ☐ Mandatory Health & Safety Standards ☐ Explosives
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MSHA Form 5000-23, Jan. 99 (revised)

Changed 6 machid filter at
[illegible] [illegible] 1 N [illegible]

spot
Drowsed 25-32

Checked splices 8 sec 15, 100
Top Side Roller Today - 1 Brk
BL Asymar bolt 9 bk of Tide
Top ~~Side~~ 20-21
Center

Belt switch cable 20-21
needs spliced or taped up
spray bar 1 North needs
moved to center belt

1 South 35-44 need D
1 North 4-17 needs spot D

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- [ ] Health
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- [ ] Mine Map, Escapeways, Emergency Evacuation, Barricading
- [ ] Electrical Hazards
- [ ] Emergency Medical Procedures
- [ ] First Aid
- [ ] H&S Aspects of Tasks Assigned
- [ ] Cleanup, Rock Dusting
- [ ] Mine Gases
- [ ] Statutory Rights of Miners
- [ ] Mandatory Health & Safety Standards
- [ ] Explosives
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MSHA Form 5000-23, Jan 99 (revised)

Checked splices 1 South
Cleaned 1 S Flow thru

Checked scrapers 3 head

Filled 1 ~~sec~~ duster 3 head

1 South spot D 35.38 & tail area
tail cleaned V flow

1 N spot D 4-16

4th 1 takeup needs add C
(Cleaned on tail)

2 takeup & needs spot C
(washed out scrapers)

3 add D

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MSHA Form 5000-23, Jan. 99 (revised)

12-16-09 Wed

✓F.B. Books Heat & Jeep

✓19 pump Gary with me

Stopped EM 1 Southwest off

went to Pinch Out found

hose twisted billy etc fixed

it going 8:15

At same time no water so

I checked 1 Shead & then EM

filters (water off Plunky)

Changed & washed filters

(b) (7)(C) shoveling on 3

Checked EM 110'S

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➡ If completed, go to item 6 below.

5. Check Subjects Completed (use only for partially completed training)

☐ Introduction to Work Environment ☐ Roof/Ground Control & Ventilation ☐ Health

☐ Hazard Recognition ☐ Mine Map; Escapeways; Emergency Evacuation; Barricading ☐ Electrical Hazards

☐ Emergency Medical Procedures ☐ First Aid

☐ H&S Aspects of Tasks Assigned ☐ Cleanup; Rock Dusting ☐ Mine Gases

☐ Statutory Rights of Miners ☐ Mandatory Health & Safety Standards ☐ Explosives

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MSHA Form 5000-23, Jan. 99 (revised)

Checked Seals

#5 8:43 Am IN Gasing OK
0% CH_4 0% CO 20.8% O_2

#10 9:03 Am IN Gasing ok
0% CH_4 0% CO 20.8% O_2

#13 [illegible] 9:16 Am IN Gasing OK
0% CH_4 0% CO 20.8% O_2

[redacted]

Shoveled 2-4, spot shoveled 4-6 on 3 belt

[illegible] duster 1 South F. T.

Checked [illegible] 3 [illegible] #1
Cleaned on 3 takeup

1S + 1N same
Checked [illegible] pump

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MSHA Form 5000-23, Jan. 99 (revised)

12-17-09 Thurs
✓FB Bashey Took 6 Seay

worked on pump at 16 Bud

started #18 (line load)

locked #19 out

✓#10 Seal 7:37 Am IN Gassy
ok 0% CH_4 0% CO 20.8% O_2

✓#21 Seal 7:56 Am IN Gassy
ok 0% CH_4 0% CO 20.8% O_2

Changed filters at EM

went outside to get fittings
& MSHA Keith Sigmund

took him, Droopy & Gary Mo 3

I knocked stopping down out
across at Old 29 Bk

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MSHA Form 5000-23, Jan. 99 (revised)

(b) (7) traveled with Keith R[illegible]

Checked splices 1 South

Changed out phone E M punch Out

Cleaned Roller in taking 3

Took Map around to EP ~~Fontaub~~ & Pickup [illegible]

Cleaned spillage gutter 1 South Tail

Cleaned off P Box 1 N Head

1 South Spot Daround 35

1 North Spray bar needs Centered & sprays in new spray bar S pod 23802

✓ Fold 1st Lt pump 6.2 Flyght

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I, Jimmy Bowyer, have reviewed Exhibit 3 to my investigation interview given this date, 75 pages, and verify that it is an accurate copy of notes that I personally recorded and maintained as fireboss at the Upper Big Branch Mine during the period from November 2, 2009 to December 17, 2009

Date: August 25, 2010

Name: Jimmy ~~Boyer~~ Bowyer JB

Signature (b) (7)(C)