

Started 1-2-07  
Ended 10-25-09

Lower uBB Station  
Matts Creek station (IDLE)

# MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

Company Performance Coal  
Mine uBB  
Location Noma Raleigh WV  
                    Post Office                      County                      State

Re-order from  
BJW Printing and  
Office Supplies  
P. O. Box 1309  
Beckley, W. Va. 25801  
Phone (304) 253-7361

Form 6-1493  
(March 1970)


Budget Bureau No. 42-R1589  
Approval expires 9-30-71

When this book is completed it shall be retained at the mine for a period of one year after the date of the last entry in the book, regardless of change of ownership. When a mine is temporarily closed or abandoned, the operator shall retain this book in a safe place during the period of closure or for a period of one year after the mine is abandoned. **Do not** mail this book to the West Virginia Department of Mines or to The Bureau of Mines. This book is approved by the Director of The West Virginia Department of Mines and The U. S. Bureau of Mines.

# MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date	Location	Recommended setting	Actual setting	If not within recommended range, action taken	Examiner
1-2-07					
Circuit # 1		12,470 V			North Mains
# 2		12470 V			Lower Branch
# 3		12470 V			Glory Belts
# 4		12470 V			North Belts
# 5		12470 V			old pt 4
# 6	River Fork Powellton Res.				
# 7		4160 V			Surface Power
# 8		4160 V			North Fan

- Pushed E Stop in at last box in line for monitor test
- Rotated overcurrent  time wheel on each circuit
- lifted short circuit relay on each circuit
- Ground fault test on each circuit

All circuits OK at time of exam

Earl Rebo 3-296

# MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date Location Recommended setting Actual setting If not within recommended range, action taken Examiner

2-14-07

UBB Sub station

AEP pulled power at approx. 6:30AM. Siemens came to test station. They megged & hypotted all switch houses, checked ground field. Did Double test on transformers, & megged. Did TTR test on transformers. Siemens will send us the results of the ground grid & resistor. Ground field approx 1.7  $\Omega$ .

J.E. Sheets 4-11

# MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date	Location	Recommended setting	Actual setting	If not within recommended range, action taken	Examiner
2-26-07					
Circuit #1		12,470 V		North Mains	
#2		12,470 V		Lower branch	

- Pushed E Stop on last box in line for monitor test
- Rotated overcurrent time wheel on each circuit
- lifted short circuit relay on each circuit
- Ground fault test on each circuit

All circuits checked OK at time of exam

Earl Puls 3-296

3-4-07

Circuit #8 4,160 V

North Fen

- Rotated overcurrent time wheel
- lifted short circuit relay
- Ground fault test

All checked OK

Earl Puls 3-296

# MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date	Location	Recommended setting	Actual setting	If not within recommended range, action taken	Examiner
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3-7-07

Circuit #3	12,470 V			North belts	
#4	12,470 V			Clary belts	
#5	12,470 V			Old Rt 4	

- Pushed E-Stop button at farthest point on each circuit
  - Rotated overcurrent time wheel on each circuit
  - lifted short circuit relay on each circuit
  - Check ground fault on each circuit
- Ed Aube 3-29-06
- All circuits checked OK

3-8-07

Circuit #6	River Fork Poulenton Res.			Surface power	
#7	4160V				

- Rotated overcurrent time wheel on each circuit
  - lifted short circuit relay on each circuit
  - checked ground fault on each circuit
- Ed Aube 3-29-06
- All circuits checked OK

# MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date	Location	Recommended setting	Actual setting	If not within recommended range, action taken	Examiner
3-25-07					
Circuit #1	12,470 V			North Mains	
#2	12,470 V			Lower Branch	
#3	12,470 V			North belts	
#4	12,470 V			Glory belts	
#5	12,470 V			Old rt 4	

- Pushed E-Stop buttons at farthest point on each circuit
- Rotated overcurrent time wheel on each circuit
- lifted short circuit relay on each circuit
- checked ground fault on each circuit

All circuits checked OK

*Ed Aels 3-296*

3-27-07

Circuit #6	River Fork Powhatan Resp.				
#7	<del>4160</del> 4160 V			Surface power	
#8	4160 V			North Fan	

- Rotated over current time wheel on each circuit - All OK
- lifted short circuit relay on each circuit - All OK
- Ground fault test on each circuit - All OK

*Ed Aels 3-298*

# MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date

Location

Recommended  
setting

Actual  
setting

If not within recommended  
range, action taken

Examiner

4-27-07

Circuit	Recommended setting	Actual setting
#1	12,470 V	North Main
#2	12,470 V	Lower branch
#3	12,470 V	North belts
#4	12,470 V	Glacy belts
#5	12,470 V	Old Rt 4

- Pushed E Stop button at farthest point on ~~all~~ <sup>all</sup> circuits
- Rotated overcurrent time wheel on each circuit
- Lifted short circuit relay on each circuit
- Checked ground fault on each circuit
- All circuits checked OK

*gal* *3-29-07*



# MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date                      Location                      Recommended setting                      Actual setting                      If not within recommended range, action taken                      Examiner

4-28-07

Circuit #6                      River Fork                      Powlenton                      Resp.

#7                      4160V                      Surface Power

#8                      4160V                      North Fan

- Rotated over current time wheel on each circuit

- lifted short circuit relay on each circuit

- Check ground fault on each circuit

- All circuits check OK

Gal Feb 3-296

# MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date	Location	Recommended setting	Actual setting	If not within recommended range, action taken	Examiner
5-29-07					
Circuit #1	12,470 V		North Mains		
#2	12,470 V		Lower branch		
#3	12,470 V		North belts		
#4	12,470 V		Clery belts		
#5	12,470 V		old Rt 4		

- Pushed E Stop button from farthest point for monitor check on all circuits
  - Rotated overcurrent time wheel on each circuit
  - Lifted short circuit relay on each circuit
  - checked ground fault on each circuit
- All circuits checked OK

E. J. Roberts 3-296

# MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date	Location	Recommended setting	Actual setting	If not within recommended range, action taken	Examiner
5-30-07					
Circuit #6	River Fork		Powerton	Resp.	
#7	4160 V			Surface Power	
#8	4160 V			North Fan	

- Rotated overcurrent time wheel on each circuit
- lifted short circuit relay on each circuit
- Checked ground fault on each circuit
- All circuits checked OK

Carl Peto 3-226

# MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date	Location	Recommended setting	Actual setting	If not within recommended range, action taken	Examiner
6-27-07					
Circuit # 1	12,470 V		North Mains		
# 2	12,470 V		Lower branch		
# 3	12,470 V		North belts		
# 4	12,470 V		Clary belts		
# 5	12,470 V		Old Pt 4		

- Pushed E-Stop button from farthest point for monitor check on each circuit
  - Rotated overcurrent time wheel on each circuit
  - Lifted short circuit relay on each circuit
  - Checked ground fault on each circuit
- All circuits checked OK

*Ed Rebs 3-24*

# MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date	Location	Recommended setting	Actual setting	If not within recommended range, action taken	Examiner
6-28-07					
Circuit # 6	River Fork		Powdermill	RESP.	
# 7	4160V			Surface power	
# 8	4160V			North Fan	

~~Rotated over current time wheel on each circuit~~  
- Rotated over current time wheel on each circuit  
- Lifted short circuit relay on each circuit  
- Checked ground fault on each circuit  
All circuits checked OK  
E. J. [Signature] 3-276

# MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date	Location	Recommended setting	Actual setting	If not within recommended range, action taken	Examiner
7-30-07					
Circuit # 1	12,470 V		North Mains		
#2	12,470 V		Lower branch		
#3	12,470 V		North belts		
#4	12,470 V		Glory belts		
#5	12,470 V		Old Pt 4		

- Pushed E-Stop button from farthest point for ground monitor check on each circuit
  - Lifted short circuit relay on each circuit
  - Rotated overcurrent time wheel on each circuit
  - Checked ground fault on each circuit
- All circuits checked OK

Ed Webb 3-29-06

MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date

Location

Recommended  
setting

Actual  
setting

If not within recommended  
range, action taken

Examiner

7-31-07

Circuit #16

River Fork Fowlerton Resp.

#7 4.160

Surface Power

#8 4.160

North Fan

- Rotated overcurrent time wheel on each circuit
  - Lifted short circuit relay on each circuit
  - Checked ground fault on each circuit
- All circuits checked OK

Ed Roto 3-296

8/22/07

# MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date	Location	Recommended setting	Actual setting	If not within recommended range, action taken	Examiner
8-29-07					
Circuit #6	River Fork		Powerton	Resp.	
#7	4,160 V			Surface power	
#8	4,160 V			North Fork	

- Rotated over current time wheel on each circuit
- Lifted short circuit relay on each circuit
- Checked ground fault on each circuit
- All checked OK

*Ed Rep* 3-29-06

Mine Foreman—Manager

Certificate Number

Superintendent or Assistant



# MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date	Location	Recommended setting	Actual setting	If not within recommended range, action taken	Examiner
8-30-07					
Circuit #1	12,470V		North Mains		
#2	12,470V		Lower branch		
#3	12,470V		North belts		
#4	12,470V		Glory belts		
#5	12,470V		old RT 4		

- Pushed 1/2 stop from farthest point for ground monitor check on each circuit
- Lifted short circuit relay on each circuit
- Rotated over current time wheel on each circuit
- Checked ground fault on each circuit on each circuit

All checked OK

*Gal [Signature]* 3-25-06

# MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date	Location	Recommended setting	Actual setting	If not within recommended range, action taken	Examiner
9-28-07					
Circuit #1	12,470 V		North Mains		
#2	12,470V		Lower branch		
#3	12,470 V		North belts		
#4	12,470 V		Calery belts		
#5	12,470 V		Old R+Y		
#6	River Fork		Powerton Resp.		
#7	4,160 V		Surface power		
#8	4,160 V		North Fan		

- Pushed E-stop button from farthest point for ground monitor check
  - Listed short circuit relay on each circuit
  - Rotated over current time wheel on each circuit
  - Checked ground fault on each circuit
- All checked OK

*Ed Welo 3-296*

# MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date	Location	Recommended setting	Actual setting	If not within recommended range, action taken	Examiner
10-30-07					
Circuit #1	12,470V			North Mains	
#2	12,470V			Lower branch	
#3	12,470V			North belts	
#4	12,470V			Along belts	
#5	12,470V			Old RT4	
#6		River Fork	Powdenton	Resp	
#7	4,160V			Surface Power	
#8	4,160V			North TAN	

- Pushed E-stop button from farthest point for ground monitor check
- Lifted short circuit relay on each circuit
- Rotated overcurrent time wheel on each circuit
- Checked ground fault on each circuit

All checked OK

*Earl* 10/30/07

# MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date	Location	Recommended setting	Actual setting	If not within recommended range, action taken	Examiner
11-29-07					
Circuit #1	12,470 V		North Mains		
#2	12,470 V		Lower branch		
#3	12,470 V		North belts		
#4	12,470 V		Glory belts		
#5	12,470 V		Old Rt 4		
#6	River Fork Powlater		Resp.		
#7	4,160 V		Surface Power		
#8	4,160 V		North Fan		

- Pushed E stop from farthest point for ground monitor check ~~OK~~
  - Lifted short circuit relay on each circuit
  - Rotated overcurrent time wheel on each circuit
  - Checked ground fault on each circuit
- All circuits check OK

Carl Hils 3-296

# MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date	Location	Recommended setting	Actual setting	If not within recommended range, action taken	Examiner
12-22-07					
Circuit #1	12,470 V			North Mains	
#2	12,470 V			Lower branch	
#3	12,470 V			North belts	
#4	12,470 V			Clay belts	
#5	12,470 V			Old Rt 4	
#6	River Fork Powlint Resp.				
#7	4,160 V			Surface Power	
#8	4,160 V			North Fan	

- Pushed E-Stop from farthest point for ground monitor check on each circuit
- Lifted Short circuit relay on each circuit
- Rotated overcurrent time wheel on each circuit
- Checked ground fault on each circuit

All circuits checked OK

*E. J. Kus 3-296*

# MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date	Location	Recommended setting	Actual setting	If not within recommended range, action taken	Examiner
1-28-08					
Circuit #1	12,470 V			North Mains	
#2	12,470 V			Lower branch	
#3	12,470 V			North belts	
#4	12,470 V			Glory belts	
#5	12,470 V			Old Rt 4	

- Pushed E Stop from farthest point for ground monitor check on each circuit
  - Rotated overcurrent time wheel on each circuit
  - Lifted short circuit relay on each circuit
  - Checked ground fault on each circuit
- All circuits checked OK

On circuit #2 did not show flag on ground but circuit did ground fault  
 New relay is ordered to be replaced

Earl Hilo 3-29-06

# MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date	Location	Recommended setting	Actual setting	If not within recommended range, action taken	Examiner
1-29-08					
Circuit # 6	River Fork		Poullenton	Resp.	
# 7		4,160 V		Surface power	
# 8		4,160 V		North Fan	

- Rotated overcurrent time wheel on each circuit
- Lifted short circuit relay on each circuit
- Checked ground fault on each circuit

All circuit checked OK

Cal Rob 3-296

# MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date	Location	Recommended setting	Actual setting	If not within recommended range, action taken	Examiner
2-25-08					
Circuit #1	12,470 V		North Mains		
#2	12,470 V		Lower branch		
#3	12,470 V		North belts		
#4	12,470 V		Glory belts		
#5	12,470 V		Old Rt 4		

- Pushed E-stop from farthest point for ground monitor check on each circuit
  - Rotated overcurrent time wheel on each circuit
  - Lifted short circuit relay on each circuit
  - Checked ground fault on each circuit
- All circuit check OK

Earl R. 3-2006





# MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date	Location	Recommended setting	Actual setting	If not within recommended range, action taken	Examiner
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3-28-08

Circuit #1	12,470 V			North mains	
#2	12,470 V			Lower branch	
#3	12,470 V			North belts	
#4	12,470 V			Glory belts	
#5	12,470 V			Old Pt 4	
#6	<del>12,470 V</del>	River Fork	Powllstar	RESP.	
#7	<del>12,470 V</del> 4,160 V			Surface power	
#8	<del>12,470 V</del> 4,160 V			North Fan	

Pushed E stop from farthest point for month check - All circuits OK  
 Rotated overcurrent time wheel on each circuit - All OK  
 1.5 sec short circuit relay on each circuit - All OK  
 Checked ground fault on each circuit - All OK

Earl Baker 30296



# MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

*Date*

*Location*

*Recommended  
setting*

*Actual  
setting*

*If not within recommended  
range, action taken*

*Examiner*

Mine Foreman—Manager

Certificate Number

Superintendent or Assistant

# MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date	Location	Recommended setting	Actual setting	If not within recommended range, action taken	Examiner
5-5-06					
Circuit #1	12,470 <sup>v</sup>		North Main's		
" #2	12,470 <sup>v</sup>		Lower Branch		
" #3	12,470 <sup>v</sup>		North Belt's		
" #4	12,470 <sup>v</sup>		Glory Belt's		
" #5	12,470 <sup>v</sup>		Old Rt. 4		
" #6			River fork pawlenton Resp.		
" #7	4,160 <sup>v</sup>		Surface power		
" #8	4,160 <sup>v</sup>		North fan		

Pushed E-stop's for monitor check - All circuit's OK  
 Rotated overcurrent relay's "time" on each circuit - All OK  
 Lifted short circuit relay's on each circuit - All OK  
 Checked ground falt on each circuit - All OK *initials of Drake* - 3-152

# MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

<i>Date</i>	<i>Location</i>	<i>Recommended setting</i>	<i>Actual setting</i>	<i>If not within recommended range, action taken</i>	<i>Examiner</i>
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Mine Foreman—Manager

Certificate Number

Superintendent or Assistant

# MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date	Location	Recommended setting	Actual setting	If not within recommended range, action taken	Examiner
6/2008	Circuit #1	12470 V	NORTH MAINS		
	#2	12470 V	LOWER Branch		
	#3	12470 V	NORTH BELTS		
	#4	12470 V	GLORY BELTS		
	#5	12470 V	<del>RIVER FORK (old)</del> <del>EDGE</del> OLD #4		
	#6	12470 V	RIVER FORK (old)	IDLE	
	#7	4160 V	SURFACE Power		
	#8	4160 V	NORTH FAN		

- NONE OBSERVED
- VISUAL EXAM
- CAPS OUT OF SERVICE
- NEED RPL

*Paul Thym*

# MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

*Date*

*Location*

*Recommended  
setting*

*Actual  
setting*

*If not within recommended  
range, action taken*

*Examiner*

Mine Foreman—Manager

Certificate Number

Superintendent or Assistant



**MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS**

(To be kept at surface installation)

Date	Location	Recommended setting	Actual setting	If not within recommended range, action taken	Examiner
7-4-08	400 Main Substation				
Circuit # 1	12,470 V		North Main's		
Circuit # 2	12,470 V		Lower Branch		
Circuit # 3	12,470 V		North Belts		
Circuit # 4	12,470 V		Glory Belts		
Circuit # 5	12,470 V		Old Rt 4		
Circuit # 6	Out of service		River Fork Powellton		
Circuit # 7	4,160 V		Surface Power		
Circuit # 8	4,160 V		North Fan		

Pushed IE STOPS For Monitor Checks All OK  
 Rotated Over Current Wheel's For Relay Time All OK  
 Lifted Short Circuit Relay's All OK  
 Checked Ground Fault on Each Circuit All OK  
 Checked Ground Field Resistance 1.9 OHM'S  
 Siemee's checked All switches and  
 connections All are OK.

JE Sheets 8-11

**MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS**

(To be kept at surface installation)

Date	Location	Recommended setting	Actual setting	If not within recommended range, action taken	Examiner
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8-3-08

UBB Lowes station #1 circuit north mains

# 2 circuit Lower branch

# 3 circuit North belts

# 4 circuit north Glory belts

# 5 circuit Old # 4 East mains

# 6 circuit River Fork not in service

# 7 circuit Surface power

# 8 circuit North fan

no flags on relays

UV ok

All settings still the same

CAP are out of service and need repair

G.M. ok

Vincent Bourman

4-249

(To be kept at surface installation)

Date 9-7-08 Location UBB Recommended setting Lower Station Actual setting If not within recommended range, action taken Examiner

- # 1 circuit north mine OK
- # 2 circuit Lower track OK
- # 3 circuit north belts OK
- # 4 circuit north long belts OK
- # 5 circuit old rt 4 (East mine) OK
- # 6 circuit River Fork (out of service)
- # 7 circuit surface power OK
- # 8 circuit north Fan OK

Relays OK

UK OK

All settings OK

capacitors are out of service

GA OK

not used

9-7-08 4-250

# MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date	Location	Recommended setting	Actual setting	If not within recommended range, action taken	Examiner
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10-5-08	UBB Lower Station	# 1 Circuit	North Mains		
		# 2 Circuit	Lower branch		
		# 3 Circuit	North belts		
		# 4 Circuit	North Glory belts		
		# 5 Circuit	Old Rt 4 East Mains		
		# 6 Circuit	River Fork	not in service	
		# 7 Circuit	Surface power		
		# 8 Circuit	Northton		

no flags on relays

UV OK

All settings still the same

Cap out of service need repair

GM OK

*RC Shurts*  
8-11

Date

Location

Recommended setting

Actual setting

If not within recommended range, action taken

Examiner

12-7-08

UGB Lower Station

- # 1 circuit North Mains mine section OK
- # 2 circuit Old LBB # 2 section OK
- # 3 circuit North Mains # 1, 2, & 3 6' belts OK
- # 4 circuit North 6' Gley Belts OK
- # 5 circuit East Mains # 3 section Power OK
- # 6 circuit River Fork (not in service) OK
- # 7 circuit Surface Power OK
- # 8 circuit North Fan OK

No Flags

Monitor Trip OK

All settings still the same

CAPS are out of service

Neil Under 4-250

# MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date	Location	Recommended setting	Actual setting	If not within recommended range, action taken	Examiner
1-11-09	UBB	Lower station			

- # 1 North Main's #1 & #2 river sections OK
- # 2 ~~North Main's #1 & #2~~ Old UBB #2 section OK
- # 3 North #1 & #2, and #3 6 Foot Belts OK
- # 4 North Main's 6 Foot Wagon Belts OK
- # 5 East Mains #3 section OK
- # 6 River Fork (out of service)
- # 7 Surface Power OK
- # 8 North Fan Power OK

no flags

mut. Voids

monitor TRIP OK.

4-250

1-11-09

settings still the same

CAPS still out of service.

(To be kept at surface installation)

Date 2-8-09 Location UBS Lower Station Recommended setting Actual setting If not within recommended range, action taken Examiner

- #1 North main #1 & #2 mine sections OK
- #2 Old LBB #2 section OK
- #3 North #1, #2 and #3 6' Belts OK
- #4 North main's 6' glory belts OK
- #5 East main's #3 section OK
- #6 River Fork (out of service)
- #7 Surface Power OK
- #8 North Fan Power OK

No Flays

Monitor Trip OK

Trip settings OK

CAP still out of service

Fence & Fire Extinguishers OK

Not Noted  
4-250

MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date	Location	Recommended setting	Actual setting	If not within recommended range, action taken	Examiner
3-14-09	UBB	Lower station			

- #1 North Main's #1 and #2 wire sections OK
- #2 Old UBB #2 section OK
- #3 North #1, #2, and #3 6' Belts OK
- #4 North Main's 6' Heavy Belts OK
- #5 East Main #3 section OK
- #6 River Fork (out of service)
- #7 Surface Power OK
- #8 North Fan Power OK

No Flags

Monitor Trip OK

All settings still the same

Caps still out of service

Paul Nicolai

4-250



# MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date	Location	Recommended setting	Actual setting	If not within recommended range, action taken	Examiner
4-11-04	ABB Lower Station				
	#1 North Mains #1 & #2 Miner sections			OK	
	#2 Old ABB #2 sections			OK	
	#3 North 1, 2, & 3 6' Belts #4 section			OK	
	#4 North Mains 6' Glory Belts			OK	
	#5 East Mains #3 section			OK	
	#6 River Fork (out of service)				
	#7 Surface Power			OK	
	#8 North Fan Power			OK	

No Flags

Monitor Trip OK

All settings set the same

Upper caps in service

*J. E. Smith 4/11*

MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date	Location	Recommended setting	Actual setting	If not within recommended range, action taken	Examiner
5-6-09	UBB Lower station				

- #1 North MAINS #1 & #2 MIXER SECTION'S
- #2 OLD UBB #2 SECTION
- #3 North #1, #2 and #3 6' BELTS
- #4 North MAINS 6' GALOPY BELTS
- #5 EAST MAINS #3 SECTION
- #6 RIVER FORT (out of service)
- #7 SURFACE POWER
- #8 North Fan Power

no flags

monitor ok (visual only)

All settings still the same

UPPER CAPP'S in service

Print Number 4-250

MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date	Location	Recommended setting	Actual setting	If not within recommended range, action taken	Examiner
6-27-09	UBB	LOW	STATION		

- #1 NORTH MAINS # 1 & # 2 power section
- #2 OLD UBB # 2 section
- #3 NORTH # 1, # 2 and # 3-6 BELTS
- #4 NORTH MAINS 6' along Belt
- #5 EAST MAINS # 3 section
- #6 RIVER FORT (out of service)
- #7 SURFACE POWER
- #8 NORTH FAH POWER

NO FLAGS  
 Monitor OK (VIBRAL only)  
 All settings still the same.  
 UPPER CHAPS in service.  
 Fire Extinguishers OK.

Paul Walker 4-250

# MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date	Location	Recommended setting	Actual setting	If not within recommended range, action taken	Examiner
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7/12/09	UBB Lower main substation	#1 circuit	North mains + #1 and 2 motor sections	Checked monitor: TRIPPED E-stop underground. OK Tested phase relays OK Checked Ground Relay OK. Tested Instantaneous OK	
		#2 circuit	old UBB #2 local section	Tested monitor: TRIPPED E-stop underground OK Tested phase relays OK Tested ground relay OK Tested instantaneous OK	
		#3 circuit	North #1, #2 and #3 six foot belts	Tested monitor: TRIPPED E-stop underground: OK Tested phase relays OK <sup>Tested</sup> instantaneous OK Tested Ground relay OK	
		#4 circuit	North mains six foot belts (glary belts)	Tested monitor: TRIPPED E-stop underground: OK Tested phase relays: OK Tested ground relay: OK Tested instantaneous OK	
		#5 circuit	East mains #3 section	Tested monitor: TRIPPED E-stop underground: OK. Tested phase relays OK Tested Ground relay: OK Tested instantaneous OK.	
		#6 circuit	River fork	out of service	
		#7 circuit	surface power		
		#8 circuit	north fan power		

Checked substation with Randy Smith and Tim Brown

Station Ground; measured 2.3 Ohms. Ground field measured 4.8 Ohms

#1 Transformer circuit Ground resistor measured 283 Ohms

#2 Transformer circuit Ground resistor measured 280 Ohms V. Bowman  
4-249

MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date	Location	Recommended setting	Actual setting	If not within recommended range, action taken	Examiner
8-9-09	480 Lower sub station				

#1 circuit North main's # 1 & #2 ~~main's~~ section  
 Tested monitor circuit, Inst, and Time Relays  
 All are OK

#2 circuit Old 480 #2 section  
 Tested monitor circuit, Inst and Time Relays  
 All are OK

#3 circuit North # 1, 2, 3, six foot belts & #4 section  
 Tested monitor circuit, Inst and Time Relay

#4 circuit North main's 6' along belts  
 Tested monitor circuit, Inst and Time Relay

#5 circuit East main's #3 section  
 Tested monitor circuit, Inst and Time Relay

#6 circuit River Fork (Out of service)

#7 circuit Surface Power OK

#8 circuit North Fan OK

Fire Extinguishers OK  
 Fence OK

Paul Nicola  
 Lt-250

# MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

*Date*

*Location*

*Recommended  
setting*

*Actual  
setting*

*If not within recommended  
range, action taken*

*Examiner*

Mine Foreman—Manager

Certificate Number

Superintendent or Assistant

MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date 9-6-09 Location UBB Lower Substation Recommended setting Actual setting If not within recommended range, action taken Examiner

#1 Circuit Long wall & Mother drive

Tested monitor by pushing E-stop at first time switch in circuit. Tested Inst. and Time Relays all OK at time of exam.

#2 Circuit Miner section's & LBB.

Tested monitor by pushing E-stop at first line switch in circuit. Tested Inst. and Time Relays all OK at time of exam.

#3 Circuit North # 1, 2, 3 six foot belts and # 4 section

Tested monitor by pushing E-stop at first line switch in circuit. Tested Inst. and Time Relays all OK at time of exam.

#4 Circuit North main's six foot & Glory belt's

Tested monitor by pushing E-stop at first line switch in circuit. Tested Inst. and Time Relays all OK at time of exam.

#5 Circuit East main's and # 3 section

Tested monitor by pushing E-stop at first line switch in circuit. Tested Inst. and Time Relays all OK at time of exam.

#6 Circuit River Fork "Out of Service"

#7 Circuit Surface Power OK at time of exam

#8 Circuit North Fan OK at time of exam

Fire extinguishers OK at time of exam

Fence OK at time of exam

3-152





# MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date	Location	Recommended setting	Actual setting	If not within recommended range, action taken	Examiner
9-27-09	UBB Lower Substation				
Circuit #4 North main's six foot & glory belt's tested monitor by pushing E-stop at the first line switch in circuit. Tested Inst. and time relays all ok at time of exam. <i>Willie J. Drake</i> 3-152					
Circuit #5 East main's & #3 section test monitor by pushing E-stop at the first line switch in circuit tested Inst. and time relays all ok at time of exam <i>Willie J. Drake</i> 3-152					
Circuit #6 River Fork "Out of Service"					
Circuit #7 Ok at time of exam <i>Willie J. Drake</i> 3-152 surface power					
Circuit #8 Ok at time of exam <i>Willie J. Drake</i> 3-152 North Fan					
Circuit #1 Longwall & Longwall belt power tested monitor by pushing E-stop at the first line switch in circuit tested Inst. and time relays all ok at time of exam <i>Willie J. Drake</i> 3-152					
Circuit #2 #1 miner section and LBB. Tested monitor by pushing E-stop at the first line switch in the circuit tested Inst. and time relays all ok at time of exam <i>Willie J. Drake</i> 3-152					
Circuit #3 Glory belt & #5 Ellis & #4567 North belt's tested monitor by pushing E-stop at the first line switch in circuit Tested Inst. and time relays all ok at time of exam <i>Willie J. Drake</i> 3-152					

# MONTHLY EXAMINATION OF SURFACE HIGH VOLTAGE CIRCUIT BREAKERS

(To be kept at surface installation)

Date	Location	Recommended setting	Actual setting	If not within recommended range, action taken	Examiner
10-25-09	UBB Lower Substation				
Circuit #4	#1, #2, #3 six foot belt's & #4 section North main's six foot & glory belt's			tested monitor by pushing E-stop at the first line switch in the circuit, Tested Inst. and time relays all ok at time of exam	William J. Drah 3-152
Circuit #5	East main's & #3 section			tested monitor by pushing E-stop at the first line switch in the circuit, Tested Inst. and time relays all ok at time of exam	William J. Drah 3-152
Circuit #6	River Fork			"Out of service"	
Circuit #7	OK at time of exam			Surface Power	William J. Drah 3-152
Circuit #8	North En			OK at time of exam	William J. Drah 3-152
Circuit #1	long wall & long wall belt power			tested monitor by pushing E-stop at the first line switch in the circuit, Tested Inst. and time relays all ok at time of exam	William J. Drah 3-152
Circuit #2	#1, #2 miner section and LBB			Tested monitor by pushing E-stop at the first line switch in the circuit, tested Inst. and time relays all ok at time of exam	William J. Drah 3-152
Circuit #3	Glory belt's & #4,5,6,7 North belt's & Ellis #5 Ellis belt			Tested monitor by pushing the E-stop at the first line switch in the circuit Tested Inst. and time relays all ok at time of exam	William J. Drah 3-152