

5-25-10-13
LW

EXAMINATION OF ELECTRICAL EQUIPMENT

Shield yeild valves

Company Elk Run
Mine Logans Fork
Location P.O. 497 Sylvester Boone 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—1492
(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. This book is approved by the Director of The West Virginia Department of Mines and The U. S. Bureau of Mines.

EXAMINATION OF ELECTRICAL EQUIPMENT

Examination of electrical equipment (weekly)

weld #

Date	Location	Equipment examined and/or tested	Dangerous conditions	Action taken	Examiner
01-26-07	HG-1 G. Steens	Shield #1 - 7		replaced with new gild valves	
		GS-2-8			
		GS-3-9			
		GS-4-5			
		GS-5-185			
		GS-6-128			
		GS-7-115			
		GS-8-72			
		Weekly tests of grounding devices (diodes)			
		GS-9-61			
		GS-10-157			
		GS-11-133			
		GS-12-150			
		GS-13-183			
		GS-14-153			
		GS-15-80			
		GS-16-116			
		GS-17-86			
		GS-18-114			
		GS-19-160			
		Monthly examinations of methane monitors			
01-26-07		GS-20-4			
02-08-07		GS-21-29			
		GS-22-54			
		GS-23-31			
		GS-24-102			
		GS-25-55			

EXAMINATION OF ELECTRICAL EQUIPMENT

Power centers and transformers prior to movement

Date	Location	Equipment examined and/or tested	Dangerous conditions	Action taken	Examiner
02-08-07	HG 1	Shield # 26 - 72			
		GS-27 - 92			
		GS-28 - 167			
		GS-29 - 40			
		GS-30 - 19			
		GS-31 - 78			
		GS-32 - 177			
		GS-33 - 121			
		GS-34 - 195			
		GS-35 - 165			
		GS-36 - 12			
		GS-37 - 160			
		GS-38 - 179			
		GS-39 - 16			
		GS-40 - 93			

Examinations of low- medium-voltage power circuit breakers (monthly)

02-08-07		GS41 - 164			
02-12-07	Dellert Bailer	42 - 130			
		43 - 53			
		44 - 112			
		45 - 125			
		46 - 95			
		47 - 144			
		48 - 147			
		49 - 42			
		50 - 132			
		51 - 137			

EXAMINATION OF ELECTRICAL EQUIPMENT

Examination of electrical equipment (weekly)

Date	Location	Equipment examined and/or tested	Dangerous conditions	Action taken	Examiner
02-12-07	HG-1	Shield # 52-79 Bulb Bails 53-122			
		54-69			
		55-13			
		56-49			
		57-28			
		58-8			
		59-73			
		Weekly tests of grounding devices (diodes)			
		60-26			
		61-32			
02-20-07	HG 1	Rayhall Shenady			
		62-108			
		63-41			
		64-17			
		65-180			
		66-120			
		67-85			
		68-139			
		69-143			
		70-33			
		Monthly examinations of methane monitors			
		71-83			
		72-60			
		73-134			
		74-123			
		75-75			
		76-107			

EXAMINATION OF ELECTRICAL EQUIPMENT

Power centers and transformers prior to movement

Date	Location	Equipment examined and/or tested	Dangerous conditions	Action taken	Examiner
02-20-07	HG-1	Shield # 77-91			
		78-57-Still Needs Head end changed			
		79-20			
		80-56			
		81-130			
		82-168			
		83-152 Need head end changed			
		84-148			
		85-23			
		86-43			
		87-12			
		88-14			
		89-106			
		90-99			
		91-45			
		Examinations of low- medium-voltage power circuit breakers (monthly)			
		92-97			
		93-38			
		94-154			
		95-135			
		96-126			
		97-174			
		98-37			
		99-155			
		100-171			
		101-92			
		102-103			

Russell Green

G. S. Keens

3-15-07 B. Nichols

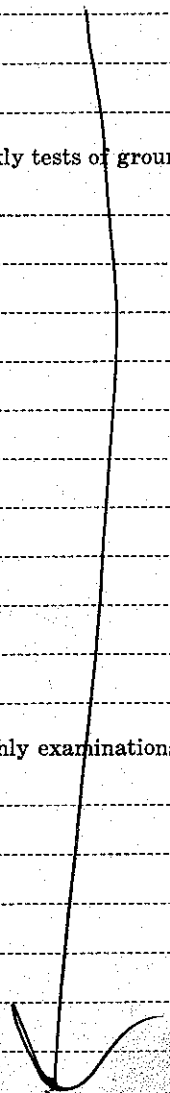
G S
S S

EXAMINATION OF ELECTRICAL EQUIPMENT

Examination of electrical equipment (weekly)

Date	Location	Equipment examined and/or tested	Dangerous conditions	Action taken	Examiner
3-17-07	H6-1	Shield # 104 - 111			
		# 105 - 129			
		# 106 - 88			
		# 107 - 158			
		# 108			
		# 109			
		# 110			
		# 111			
		Weekly tests of grounding devices (diodes)			
		# 112			
		# 113			
		# 114			
		# 115			
		# 116			
		# 117			
		# 118			
		# 119			
		# 120			
		# 121			
		# 122			
		Monthly examinations of methane monitors			
		# 123			
		# 124			
		# 125			
		# 126			
		# 127			
		# 128			

*Steve
Sutton*



EXAMINATION OF ELECTRICAL EQUIPMENT

Power centers and transformers prior to movement

Date	Location	Equipment examined and/or tested	Dangerous conditions	Action taken	Examiner
		# 129	✓		
		# 130	✓		
		# 131	✓		
		# 132	✓		
		# 133	✓		
		# 134	✓		
		# 135	✓		
		# 136	✓		
		# 137	✓		
		# 138	✓		
		# 139	✓		
		# 140	✓		
		# 141	✓		
		# 142	✓		
		# 143	✓		

Examinations of low- medium-voltage power circuit breakers (monthly)

#	144	
#	145	
#	146	
#	147	
#	148	
#	149	
#	150	
#	151	
#	152	
#	153	
#	154	

EXAMINATION OF ELECTRICAL EQUIPMENT

Examination of electrical equipment (weekly)

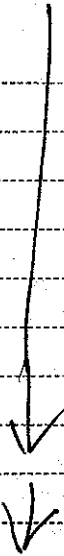
Date	Location	Equipment examined and/or tested	Weld #	Dangerous conditions	Action taken	Examiner
		# 155	✓			
		# 156	✓			
		# 157	✓			
		# 158	✓			
		# 159	✓			
		# 160	✓			
		# 161	✓			
4-1	D. Ross	# 162	142			

Weekly tests of grounding devices (diodes)

# 163	
# 164	157
# 165	149
# 166	90
# 167	85
# 168	136
# 169	84
# 170	181
# 171	26
# 172	21
# 173	38

Monthly examinations of methane monitors

174
175
176



EXAMINATION OF ELECTRICAL EQUIPMENT

Power centers and transformers prior to movement

Replaced yield valves

Date	Location	Equipment examined and/or tested	Valve No.	Dangerous conditions	Action taken	Examiner
11/3/07	# 172		10			SMS
↑ ↓	# 175		9			↑ ↓
	# 174		2			
	# 173		59			
	# 172		161			
11/3/07	# 171		77			SMS
↑ ↓	# 170		96			↑ ↓
	# 169		27			
	# 168		173			
	# 167		18			
	# 166		138			
	# 165		66			
11/5/07	# 164		135			SMS
11/6/07	# 163		126			SMS
11/6/07	# 162		174			SMS

Examinations of low- medium-voltage power circuit breakers (monthly)

↑ ↓	11/6/07	# 161	140			↑ ↓
	# 160	35				
	# 159	89				
	# 158	170				
	# 157	45				
	# 156	99				
	# 155	71				
	# 154	154				
	# 153	117				
	# 152	86				
	# 151	76				
	11/6/07	# 150	141			

EXAMINATION OF ELECTRICAL EQUIPMENT

Examination of electrical equipment (weekly)

er	Date	Location	Equipment examined and/or tested	Weld No.	Dangerous conditions	Action taken	Examiner
	11/13/07	149		47			525
	↑ ↓	148		51			↑ ↓
		147		89			
		146		148			
		145		149			
		144		146			
		143		23			
		142		20			
		141		124			
		140		104			
		139		34			
	1/13/07	138		107			525
	11/26/07	137		156			525
	↑ ↓	136		169			↑ ↓
		135		181			
		134		75			
		133		60			
		132		134			
		131		172			
		130		126			
		129		113			
		128		50			
		127		83			
	126		83				
	125		87				
	124		64				
	1/26/07	123		123			525

Weekly tests of grounding devices (diodes)

Monthly examinations of methane monitors

EXAMINATION OF ELECTRICAL EQUIPMENT

Power centers and transformers prior to movement

<i>Date</i>	<i>Location</i>	<i>Equipment examined and/or tested</i>	<i>Dangerous conditions</i>	<i>Action taken</i>	<i>Examiner</i>
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Examinations of low- medium-voltage power circuit breakers (monthly)

EXAMINATION OF ELECTRICAL EQUIPMENT

Examination of electrical equipment (weekly)

Examiner	Date	Location	Equipment examined and/or tested	Weld No	Dangerous conditions	Action taken	Examiner	
	11/30/07	121		17			SM S	
	11/30/07	120		41			SM S	
	12/3/07	119		13			SM S	
	↑	118		6			↑	
		117		101				
		112		96				
		115		157				
		114		65				
		113		149				
				Weekly tests of grounding devices (diodes)				
		112		85				
		111		90				
		110		175				
		109		49				
		108		8				
		107		136				
		106		52				
		105		13				
	104		122					
	103		127					
	102		44					
	101		95					
	12/3/07		Monthly examinations of methane monitors				SM S	
	12/6/07	122		139			SM S	
	↑	100		144			↑	
		99		53				
		98		112				
		97		164				
		96		130				
	12/6/07	95		93			SM S	

EXAMINATION OF ELECTRICAL EQUIPMENT

Examination of electrical equipment (weekly)

Examiner	Date	Location	Equipment examined and/or tested	Veld No.	Dangerous conditions	Action taken	Examiner
	12/18/07	94		16			SHS
	↑	93		21			↑
		92		145			
		91		110			
		90		125			
		89		177			
		88		78			
		87		38			
		84		19			
		85	Weekly tests of grounding devices (diodes)	40			↓
	12/18/07	84		179			SHS
	12/20/07	83		167			SHS
	↑	82		72			↑
		81		102			
		80		55			
		79		26			
		78		181			
		77		84			
		76		22			
		75		46			
		74		105			
		73	Monthly examinations of methane monitors	158			↓
	12/20/07	72		NO FINDER			SHS
	11/4/08	71		174			SHS
	↑	70		86			↑
	↓	69		129			↓
	1/4/08	68		88			SHS

EXAMINATION OF ELECTRICAL EQUIPMENT

Examination of electrical equipment (weekly)

miner	Date	Location	Equipment examined and/or tested	Weld No	Dangerous conditions	Action taken	Examiner
	11/4/08	67		103			SMJ
	↑	66		111			↑
		65		155			
		64		92			
	↓	63		131			↓
	11/4/08	62		171			SMJ
	1-7-08	61		182			SCG
	↑	60		74			↑
Weekly tests of grounding devices (diodes)							
		59		153			
		58		183			
		57		150			
		56		133			
		55		154			
		54		30			
		53		157			
		52		61			
		51		115			
		50		72			
		49		185			
Monthly examinations of methane monitors							
		48		128			
		47		123			
	1-7-08	46		142			SCG
	1/17/08	45		109			SMJ
	1/17/08	44		100			SMJ
	1/17/08	43		116			SMJ

EXAMINATION OF ELECTRICAL EQUIPMENT

Examination of electrical equipment (weekly)

Examiner	Date	Location	Equipment examined and/or tested	Work No	Dangerous conditions	Action taken	Examiner
	11/7/08	42		117			525
		41		48			
		40		29			
		39		54			
		38		82			
		37		31			
		36		121			
		35		151			
		34		178			
			Weekly tests of grounding devices (diodes)				
		33		125			
		32		12			
		31		119			
		30		163			
		29		80			
		28		147			
		27		28			
		26		79			
		25		26			
	11/7/08	24		160			525
	11/8/08	23		14			525
		22		38			
			Monthly examinations of methane monitors				
		21		42			
		20		137			
		19		32			
		18		108			
		17		180			
	11/8/08	16		120			525

EXAMINATION OF ELECTRICAL EQUIPMENT

Examination of electrical equipment (weekly)

Examiner	Date	Location	Equipment examined and/or tested	Weld NO.	Dangerous conditions	Action taken	Examiner	
	11/18/08	15		85			523	
	↑	04		52			↑	
		13		130				
		12		168				
		11		152				
		10		42				
		9		97				
		8		102				
	11/21/08	7		159			523	
	Weekly tests of grounding devices (diodes)							
	2/1/08	6		12			523	
	↑	5		8			↑	
		4		5				
		3		148				
		2		4				
		1		7				
	2/1/08	<u>yeild valve calibration change out</u>						523
	12/11/08	176		10			523	
	↑	175		9			↑	
		174		1				
		173		57				
		172		73				
		171		92				
		170		132				
		169		91				
		168		69				
		167		172				
		12/11/08	162		37			
	Monthly examinations of methane monitors							

EXAMINATION OF ELECTRICAL EQUIPMENT

Power centers and transformers prior to movement

Date	Location	Equipment examined and/or tested	V ₂₁₂ N ₁	Dangerous conditions	Action taken	Examiner
12/11/08	125		59			SM 3 ↑ ↓ SM 3 SM 3
	124		161			
	123		77			
	122		18			
	121		66			
	120		138			
	159		135			
	158		81			
12/11/08	157		126			
12/15/08	156		96			
	155		174			SM 3 SM 3 ↑ ↓ SM 3 SM 3
	154		140			
	153		35			
	152		39			
12/15/08	151		170			
12/17/08	150		27			
	149		45			
	148		99			
	147		71			
	146		184			
	145		173			
	144		118			
	143		36			
	142		76			
	141		47			
	140		141			
12/17/08	139		51			SM 3 ↓

Examinations of low- medium-voltage power circuit breakers (monthly)

EXAMINATION OF ELECTRICAL EQUIPMENT

Examination of electrical equipment (weekly)

Examiner	Date	Location	Equipment examined and/or tested	No.	Dangerous conditions	Action taken	Examiner
SJS	11/2/09	138	Weekly tests of grounding devices (diodes)	89			SJS
		137		23			
		132		20			
		135		146			
		134		149			
		133		124			
		132		704			
		131		34			
		130		149			
		SJS		11/2/09	129	Monthly examinations of methane monitors	
128	169						
127	181						
126	60						
125	172						
124	134						
123	166						
122	75						
121	50						
120	113						
SJS	11/5/09	119	Monthly examinations of methane monitors	33			SJS
		118		83			
		117		143			
		116		64			
		115		139			
		114		87			
		113		41			
112	17						

EXAMINATION OF ELECTRICAL EQUIPMENT

Power centers and transformers prior to movement

Date	Location	Equipment examined and/or tested	Welding	Dangerous conditions	Action taken	Examiner
11/13/09 ↑ ↓	111		6			5205 ↑ ↓ 5205 ↓ 5205
	110		13			
	109		181			
	108		96			
	187		157			
	106		65			
	105		149			
	104		90			
	103		85			
	102		8			
	101		49			
	100		52			
	99		136			
	98		13			
	97		175			
	95		144			
	94		95			
	93		53			
	92		112			
	91		130			
11/13/09						
11/15/09						
↑ ↓	90		93			↑ ↓
	89		16			
	88		145			
	87		127			
	86		110			
	85		165			
11/15/09						
84			177			5205

Examinations of low- medium-voltage power circuit breakers (monthly)

EXAMINATION OF ELECTRICAL EQUIPMENT

Examination of electrical equipment (weekly)

Examiner	Date	Location	Equipment examined and/or tested	Weld No.	Dangerous conditions	Action taken	Examiner
05	1/15/09	83		38			05
	↑	82		19			↑
		81		179			
		80		40			
		79		72			
		78		167			↓
	↓	77		102			05
	1/15/09	96		44			05
	1/16/09	76		55			05
	1/21/09	75	Weekly tests of grounding devices (diodes)	181			05
	↑	74		N1 706			↑
		73		158			
		72		129			
		71		114			
		70		88			
		69		103			
		68		84			
		67		187			
		66		111			
		65		74			
		64		182			
		63	Monthly examinations of methane monitors	071			
		62		183			
		61		183			
		60		154			
		59		61			
05	1/21/09	58		30			05

EXAMINATION OF ELECTRICAL EQUIPMENT

Power centers and transformers prior to movement

Date	Location	Equipment examined and/or tested	Dangerous conditions	Action taken	Examiner
11/21/09	57	185			JMS
	56	128			
	55	123			
	54	86			
	53	109			
	52	100			
	51	117			
	50	48			
	49	116			
	48	54			
11/29/09	47	121			JMS
	42	151			
	45	147			
	44	12			
	43				
	42	137	Examinations of low- medium-voltage power circuit breakers (monthly)		
	41	42			
	40	32			
	39	108			
	38	168			
	37	130			
	36	92			
	35	152			
	34	43			
	33	97			
32	159				
31	115				

EXAMINATION OF ELECTRICAL EQUIPMENT

Examination of electrical equipment (weekly)

miner	Date	Location	Equipment examined and/or tested	Volts	NO	Dangerous conditions	Action taken	Examiner
03	1/29/09	30		29				523
1	1/29/09	29		85				523
	2/2/09	28		119				523
		27		72				
		26		157				
		25		120				
		24		180				
	2/2/09	22		178				523
	2/6/09	22		38				523
		21	Weekly tests of grounding devices (diodes)	150				
		20		26				
		19		125				
		18		28				
		17		153				
		16		163				
		15		142				
		14		82				
		13		31				
		12		105				
		11		164				
		10	Monthly examinations of methane monitors	14				
		9		102				
		8		26				
		7		12				
		6		56				
		5		2				
523	2/6/09	4		6				523

EXAMINATION OF ELECTRICAL EQUIPMENT

Power centers and transformers prior to movement

Date	Location	Equipment examined and/or tested	V _o / NO.	Dangerous conditions	Action taken	Examiner
2/6/09	3		140			V _o 3
2/6/09	2		1			V _o 3
2/6/09	1		4			V _o 3

Examinations of low- medium-voltage power circuit breakers (monthly)

EXAMINATION OF ELECTRICAL EQUIPMENT

Examination of electrical equipment (weekly)

<i>Examiner</i>	<i>Date</i>	<i>Location</i>	<i>Equipment examined and/or tested</i>	<i>Dangerous conditions</i>	<i>Action taken</i>	<i>Examiner</i>
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Weekly tests of grounding devices (diodes)

Monthly examinations of methane monitors