



Inspection Report Grounds Tests & Inspections

Division: POWDER RIVER	Asset ID: BABL11M
Subdivision: BUTTE	Test Date: 07/17/2016
Milepost: 4 470.30 - 470.30	State: SD
Location: 470.30	
County: FALL RIVER	
Employee's Name: Samuel Whitney	PARS Number: SMTR0494

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Grounds Test (FRA 236.107)		
Bus Nomenclature	Condition Left	Non-Compliant Voltage
B12	C	



Inspection Report Grounds Tests & Inspections

Division: POWDER RIVER

Subdivision: BUTTE

Milepost: 4 470.30 - 470.30

Location: 470.30

County: FALL RIVER

Employee's Name: Samuel Whitney

Asset ID: BABL11M

Test Date: 08/12/2016

State: SD

PARS Number: SMTR0494

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Grounds Test (FRA 236.107)		
Bus Nomenclature	Condition Left	Non-Compliant Voltage
B12	C	



Inspection Report Grounds Tests & Inspections

Division: POWDER RIVER

Subdivision: BUTTE

Milepost: 4 470.30 - 470.30

Location: 470.30

County: FALL RIVER

Employee's Name: Samuel Whitney

Asset ID: BABL11M

Test Date: 11/07/2016

State: SD

PARS Number: SMTR0494

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Grounds Test (FRA 236.107)		
Bus Nomenclature	Condition Left	Non-Compliant Voltage
B12	C	



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6DM
Subdivision: BUTTE	Test Date: 06/14/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 A Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

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- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6DM
Subdivision: BUTTE	Test Date: 07/05/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 A Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

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- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6DM
Subdivision: BUTTE	Test Date: 07/29/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 A Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

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Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	C
Circuit Controller Points - REVERSE (FRA 236.103)	C
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	C
Timing (SI 4.2)	N



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6DM
Subdivision: BUTTE	Test Date: 08/24/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 A Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

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- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6DM
Subdivision: BUTTE	Test Date: 09/07/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 A Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

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- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6DM
Subdivision: BUTTE	Test Date: 10/07/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 A Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

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- NC = Not compliant
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Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	C
Circuit Controller Points - REVERSE (FRA 236.103)	C
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	C
Timing (SI 4.2)	N



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6DM
Subdivision: BUTTE	Test Date: 11/02/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 A Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

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- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6DM
Subdivision: BUTTE	Test Date: 11/29/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 A Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

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- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6DM
Subdivision: BUTTE	Test Date: 12/27/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 A Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

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- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
Lock rod slightly out of adjutment. Adjusted and tested ok,	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
Lock rod slightly out of adjustment. Adjusted and tested ok.	

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	C
Circuit Controller Points - REVERSE (FRA 236.103)	C
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	C
Timing (SI 4.2)	N



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6DM
Subdivision: BUTTE	Test Date: 12/30/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 A Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

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Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	A
Pd sensor out of adjustment. Adjusted and tested ok.	
Circuit Controller Points - REVERSE (FRA 236.103)	C
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	NT
Timing (SI 4.2)	NT



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA56C
Subdivision: BUTTE	Test Date: 06/21/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 BF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

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- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA56C
Subdivision: BUTTE	Test Date: 07/18/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 BF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

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- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA56C
Subdivision: BUTTE	Test Date: 07/29/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 BF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

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Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	C
Circuit Controller Points - REVERSE (FRA 236.103)	C
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	C
Timing (SI 4.2)	N



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA56C
Subdivision: BUTTE	Test Date: 08/11/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 BF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

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- P = Pass
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Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	C
Circuit Controller Points - REVERSE (FRA 236.103)	A
Point detector sensor slightly too tight. Adjusted and tested ok.	
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	NT
Timing (SI 4.2)	NT



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA56C
Subdivision: BUTTE	Test Date: 08/23/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 BF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

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- P = Pass
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Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA56C
Subdivision: BUTTE	Test Date: 08/23/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 BF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

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Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	NT
Obstruct Lock Rod - REVERSE (FRA 236.382)	NT

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	C
Circuit Controller Points - REVERSE (FRA 236.103)	C
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	NT
Timing (SI 4.2)	NT



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA56C
Subdivision: BUTTE	Test Date: 09/09/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 BF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

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Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA56C
Subdivision: BUTTE	Test Date: 10/05/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 BF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

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Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	C
Circuit Controller Points - REVERSE (FRA 236.103)	C
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	C
Timing (SI 4.2)	N



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA56C
Subdivision: BUTTE	Test Date: 10/28/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 BF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

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- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA56C
Subdivision: BUTTE	Test Date: 11/22/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 BF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA56C
Subdivision: BUTTE	Test Date: 12/20/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 BF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
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- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	C
Circuit Controller Points - REVERSE (FRA 236.103)	A
PD sensor out of adjustment. Adjusted and tested ok.	
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	C
Timing (SI 4.2)	N



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA56C
Subdivision: BUTTE	Test Date: 01/04/2017
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 BF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
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- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA57J
Subdivision: BUTTE	Test Date: 06/21/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 B Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA57J
Subdivision: BUTTE	Test Date: 07/18/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 B Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA57J
Subdivision: BUTTE	Test Date: 07/29/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 B Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	C
Circuit Controller Points - REVERSE (FRA 236.103)	C
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	C
Timing (SI 4.2)	N



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA57J
Subdivision: BUTTE	Test Date: 08/11/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 B Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	C
Circuit Controller Points - REVERSE (FRA 236.103)	C
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	NT
Timing (SI 4.2)	NT



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA57J
Subdivision: BUTTE	Test Date: 08/23/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 B Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA57J
Subdivision: BUTTE	Test Date: 09/09/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 B Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA57J
Subdivision: BUTTE	Test Date: 10/05/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 B Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	C
Circuit Controller Points - REVERSE (FRA 236.103)	C
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	C
Timing (SI 4.2)	N



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA57J
Subdivision: BUTTE	Test Date: 10/28/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 B Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA57J
Subdivision: BUTTE	Test Date: 11/22/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 B Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
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- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA57J
Subdivision: BUTTE	Test Date: 12/20/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 B Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
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- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	C
Circuit Controller Points - REVERSE (FRA 236.103)	C
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	C
Timing (SI 4.2)	N



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA57J
Subdivision: BUTTE	Test Date: 01/04/2017
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 B Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report Grounds Tests & Inspections

Division: POWDER RIVER

Subdivision: BUTTE

Milepost: 4 472.20 - 472.20

Location: C.P. 472.20

County: FALL RIVER

Employee's Name: Samuel Whitney

Asset ID: BACDGAF

Test Date: 06/23/2016

State: SD

PARS Number: SMTR0494

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Grounds Test (FRA 236.107)		
Bus Nomenclature	Condition Left	Non-Compliant Voltage
1B12	C	
B110	C	



Inspection Report Grounds Tests & Inspections

Division: POWDER RIVER

Subdivision: BUTTE

Milepost: 4 472.20 - 472.20

Location: C.P. 472.20

County: FALL RIVER

Employee's Name: Samuel Whitney

Asset ID: BACDGAF

Test Date: 07/17/2016

State: SD

PARS Number: SMTR0494

Conditions Master Key

C = Test completed, no exceptions found, and condition left in compliance.

A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.

R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.

B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.

G = Governed by Special Instruction

NT = The equipment was not tested in this inspection.

N = Test Not Applicable.

CO = Compliant

NC = Not compliant

P = Pass

F = Fail

Grounds Test (FRA 236.107)

Bus Nomenclature	Condition Left	Non-Compliant Voltage
1B12	C	
B110	C	



Inspection Report Grounds Tests & Inspections

Division: POWDER RIVER

Subdivision: BUTTE

Milepost: 4 472.20 - 472.20

Location: C.P. 472.20

County: FALL RIVER

Employee's Name: Samuel Whitney

Asset ID: BACDGAF

Test Date: 08/29/2016

State: SD

PARS Number: SMTR0494

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Grounds Test (FRA 236.107)		
Bus Nomenclature	Condition Left	Non-Compliant Voltage
1B12	C	
B110	C	



Inspection Report Grounds Tests & Inspections

Division: POWDER RIVER	Asset ID: BACDGAF
Subdivision: BUTTE	Test Date: 11/18/2016
Milepost: 4 472.20 - 472.20	State: SD
Location: C.P. 472.20	
County: FALL RIVER	
Employee's Name: Samuel Whitney	PARS Number: SMTR0494

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Grounds Test (FRA 236.107)		
Bus Nomenclature	Condition Left	Non-Compliant Voltage
1B12	C	
B110	C	



Inspection Report - Locking Tests & Inspections

Division: POWDER RIVER	Asset ID: BACDGAF
Subdivision: BUTTE	Test Date: 08/18/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: C.P. 472.20	
County: FALL RIVER	
Employee's Name: Robin Freeze (rfreeze)	PARS Number: SINS0167

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

NOTE: Entry of results of tests indicates for approach locking that all track sections in approach are effective, and for time locking each time locking circuit is effective.

Locking Tests							
Route Nomenclature	Date Tested	Mechanical (FRA 236.376)	Approach (FRA 236.377)	Time (FRA 236.378)	Route (FRA 236.379)	Indication (FRA 236.380)	Traffic (FRA 236.381)
Baseline Data Condition Left: B							
Did you verify input/output circuits to/from the processor unit? Yes							
Did you verify configuration settings checksum and crc are set per the print? Yes							
1EA-2BF.N-2B.N-1B.N-1BF.N-1WA		NI	NI	NI	NI	NI	NI
1EB-2BF.N-2B.N-1B.R-1BF.R-1AF.R-1A.R-2WB		NI	NI	NI	NI	NI	NI
1WA-1BF.N-1B.N-2B.N-2BF.N-1EA		NI	NI	NI	NI	NI	NI
1WB-1BF.N-1B.N-2B.R-2BF.R-2AF.R-2A.R-2EB		NI	NI	NI	NI	NI	NI
2EA-2A.N-2AF.N-1AF.N-1A.N-2WA		NI	NI	NI	NI	NI	NI
2EB-2A.R-2AF.R-2BF.R-2B.R-1B.N-1BF.N-1WB		NI	NI	NI	NI	NI	NI
2WA-1A.N-1AF.N-2AF.N-2A.N-2EA		NI	NI	NI	NI	NI	NI
2WB-1A.R-1AF.R-1BF.R-1B.R-2B.N-2BF.N-1EB		NI	NI	NI	NI	NI	NI



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6BY
Subdivision: BUTTE	Test Date: 06/14/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1AF	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6BY
Subdivision: BUTTE	Test Date: 07/05/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1AF	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6BY
Subdivision: BUTTE	Test Date: 07/28/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1AF	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
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- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	C
Circuit Controller Points - REVERSE (FRA 236.103)	C
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	C
Timing (SI 4.2)	N



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6BY
Subdivision: BUTTE	Test Date: 08/24/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1AF	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6BY
Subdivision: BUTTE	Test Date: 09/07/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1AF	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6BY
Subdivision: BUTTE	Test Date: 10/06/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1AF	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

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- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	C
Circuit Controller Points - REVERSE (FRA 236.103)	C
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	C
Timing (SI 4.2)	N



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6BY
Subdivision: BUTTE	Test Date: 11/02/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1AF	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6BY
Subdivision: BUTTE	Test Date: 11/29/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1AF	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

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- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6BY
Subdivision: BUTTE	Test Date: 12/27/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1AF	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
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- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	C
Circuit Controller Points - REVERSE (FRA 236.103)	C
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	C
Timing (SI 4.2)	N



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA58R
Subdivision: BUTTE	Test Date: 06/21/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2B	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA58R
Subdivision: BUTTE	Test Date: 07/19/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2B	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
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- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA58R
Subdivision: BUTTE	Test Date: 07/29/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2B	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
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- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	C
Circuit Controller Points - REVERSE (FRA 236.103)	C
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	C
Timing (SI 4.2)	N



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA58R
Subdivision: BUTTE	Test Date: 08/24/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2B	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

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- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA58R
Subdivision: BUTTE	Test Date: 09/09/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2B	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
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- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA58R
Subdivision: BUTTE	Test Date: 10/05/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2B	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
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- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	C
Circuit Controller Points - REVERSE (FRA 236.103)	C
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	C
Timing (SI 4.2)	N



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA58R
Subdivision: BUTTE	Test Date: 10/28/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2B	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
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- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA58R
Subdivision: BUTTE	Test Date: 11/22/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2B	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA58R
Subdivision: BUTTE	Test Date: 12/20/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2B	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	C
Circuit Controller Points - REVERSE (FRA 236.103)	C
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	C
Timing (SI 4.2)	N



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA58R
Subdivision: BUTTE	Test Date: 12/23/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2B	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	A
Switch not locking up due to ice in points. Pd sensor slightly too tight. Adjusted and tested ok.	
Circuit Controller Points - REVERSE (FRA 236.103)	C
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	NT
Timing (SI 4.2)	NT



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA58R
Subdivision: BUTTE	Test Date: 01/16/2017
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2B	
County: FALL RIVER	
Employee's Name: Robin Freeze (rfreeze)	PARS Number: SINS0167
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
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- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6AS
Subdivision: BUTTE	Test Date: 06/14/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1A	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6AS
Subdivision: BUTTE	Test Date: 07/05/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1A	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6AS
Subdivision: BUTTE	Test Date: 07/28/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1A	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	C
Circuit Controller Points - REVERSE (FRA 236.103)	C
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	C
Timing (SI 4.2)	N



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6AS
Subdivision: BUTTE	Test Date: 08/24/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1A	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
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- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6AS
Subdivision: BUTTE	Test Date: 09/07/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1A	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6AS
Subdivision: BUTTE	Test Date: 10/06/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1A	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	C
Circuit Controller Points - REVERSE (FRA 236.103)	C
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	C
Timing (SI 4.2)	N



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6AS
Subdivision: BUTTE	Test Date: 11/02/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1A	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6AS
Subdivision: BUTTE	Test Date: 11/29/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1A	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
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- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6AS
Subdivision: BUTTE	Test Date: 12/27/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1A	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
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- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	C
Circuit Controller Points - REVERSE (FRA 236.103)	C
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	C
Timing (SI 4.2)	N



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA59X
Subdivision: BUTTE	Test Date: 06/21/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2BF	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

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- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA59X
Subdivision: BUTTE	Test Date: 07/19/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2BF	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA59X
Subdivision: BUTTE	Test Date: 07/29/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2BF	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
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- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	C
Circuit Controller Points - REVERSE (FRA 236.103)	C
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	C
Timing (SI 4.2)	N



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA59X
Subdivision: BUTTE	Test Date: 08/24/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2BF	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
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- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA59X
Subdivision: BUTTE	Test Date: 09/09/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2BF	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
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- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA59X
Subdivision: BUTTE	Test Date: 10/05/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2BF	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
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- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	C
Circuit Controller Points - REVERSE (FRA 236.103)	C
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	C
Timing (SI 4.2)	N



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA59X
Subdivision: BUTTE	Test Date: 10/28/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2BF	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

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- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
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- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA59X
Subdivision: BUTTE	Test Date: 11/22/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2BF	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
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- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA59X
Subdivision: BUTTE	Test Date: 12/20/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2BF	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
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- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	C
Circuit Controller Points - REVERSE (FRA 236.103)	C
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	C
Timing (SI 4.2)	N



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA59X
Subdivision: BUTTE	Test Date: 01/16/2017
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2BF	
County: FALL RIVER	
Employee's Name: Robin Freeze (rfreeze)	PARS Number: SINS0167
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
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- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
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- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6CF
Subdivision: BUTTE	Test Date: 06/14/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 AF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6CF
Subdivision: BUTTE	Test Date: 07/05/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 AF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
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- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6CF
Subdivision: BUTTE	Test Date: 07/29/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 AF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
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- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	C
Circuit Controller Points - REVERSE (FRA 236.103)	C
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	C
Timing (SI 4.2)	N



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6CF
Subdivision: BUTTE	Test Date: 08/24/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 AF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
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- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6CF
Subdivision: BUTTE	Test Date: 09/07/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 AF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6CF
Subdivision: BUTTE	Test Date: 10/07/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 AF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	C
Circuit Controller Points - REVERSE (FRA 236.103)	C
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	C
Timing (SI 4.2)	N



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6CF
Subdivision: BUTTE	Test Date: 11/02/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 AF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
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- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6CF
Subdivision: BUTTE	Test Date: 11/29/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 AF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6CF
Subdivision: BUTTE	Test Date: 12/27/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 AF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
Lock rod slightly out of adjustment. Adjusted and tested ok.	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
Lock rod slightly out of adjustment. Adjusted and tested ok.	

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	C
Circuit Controller Points - REVERSE (FRA 236.103)	A
Pd sensor out of adjustemnt. Adjusted and tested ok.	
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	C
Timing (SI 4.2)	N



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6CF
Subdivision: BUTTE	Test Date: 12/30/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 AF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	C
Circuit Controller Points - REVERSE (FRA 236.103)	C
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	NT
Timing (SI 4.2)	NT



Inspection Report Grounds Tests & Inspections

Division: POWDER RIVER

Subdivision: BUTTE

Milepost: 4 473.82 - 473.82

Location: int 473

County: FALL RIVER

Employee's Name: Samuel Whitney

Asset ID: BAB7DVB

Test Date: 07/21/2016

State: SD

PARS Number: SMTR0494

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Grounds Test (FRA 236.107)

Bus Nomenclature	Condition Left	Non-Compliant Voltage
1B12	C	
2B12	C	



Inspection Report Grounds Tests & Inspections

Division: POWDER RIVER

Subdivision: BUTTE

Milepost: 4 473.82 - 473.82

Location: int 473

County: FALL RIVER

Employee's Name: Samuel Whitney

Asset ID: BAB7DVB

Test Date: 10/12/2016

State: SD

PARS Number: SMTR0494

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Grounds Test (FRA 236.107)		
Bus Nomenclature	Condition Left	Non-Compliant Voltage
1B12	C	
2B12	C	



Inspection Report Grounds Tests & Inspections

Division: POWDER RIVER

Subdivision: BUTTE

Milepost: 4 473.82 - 473.82

Location: int 473

County: FALL RIVER

Employee's Name: Samuel Whitney

Asset ID: BAB7DVB

Test Date: 12/21/2016

State: SD

PARS Number: SMTR0494

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Grounds Test (FRA 236.107)

Bus Nomenclature	Condition Left	Non-Compliant Voltage
1B12	C	
2B12	C	



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BABL2JR
Subdivision: BUTTE	Test Date: 06/15/2016
Milepost (with Line Segment): 4 475.20 - 475.20	State: SD
Location / Highway Name: east edgemont sw.	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	C
Circuit Controller Points - REVERSE (FRA 236.103)	C
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	C
Timing (SI 4.2)	N



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BABL2JR
Subdivision: BUTTE	Test Date: 07/01/2016
Milepost (with Line Segment): 4 475.20 - 475.20	State: SD
Location / Highway Name: east edgemont sw.	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BABL2JR
Subdivision: BUTTE	Test Date: 07/27/2016
Milepost (with Line Segment): 4 475.20 - 475.20	State: SD
Location / Highway Name: east edgemont sw.	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BABL2JR
Subdivision: BUTTE	Test Date: 07/27/2016
Milepost (with Line Segment): 4 475.20 - 475.20	State: SD
Location / Highway Name: east edgemont sw.	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	NT
Obstruct Lock Rod - REVERSE (FRA 236.382)	NT

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	A
Adjusted PD rod for correct roller gap. Tested ok.	
Circuit Controller Points - REVERSE (FRA 236.103)	A
Adjusted PD rod for correct roller gap. Tested ok.	
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	NT
Timing (SI 4.2)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BABL2JR
Subdivision: BUTTE	Test Date: 08/23/2016
Milepost (with Line Segment): 4 475.20 - 475.20	State: SD
Location / Highway Name: east edgemont sw.	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	C
Circuit Controller Points - REVERSE (FRA 236.103)	C
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	C
Timing (SI 4.2)	N



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BABL2JR
Subdivision: BUTTE	Test Date: 09/07/2016
Milepost (with Line Segment): 4 475.20 - 475.20	State: SD
Location / Highway Name: east edgemont sw.	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BABL2JR
Subdivision: BUTTE	Test Date: 10/06/2016
Milepost (with Line Segment): 4 475.20 - 475.20	State: SD
Location / Highway Name: east edgemont sw.	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BABL2JR
Subdivision: BUTTE	Test Date: 11/02/2016
Milepost (with Line Segment): 4 475.20 - 475.20	State: SD
Location / Highway Name: east edgemont sw.	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	C
Circuit Controller Points - REVERSE (FRA 236.103)	C
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	C
Timing (SI 4.2)	N



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BABL2JR
Subdivision: BUTTE	Test Date: 11/30/2016
Milepost (with Line Segment): 4 475.20 - 475.20	State: SD
Location / Highway Name: east edgemont sw.	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BABL2JR
Subdivision: BUTTE	Test Date: 12/29/2016
Milepost (with Line Segment): 4 475.20 - 475.20	State: SD
Location / Highway Name: east edgemont sw.	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C



Inspection Report Grounds Tests & Inspections

Division: POWDER RIVER

Subdivision: BUTTE

Milepost: 4 475.20 - 475.20

Location: east edgemont

County: FALL RIVER

Employee's Name: Samuel Whitney

Asset ID: BABL2KX

Test Date: 06/23/2016

State: SD

PARS Number: SMTR0494

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Grounds Test (FRA 236.107)

Bus Nomenclature	Condition Left	Non-Compliant Voltage
B12	C	
B26	C	
ECB	C	



Inspection Report Grounds Tests & Inspections

Division: POWDER RIVER

Subdivision: BUTTE

Milepost: 4 475.20 - 475.20

Location: east edgemont

County: FALL RIVER

Employee's Name: Samuel Whitney

Asset ID: BABL2KX

Test Date: 08/26/2016

State: SD

PARS Number: SMTR0494

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Grounds Test (FRA 236.107)

Bus Nomenclature	Condition Left	Non-Compliant Voltage
B12	C	
B26	C	
ECB	C	



Inspection Report Grounds Tests & Inspections

Division: POWDER RIVER

Subdivision: BUTTE

Milepost: 4 475.20 - 475.20

Location: east edgemont

County: FALL RIVER

Employee's Name: Samuel Whitney

Asset ID: BABL2KX

Test Date: 11/14/2016

State: SD

PARS Number: SMTR0494

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Grounds Test (FRA 236.107)

Bus Nomenclature	Condition Left	Non-Compliant Voltage
B12	C	
B26	C	
ECB	C	



Inspection Report - Timing Tests & Inspections

Division: POWDER RIVER	Asset ID: BABL2KX
Subdivision: BUTTE	Test Date: 11/28/2016
Milepost (with Line Segment): 4 475.20 - 475.20	State: SD
Location / Highway Name: east edgemont	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that previously recorded.
- NT = The equipment was not tested in this inspection.
- N = No inspection required. The given timer does not require inspection at this time.

Time Releases, Timing Relays, and Timing Devices (FRA 236.109)			
Timer	Design Time	Measured Time	Condition Left
1OS THER	00:00:10.0	00:00:09.5	C
1TER	00:06:30.0	00:06:20.9	C



Inspection Report - Locking Tests & Inspections

Division: POWDER RIVER	Asset ID: BABL2KX
Subdivision: BUTTE	Test Date: 01/05/2017
Milepost (with Line Segment): 4 475.20 - 475.20	State: SD
Location / Highway Name: east edgemont	
County: FALL RIVER	
Employee's Name: Robin Freeze (rfreeze)	PARS Number: SINS0167

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

NOTE: Entry of results of tests indicates for approach locking that all track sections in approach are effective, and for time locking each time locking circuit is effective.

Locking Tests								
Route Nomenclature	Date Tested	Mechanical (FRA 236.376)	Approach (FRA 236.377)	Time (FRA 236.378)	Route (FRA 236.379)	Indication (FRA 236.380)	Traffic (FRA 236.381)	
1EA(sig)-1.N(sw)-1WA(sig)	01/05/2017	N	C	N	C	C	N	
1EB(sig)-1.R(sw)-1WB(sig)	01/05/2017	N	N	C	C	C	N	
1WA(sig)-1.N(sw)-1EA(sig)	01/05/2017	N	C	N	C	C	N	
1WB(sig)-1.R(sw)-1EB(sig)	01/05/2017	N	C	N	C	C	N	



Inspection Report

Relay Tests & Inspections

Division: POWDER RIVER

Asset ID: BABL2KX

Subdivision: BUTTE

Test Date: 07/05/2016

Milepost: 4 475.20 - 475.20

State: SD

Location: east edgemont

County: FALL RIVER

Employee's Name: Robin Freeze

PARS Number: SINS0167

Conditions Key

- C = Test completed, condition left in compliance.
- R = Replacements made (identified in associated comments), test completed, and condition left in compliance.
- V = Visual inspection completed, condition left in compliance.
- NT = The equipment was not tested in this inspection
- N = No inspection required. The given relay does not require inspection at this time.

Relay Tests (FRA 234.263, 236.106)

Shelf Name	Relay Name	Tested	Condition
RACK 2G	1E-BKR	0	N
Relay PN-150B (N322500-701 / 4A1)	Serial No. L803155	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)	Resistance 400
Contacts 6FB			
RACK 2G	1E-TR	0	N
Relay PN-150B (N322500-701 / 4A1)	Serial No. L794445	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)	Resistance 400
Contacts 6FB			
RACK 2G	OSTR	0	N
Relay PN-150BTR (322501-702)	Serial No. L789462	Type (Drawing/Catalog No.) PN-150BTR (322501-702)	Resistance 4
Contacts 6F-6B			
RACK 2G	OSTP-THR	0	N
Relay PT-150 (322518-005)	Serial No. L778687	Type (Drawing/Catalog No.) PT-150 (322518-005)	Resistance
Contacts 1F-1CB			
RACK 2G	OSTPR	0	N
Relay PN-250B (N322554-701 / 4A1)	Serial No. L803079	Type (Drawing/Catalog No.) PN-250B (N322554-701 / 4A1)	Resistance 250 (500/500 parallel)
Contacts 6FB-6F-3B			
RACK 2G	OSTPPR	0	N
Relay PN-150B (N322500-701 / 4A1)	Serial No. L793461	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)	Resistance 400
Contacts 6FB			
RACK 2G	POR	0	N
Relay PN-150P (322508-702-002)	Serial No. 1281980	Type (Drawing/Catalog No.) PN-150P (322508-702-002)	Resistance 240
Contacts 4F-4BHD			

Shelf Name RACK 2F	Relay Name 1W-BKR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L793456	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)		Resistance 400	Contacts 6FB
Shelf Name RACK 2F	Relay Name P-TR	Tested 0	Condition N		
Relay PN-150BTR (322501-701)	Serial No. L769753	Type (Drawing/Catalog No.) PN-150BTR (322501-701)		Resistance 1	Contacts 6F-6B
Shelf Name RACK 2F	Relay Name 1W-TR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L753231	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)		Resistance 400	Contacts 6FB
Shelf Name RACK 2F	Relay Name OSA-TR	Tested 0	Condition N		
Relay PN-150BTR (322501-702)	Serial No. L814380	Type (Drawing/Catalog No.) PN-150BTR (322501-702)		Resistance 4	Contacts 6F-6B
Shelf Name RACK 2E	Relay Name 1LR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L802432	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)		Resistance 400	Contacts 6FB
Shelf Name RACK 2E	Relay Name 1LSR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L793457	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)		Resistance 400	Contacts 6FB
Shelf Name RACK 2E	Relay Name 1E-ASR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L803289	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)		Resistance 400	Contacts 6FB
Shelf Name RACK 2E	Relay Name 1W-ASR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L804645	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)		Resistance 400	Contacts 6FB
Shelf Name RACK 2E	Relay Name 1ASPR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L793522	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)		Resistance 400	Contacts 6FB
Shelf Name RACK 2E	Relay Name 1TER	Tested 0	Condition N		
Relay PN-150T (322523-308)	Serial No. L816896	Type (Drawing/Catalog No.) PN-150T (322523-308)		Resistance	Contacts 3F
Shelf Name RACK 2D	Relay Name 1-WR	Tested 07/05/2016	Condition C		
Relay PP-151 (322516-001)	Serial No. L815449	Type (Drawing/Catalog No.) PP-151 (322516-001)		Resistance 240	Contacts 6NR
	Polar Normal Pickup 0.0239 A DC		Polar Normal Working 0.0239 A DC	Polar Reverse Pickup 0.0219 A DC	Polar Reverse Working 0.0219 A DC
Shelf Name RACK 2D	Relay Name 1-OR	Tested 0	Condition N		
Relay PN-150SO (322512-002)	Serial No. L806579	Type (Drawing/Catalog No.) PN-150SO (322512-002)		Resistance 0.039	Contacts 1B-1C

Shelf Name RACK 2D	Relay Name 1-WRPR	Tested 0	Condition N		
Relay PN-150BM (322517-001)	Serial No. L797150	Type (Drawing/Catalog No.) PN-150BM (322517-001)		Resistance 240	Contacts 2FMHD
Shelf Name RACK 2D	Relay Name 1E-ASPR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L796869	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)		Resistance 400	Contacts 6FB
Shelf Name RACK 2D	Relay Name 1NWCR	Tested 0	Condition N		
Relay PN-250B (N322554-701 / 4A1)	Serial No. L810747	Type (Drawing/Catalog No.) PN-250B (N322554-701 / 4A1)		Resistance 250 (500/500 parallel)	Contacts 6FB-6F-3B
Shelf Name RACK 2D	Relay Name 1RWCR	Tested 0	Condition N		
Relay PN-250B (N322554-701 / 4A1)	Serial No. L803072	Type (Drawing/Catalog No.) PN-250B (N322554-701 / 4A1)		Resistance 250 (500/500 parallel)	Contacts 6FB-6F-3B
Shelf Name RACK 1F	Relay Name 1E-HR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L803266	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)		Resistance 400	Contacts 6FB
Shelf Name RACK 1F	Relay Name 1E-PCR	Tested 0	Condition N		
Relay PN-150BSR (N322503-701 / 4A3)	Serial No. L811679	Type (Drawing/Catalog No.) PN-150BSR (N322503-701 / 4A3)		Resistance 100	Contacts 6F-6B
Shelf Name RACK 1F	Relay Name 1E-DR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L793251	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)		Resistance 400	Contacts 6FB
Shelf Name RACK 1F	Relay Name 1E-FYR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L793452	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)		Resistance 400	Contacts 6FB
Shelf Name RACK 1F	Relay Name SMKR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. 2480908	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)		Resistance 400	Contacts 6FB
Shelf Name RACK 1F	Relay Name EAR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L796679	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)		Resistance 400	Contacts 6FB
Shelf Name RACK 1F	Relay Name WAR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L934973	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)		Resistance 400	Contacts 6FB

Shelf Name RACK 1E	Relay Name 1W-DR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. 1980590	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)		Resistance 400	Contacts 6FB
Shelf Name RACK 1E	Relay Name 1W-FYR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L924803	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)		Resistance 400	Contacts 6FB
Shelf Name RACK 1E	Relay Name 1EA-HGPR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. 2580202	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)		Resistance 400	Contacts 6FB
Shelf Name RACK 1E	Relay Name 1W-HR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L793438	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)		Resistance 400	Contacts 6FB
Shelf Name RACK 1E	Relay Name 1W-PCR	Tested 0	Condition N		
Relay PN-150BSR (N322503-701 / 4A3)	Serial No. L811661	Type (Drawing/Catalog No.) PN-150BSR (N322503-701 / 4A3)		Resistance 100	Contacts 6F-6B
Shelf Name RACK 1E	Relay Name 2W-NWPR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L796961	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)		Resistance 400	Contacts 6FB
Shelf Name RACK 1E	Relay Name 1-EOR	Tested 0	Condition N		
Relay PN-150F (N322530-701)	Serial No. B1395302	Type (Drawing/Catalog No.) PN-150F (N322530-701)		Resistance 60	Contacts 6FB
Shelf Name RACK 1D	Relay Name 1EA-HGR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L803286	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)		Resistance 400	Contacts 6FB
Shelf Name RACK 1D	Relay Name 1EA-LOR	Tested 0	Condition N		
Relay PN-150BL (322510-003)	Serial No. L827406	Type (Drawing/Catalog No.) PN-150BL (322510-003)		Resistance 175	Contacts 3FB
Shelf Name RACK 1D	Relay Name 1EB-HGPR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L793523	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)		Resistance 400	Contacts 6FB
Shelf Name RACK 1D	Relay Name 1EB-HGR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L793534	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)		Resistance 400	Contacts 6FB
Shelf Name RACK 1D	Relay Name 1EB-LOR	Tested 0	Condition N		
Relay PN-150BL (322510-903)	Serial No. L940894	Type (Drawing/Catalog No.) PN-150BL (322510-903)		Resistance 175	Contacts 3FB

Shelf Name RACK 1D	Relay Name 2E-PCR	Tested 0	Condition N		
Relay PN-150BSR (N322503-701 / 4A3)	Serial No. L582170	Type (Drawing/Catalog No.) PN-150BSR (N322503-701 / 4A3)		Resistance 100	Contacts 6F-6B
Shelf Name RACK 1D	Relay Name 2-EOR	Tested 0	Condition N		
Relay PN-150F (N322530-701)	Serial No. B1395318	Type (Drawing/Catalog No.) PN-150F (N322530-701)		Resistance 60	Contacts 6FB
Shelf Name RACK 1C	Relay Name 1WA-HGR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L802365	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)		Resistance 400	Contacts 6FB
Shelf Name RACK 1C	Relay Name 1WA-LOR	Tested 0	Condition N		
Relay PN-150BL (322510-003)	Serial No. L809029	Type (Drawing/Catalog No.) PN-150BL (322510-003)		Resistance 175	Contacts 3FB
Shelf Name RACK 1C	Relay Name 1W-HGPR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. 2580256	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)		Resistance 400	Contacts 6FB
Shelf Name RACK 1C	Relay Name 1WB-HGR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L840587	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)		Resistance 400	Contacts 6FB
Shelf Name RACK 1C	Relay Name 1WB-LOR	Tested 0	Condition N		
Relay PN-150BL (322510-003)	Serial No. L808928	Type (Drawing/Catalog No.) PN-150BL (322510-003)		Resistance 175	Contacts 3FB
Shelf Name RACK 1C	Relay Name 2W-LOR	Tested 0	Condition N		
Relay PN-150BL (322510-003)	Serial No. L826673	Type (Drawing/Catalog No.) PN-150BL (322510-003)		Resistance 175	Contacts 3FB
Shelf Name RACK 1C	Relay Name 2EA-LOR	Tested 0	Condition N		
Relay PN-150BL (322510-003)	Serial No. L808927	Type (Drawing/Catalog No.) PN-150BL (322510-003)		Resistance 175	Contacts 3FB
Shelf Name RACK 1C	Relay Name 2E-DR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. 2580255	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)		Resistance 400	Contacts 6FB
Shelf Name RACK 1C	Relay Name 2W-SR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L804655	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)		Resistance 400	Contacts 6FB
Shelf Name RACK 1C	Relay Name 2E-SR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L803217	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)		Resistance 400	Contacts 6FB

Shelf Name RACK 1B	Relay Name 2E-TR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L751635	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)		Resistance 400	Contacts 6FB
Shelf Name RACK 1B	Relay Name 2W-TR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L957397	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)		Resistance 400	Contacts 6FB
Shelf Name RACK 1B	Relay Name 2E-HR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L793467	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)		Resistance 400	Contacts 6FB
Shelf Name RACK 1B	Relay Name 2E-HPR	Tested 0	Condition N		
Relay PN-150BSR (N322503-701 / 4A3)	Serial No. L812811	Type (Drawing/Catalog No.) PN-150BSR (N322503-701 / 4A3)		Resistance 100	Contacts 6F-6B
Shelf Name RACK 1B	Relay Name 2E-FYR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L802385	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)		Resistance 400	Contacts 6FB
Shelf Name RACK 1B	Relay Name 2W-HR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L824700	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)		Resistance 400	Contacts 6FB
Shelf Name RACK 1B	Relay Name 2W-HPR	Tested 0	Condition N		
Relay PN-150BSR (N322503-701 / 4A3)	Serial No. L811723	Type (Drawing/Catalog No.) PN-150BSR (N322503-701 / 4A3)		Resistance 100	Contacts 6F-6B
Shelf Name RACK 1B	Relay Name 2W-FYR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L793238	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)		Resistance 400	Contacts 6FB
Shelf Name RACK 1B	Relay Name 2W-DR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L793531	Type (Drawing/Catalog No.) PN-150B (N322500-701 / 4A1)		Resistance 400	Contacts 6FB
Shelf Name RACK 1B	Relay Name 2W-PCR	Tested 0	Condition N		
Relay PN-150BSR (N322503-701 / 4A3)	Serial No. L811696	Type (Drawing/Catalog No.) PN-150BSR (N322503-701 / 4A3)		Resistance 100	Contacts 6F-6B



Inspection Report Highway Grade Crossing

Division: POWDER RIVER	Asset ID: 064881R
Subdivision: BUTTE	Test Date: 06/14/2016
Milepost: 4 475.23 - 475.23	State: SD
Location: (SD 471)	
County: FALL RIVER	
Employee's Name: Samuel Whitney	PARS Number: SMTR0494
Equipment Present: Flashers/Bell/Gates	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
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- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests

Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	C
Gate Arms & Mechanism (FRA 234.255 a & b)	C
Warning System Operation (FRA 234.257 a & b)	C
Crossbuck & Signs (TP-234)	C
M/S./C.W.T. Equip (TP-234)	C
Fuses/Arrestors (TP-234)	NT

Grounds (FRA 234.249 & FRA 234.251)		
Bus Nomenclature	Grounds Condition	Stand By Power Condition
MB	C	NT
XB	C	NT

Traffic Pre-emption (FRA 234.261)	
Device Nomenclature	Condition
	N



Inspection Report Highway Grade Crossing

Division: POWDER RIVER

Asset ID: 064881R

Subdivision: BUTTE

Test Date: 06/16/2016

Milepost: 4 475.23 - 475.23

State: SD

Location: (SD 471)

County: FALL RIVER

Employee's Name: Samuel Whitney

PARS Number: SMTR0494

Equipment Present: Flashers/Bell/Gates

Conditions Master Key

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Monthly Tests

Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	C
Gate Arms & Mechanism (FRA 234.255 a & b)	A Comments: Installed new wind guards on sig #1 and #2. Adjusted motor up contact on sig #1. Tested ok.
Warning System Operation (FRA 234.257 a & b)	C
Crossbuck & Signs (TP-234)	C
M/S./C.W.T. Equip (TP-234)	C
Fuses/Arrestors (TP-234)	C

Grounds (FRA 234.249 & FRA 234.251)

Bus Nomenclature	Grounds Condition	Stand By Power Condition
MB	C	C
XB	C	C

Traffic Pre-emption (FRA 234.261)

Device Nomenclature	Condition
	N



Inspection Report Highway Grade Crossing

Division: POWDER RIVER

Asset ID: 064881R

Subdivision: BUTTE

Test Date: 07/06/2016

Milepost: 4 475.23 - 475.23

State: SD

Location: (SD 471)

County: FALL RIVER

Employee's Name: Samuel Whitney

PARS Number: SMTR0494

Equipment Present: Flashers/Bell/Gates

Conditions Master Key

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- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests

Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	C
Gate Arms & Mechanism (FRA 234.255 a & b)	C
Warning System Operation (FRA 234.257 a & b)	C
Crossbuck & Signs (TP-234)	C
M/S./C.W.T. Equip (TP-234)	C
Fuses/Arrestors (TP-234)	C

Grounds (FRA 234.249 & FRA 234.251)		
Bus Nomenclature	Grounds Condition	Stand By Power Condition
MB	C	C
XB	C	C

Traffic Pre-emption (FRA 234.261)	
Device Nomenclature	Condition
	N

Quarterly Tests

Test Description & Rule	Test Result
Insulated Joints, Bonds & Track Connections (FRA 234.271)	C
Stick Release Circuits (TP-234)	N
Recorders (TP-234)	C

Cutout Circuits Tests (FRA 234.269)	
Circuit Nomenclature	Condition
	N



Inspection Report Highway Grade Crossing

Division: POWDER RIVER

Asset ID: 064881R

Subdivision: BUTTE

Test Date: 08/01/2016

Milepost: 4 475.23 - 475.23

State: SD

Location: (SD 471)

County: FALL RIVER

Employee's Name: Samuel Whitney

PARS Number: SMTR0494

Equipment Present: Flashers/Bell/Gates

Conditions Master Key

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- P = Pass
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Monthly Tests

Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	C
Gate Arms & Mechanism (FRA 234.255 a & b)	R Comments: Replaced damaged gate light on Sig#1. Tested ok. Base was cracked, light was still working.
Warning System Operation (FRA 234.257 a & b)	C
Crossbuck & Signs (TP-234)	C
M/S./C.W.T. Equip (TP-234)	C
Fuses/Arrestors (TP-234)	C

Grounds (FRA 234.249 & FRA 234.251)

Bus Nomenclature	Grounds Condition	Stand By Power Condition
MB	C	C
XB	C	C

Traffic Pre-emption (FRA 234.261)

Device Nomenclature	Condition
	N



Inspection Report Highway Grade Crossing

Division: POWDER RIVER	Asset ID: 064881R
Subdivision: BUTTE	Test Date: 08/08/2016
Milepost: 4 475.23 - 475.23	State: SD
Location: (SD 471)	
County: FALL RIVER	
Employee's Name: Samuel Whitney	PARS Number: SMTR0494
Equipment Present: Flashers/Bell/Gates	

Conditions Master Key

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- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests

Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	C
Gate Arms & Mechanism (FRA 234.255 a & b)	C
Warning System Operation (FRA 234.257 a & b)	C
Crossbuck & Signs (TP-234)	C
M/S./C.W.T. Equip (TP-234)	C
Fuses/Arrestors (TP-234)	NT

Grounds (FRA 234.249 & FRA 234.251)		
Bus Nomenclature	Grounds Condition	Stand By Power Condition
MB	C	NT
XB	C	NT

Traffic Pre-emption (FRA 234.261)	
Device Nomenclature	Condition
	N



Inspection Report Highway Grade Crossing

Division: POWDER RIVER

Asset ID: 064881R

Subdivision: BUTTE

Test Date: 08/09/2016

Milepost: 4 475.23 - 475.23

State: SD

Location: (SD 471)

County: FALL RIVER

Employee's Name: Samuel Whitney

PARS Number: SMTR0494

Equipment Present: Flashers/Bell/Gates

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
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- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests

Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	C
Gate Arms & Mechanism (FRA 234.255 a & b)	C
Warning System Operation (FRA 234.257 a & b)	C
Crossbuck & Signs (TP-234)	C
M/S./C.W.T. Equip (TP-234)	C
Fuses/Arrestors (TP-234)	NT

Grounds (FRA 234.249 & FRA 234.251)

Bus Nomenclature	Grounds Condition	Stand By Power Condition
MB	C	NT
XB	C	NT

Traffic Pre-emption (FRA 234.261)

Device Nomenclature	Condition
	N



Inspection Report Highway Grade Crossing

Division: POWDER RIVER

Asset ID: 064881R

Subdivision: BUTTE

Test Date: 08/10/2016

Milepost: 4 475.23 - 475.23

State: SD

Location: (SD 471)

County: FALL RIVER

Employee's Name: Samuel Whitney

PARS Number: SMTR0494

Equipment Present: Flashers/Bell/Gates

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
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- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests

Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	C
Gate Arms & Mechanism (FRA 234.255 a & b)	C
Warning System Operation (FRA 234.257 a & b)	C
Crossbuck & Signs (TP-234)	C
M/S./C.W.T. Equip (TP-234)	C
Fuses/Arrestors (TP-234)	NT

Grounds (FRA 234.249 & FRA 234.251)		
Bus Nomenclature	Grounds Condition	Stand By Power Condition
MB	C	NT
XB	C	NT

Traffic Pre-emption (FRA 234.261)	
Device Nomenclature	Condition
	N



Inspection Report Highway Grade Crossing

Division: POWDER RIVER

Asset ID: 064881R

Subdivision: BUTTE

Test Date: 08/13/2016

Milepost: 4 475.23 - 475.23

State: SD

Location: (SD 471)

County: FALL RIVER

Employee's Name: Samuel Whitney

PARS Number: SMTR0494

Equipment Present: Flashers/Bell/Gates

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
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- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests

Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	C
Gate Arms & Mechanism (FRA 234.255 a & b)	C
Warning System Operation (FRA 234.257 a & b)	C
Crossbuck & Signs (TP-234)	C
M/S./C.W.T. Equip (TP-234)	C
Fuses/Arrestors (TP-234)	NT

Grounds (FRA 234.249 & FRA 234.251)		
Bus Nomenclature	Grounds Condition	Stand By Power Condition
MB	C	NT
XB	C	NT

Traffic Pre-emption (FRA 234.261)	
Device Nomenclature	Condition
	N



Inspection Report Highway Grade Crossing

Division: POWDER RIVER	Asset ID: 064881R
Subdivision: BUTTE	Test Date: 08/14/2016
Milepost: 4 475.23 - 475.23	State: SD
Location: (SD 471)	
County: FALL RIVER	
Employee's Name: Samuel Whitney	PARS Number: SMTR0494
Equipment Present: Flashers/Bell/Gates	

Conditions Master Key

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- NT = The equipment was not tested in this inspection.
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- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests

Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	C
Gate Arms & Mechanism (FRA 234.255 a & b)	C
Warning System Operation (FRA 234.257 a & b)	C
Crossbuck & Signs (TP-234)	C
M/S./C.W.T. Equip (TP-234)	C
Fuses/Arrestors (TP-234)	NT

Grounds (FRA 234.249 & FRA 234.251)		
Bus Nomenclature	Grounds Condition	Stand By Power Condition
MB	C	NT
XB	C	NT

Traffic Pre-emption (FRA 234.261)	
Device Nomenclature	Condition
	N



Inspection Report Highway Grade Crossing

Division: POWDER RIVER	Asset ID: 064881R
Subdivision: BUTTE	Test Date: 08/30/2016
Milepost: 4 475.23 - 475.23	State: SD
Location: (SD 471)	
County: FALL RIVER	
Employee's Name: Samuel Whitney	PARS Number: SMTR0494
Equipment Present: Flashers/Bell/Gates	

Conditions Master Key

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- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests

Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	C
Gate Arms & Mechanism (FRA 234.255 a & b)	C
Warning System Operation (FRA 234.257 a & b)	C
Crossbuck & Signs (TP-234)	C
M/S./C.W.T. Equip (TP-234)	C
Fuses/Arrestors (TP-234)	C

Grounds (FRA 234.249 & FRA 234.251)		
Bus Nomenclature	Grounds Condition	Stand By Power Condition
MB	C	C
XB	C	C

Traffic Pre-emption (FRA 234.261)	
Device Nomenclature	Condition
	N

Quarterly Tests

Test Description & Rule	Test Result
Insulated Joints, Bonds & Track Connections (FRA 234.271)	C
Stick Release Circuits (TP-234)	N
Recorders (TP-234)	C

Cutout Circuits Tests (FRA 234.269)	
Circuit Nomenclature	Condition
	N

Annual Tests

Test Descriptions & Rule	Condition
Lamp Voltages (FRA 234.253)	C
Light Alignment (FRA 234.253)	C
Hold Clear Device (FRA 234.255 c)	C
0.06 Ohm Shunts/Island/Standby (TP-234)	C
POK Lamp (TP-234) Lamp Type: LED	C
Torque / Power Down (TP-234)	C

Warning Time Test Results (FRA 234.259)

Track #	Direction	Status	Control Type	Test Result	UAX/DAX	Prescribed	Method	Warning Time	Non-Compliant Value	Date	Equip. Model
#1 Main	E	Active	Predictor	C		21 sec	Calculated	21 sec		08/30/2016	hxp3
Route: #1 Main											
#1 Main	E	Standby	Predictor	C		21 sec	Calculated	21 sec		08/30/2016	hxp3
Route: #1 Main											
#1 Main	W	Active	Predictor	C		21 sec	Calculated	21 sec		08/30/2016	hxp3
Route: #1 Main											
#1 Main	W	Standby	Predictor	C		21 sec	Calculated	21 sec		08/30/2016	hxp3
Route: #1 Main											
#2 Main	E	Active	Predictor	C		21 sec	Calculated	21 sec		08/30/2016	hxp3
Route: #2 Main											
#2 Main	E	Standby	Predictor	C		21 sec	Calculated	21 sec		08/30/2016	hxp3
Route: #2 Main											
#2 Main	W	Active	Predictor	C		21 sec	Calculated	21 sec		08/30/2016	hxp3
Route: #2 Main											
#2 Main	W	Standby	Predictor	C		21 sec	Calculated	21 sec		08/30/2016	hxp3
Route: #2 Main											
Spur	E	Active	Predictor	C		21 sec	Calculated	21 sec		08/30/2016	hxp3
Route: Spur											
Spur	E	Standby	Predictor	C		21 sec	Calculated	21 sec		08/30/2016	hxp3
Route: Spur											

Flasher Test Results (FRA 234.253)

Flasher	Flashes Per Minute	Condition	Non-compliant Value
EOR	60	C	

Timing Relay & Devices Test Results (FRA 234.265)

Timer	Design Time	Measured Time	Condition
No Data Entered or Test Not Applicable			



Inspection Report Highway Grade Crossing

Division: POWDER RIVER	Asset ID: 064881R
Subdivision: BUTTE	Test Date: 09/26/2016
Milepost: 4 475.23 - 475.23	State: SD
Location: (SD 471)	
County: FALL RIVER	
Employee's Name: Samuel Whitney	PARS Number: SMTR0494
Equipment Present: Flashers/Bell/Gates	

Conditions Master Key

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- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests

Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	C
Gate Arms & Mechanism (FRA 234.255 a & b)	C
Warning System Operation (FRA 234.257 a & b)	C
Crossbuck & Signs (TP-234)	C
M/S./C.W.T. Equip (TP-234)	C
Fuses/Arrestors (TP-234)	C

Grounds (FRA 234.249 & FRA 234.251)		
Bus Nomenclature	Grounds Condition	Stand By Power Condition
MB	C	C
XB	C	C

Traffic Pre-emption (FRA 234.261)	
Device Nomenclature	Condition
	N



Inspection Report Highway Grade Crossing

Division: POWDER RIVER

Asset ID: 064881R

Subdivision: BUTTE

Test Date: 10/08/2016

Milepost: 4 475.23 - 475.23

State: SD

Location: (SD 471)

County: FALL RIVER

Employee's Name: Samuel Whitney

PARS Number: SMTR0494

Equipment Present: Flashers/Bell/Gates

Conditions Master Key

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- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests

Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	C
Gate Arms & Mechanism (FRA 234.255 a & b)	C
Warning System Operation (FRA 234.257 a & b)	C
Crossbuck & Signs (TP-234)	C
M/S./C.W.T. Equip (TP-234)	A Comments: MOW installed new island panel Mt1. Adjusted and tested ok.
Fuses/Arrestors (TP-234)	NT

Grounds (FRA 234.249 & FRA 234.251)

Bus Nomenclature	Grounds Condition	Stand By Power Condition
MB	C	NT
XB	C	NT

Traffic Pre-emption (FRA 234.261)

Device Nomenclature	Condition
	N



Inspection Report Highway Grade Crossing

Division: POWDER RIVER	Asset ID: 064881R
Subdivision: BUTTE	Test Date: 10/10/2016
Milepost: 4 475.23 - 475.23	State: SD
Location: (SD 471)	
County: FALL RIVER	
Employee's Name: Samuel Whitney	PARS Number: SMTR0494
Equipment Present: Flashers/Bell/Gates	

Conditions Master Key

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- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests

Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	C
Gate Arms & Mechanism (FRA 234.255 a & b)	C
Warning System Operation (FRA 234.257 a & b)	C
Crossbuck & Signs (TP-234)	C
M/S./C.W.T. Equip (TP-234)	A Comments: MOW installed new island panel mt2. Adjusted and tested ok.
Fuses/Arrestors (TP-234)	NT

Grounds (FRA 234.249 & FRA 234.251)		
Bus Nomenclature	Grounds Condition	Stand By Power Condition
MB	C	NT
XB	C	NT

Traffic Pre-emption (FRA 234.261)	
Device Nomenclature	Condition
	N



Inspection Report Highway Grade Crossing

Division: POWDER RIVER	Asset ID: 064881R
Subdivision: BUTTE	Test Date: 10/21/2016
Milepost: 4 475.23 - 475.23	State: SD
Location: (SD 471)	
County: FALL RIVER	
Employee's Name: Samuel Whitney	PARS Number: SMTR0494
Equipment Present: Flashers/Bell/Gates	

Conditions Master Key

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Monthly Tests

Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	C
Gate Arms & Mechanism (FRA 234.255 a & b)	C
Warning System Operation (FRA 234.257 a & b)	C
Crossbuck & Signs (TP-234)	C
M/S./C.W.T. Equip (TP-234)	C
Fuses/Arrestors (TP-234)	C

Grounds (FRA 234.249 & FRA 234.251)		
Bus Nomenclature	Grounds Condition	Stand By Power Condition
MB	C	C
XB	C	C

Traffic Pre-emption (FRA 234.261)	
Device Nomenclature	Condition
	N



Inspection Report Highway Grade Crossing

Division: POWDER RIVER

Asset ID: 064881R

Subdivision: BUTTE

Test Date: 11/16/2016

Milepost: 4 475.23 - 475.23

State: SD

Location: (SD 471)

County: FALL RIVER

Employee's Name: Samuel Whitney

PARS Number: SMTR0494

Equipment Present: Flashers/Bell/Gates

Conditions Master Key

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- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests

Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	C
Gate Arms & Mechanism (FRA 234.255 a & b)	C
Warning System Operation (FRA 234.257 a & b)	C
Crossbuck & Signs (TP-234)	C
M/S./C.W.T. Equip (TP-234)	C
Fuses/Arrestors (TP-234)	C

Grounds (FRA 234.249 & FRA 234.251)		
Bus Nomenclature	Grounds Condition	Stand By Power Condition
MB	C	C
XB	C	C

Traffic Pre-emption (FRA 234.261)	
Device Nomenclature	Condition
	N

Quarterly Tests

Test Description & Rule	Test Result
Insulated Joints, Bonds & Track Connections (FRA 234.271)	C
Stick Release Circuits (TP-234)	N
Recorders (TP-234)	C

Cutout Circuits Tests (FRA 234.269)	
Circuit Nomenclature	Condition
	N



Inspection Report Highway Grade Crossing

Division: POWDER RIVER

Asset ID: 064881R

Subdivision: BUTTE

Test Date: 11/17/2016

Milepost: 4 475.23 - 475.23

State: SD

Location: (SD 471)

County: FALL RIVER

Employee's Name: Samuel Whitney

PARS Number: SMTR0494

Equipment Present: Flashers/Bell/Gates

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
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- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests

Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	C
Gate Arms & Mechanism (FRA 234.255 a & b)	C
Warning System Operation (FRA 234.257 a & b)	C
Crossbuck & Signs (TP-234)	C
M/S./C.W.T. Equip (TP-234)	C
Fuses/Arrestors (TP-234)	NT

Grounds (FRA 234.249 & FRA 234.251)		
Bus Nomenclature	Grounds Condition	Stand By Power Condition
MB	C	NT
XB	C	NT

Traffic Pre-emption (FRA 234.261)	
Device Nomenclature	Condition
	N



Inspection Report Highway Grade Crossing

Division: POWDER RIVER

Subdivision: BUTTE

Milepost: 4 475.23 - 475.23

Location: (SD 471)

County: FALL RIVER

Employee's Name: Samuel Whitney

Equipment Present: Flashers/Bell/Gates

Asset ID: 064881R

Test Date: 11/28/2016

State: SD

PARS Number: SMTR0494

Conditions Master Key

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- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests

Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	C
Gate Arms & Mechanism (FRA 234.255 a & b)	A Comments: Gate binding on wind guard due to high winds. Adjusted and working as intended.
Warning System Operation (FRA 234.257 a & b)	C
Crossbuck & Signs (TP-234)	C
M/S./C.W.T. Equip (TP-234)	NT
Fuses/Arrestors (TP-234)	NT

Grounds (FRA 234.249 & FRA 234.251)

Bus Nomenclature	Grounds Condition	Stand By Power Condition
MB	C	NT
XB	C	NT

Traffic Pre-emption (FRA 234.261)

Device Nomenclature	Condition
	N



Inspection Report Highway Grade Crossing

Division: POWDER RIVER	Asset ID: 064881R
Subdivision: BUTTE	Test Date: 12/12/2016
Milepost: 4 475.23 - 475.23	State: SD
Location: (SD 471)	
County: FALL RIVER	
Employee's Name: Samuel Whitney	PARS Number: SMTR0494
Equipment Present: Flashers/Bell/Gates	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
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- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Monthly Tests

Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	C
Gate Arms & Mechanism (FRA 234.255 a & b)	C
Warning System Operation (FRA 234.257 a & b)	C
Crossbuck & Signs (TP-234)	C
M/S./C.W.T. Equip (TP-234)	C
Fuses/Arrestors (TP-234)	C

Grounds (FRA 234.249 & FRA 234.251)		
Bus Nomenclature	Grounds Condition	Stand By Power Condition
MB	C	C
XB	C	C

Traffic Pre-emption (FRA 234.261)	
Device Nomenclature	Condition
	N



Inspection Report Highway Grade Crossing

Division: POWDER RIVER	Asset ID: 064881R
Subdivision: BUTTE	Test Date: 01/05/2017
Milepost: 4 475.23 - 475.23	State: SD
Location: (SD 471)	
County: FALL RIVER	
Employee's Name: Samuel Whitney	PARS Number: SMTR0494
Equipment Present: Flashers/Bell/Gates	

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
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- P = Pass
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Monthly Tests

Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	C
Gate Arms & Mechanism (FRA 234.255 a & b)	C
Warning System Operation (FRA 234.257 a & b)	C
Crossbuck & Signs (TP-234)	C
M/S./C.W.T. Equip (TP-234)	C
Fuses/Arrestors (TP-234)	C

Grounds (FRA 234.249 & FRA 234.251)		
Bus Nomenclature	Grounds Condition	Stand By Power Condition
MB	C	C
XB	C	C

Traffic Pre-emption (FRA 234.261)	
Device Nomenclature	Condition
	N