

BNSF Railway**BNSF Inspection Report - Grounds Tests & Inspections**

Inspection #: 001008911744 ~ Form Type: GROUNDS ~ 90 DAYS *** Out Of Schedule ***

Division: MT	Asset ID: BACLTTD
Subdivision: HI LINE	Test Date: 2021-09-28
Line Segment / Milepost: 0036 ~ 1014.70 - 1014.70	State: MT
Location / Highway Name: BUELOW_EAST	
County: LIBERTY	
Employee's Name: B002126 - DUSTIN WEGNER	Gang ID: SMTR0472

Conditions Master Key

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

Adjusted/Tested OK = Adjustments made (identified in associated comments), test completed, and condition left in compliance.

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

Operations Without Measurements

Test Description & Rule	Condition Left	Tested By
BATTERY CARD (TEST + TO -)	NOT TESTED	
BATTERY CROSS TEST (TP-107A)	NOT TESTED	
CHECK WATER (SI-10.1)	TESTED OK	B002126
GENERAL INSPECTION OF BATTERY BANKS (SI-10.1).	TESTED OK	B002126
IF APPLICABLE VERIFY ALL CMS SOFTWARE CRITICAL ATTRIBUTES ARE CORRECT (TP-18)..	NOT TESTED	
RECORDER (SI-6.4)	NOT TESTED	
VERIFY ASSET ID'S FOR ALL CHASSIS MATCH THE VALUES IN THE ELECTRONIC REPORTING SYSTEM (SI-1.25)..	NOT TESTED	
VERIFY LOCATION HAS APPROPRIATE, CORRECT, AND LEGIBLE CIRCUIT PLANS (S.I. 1.10)..	CURRENT AND LEGIBLE	B002126
VERIFY RECORDER BATTERY (SI-6.4)	NOT TESTED	
VISUAL LIGHTNING ARRESTORS & EQUALIZERS (SI14.1).	TESTED OK	B002126

Operations With Measurements

GROUND (FRA-236.107)						
Measurement Type	Device Type	Measure Date	Condition/Test Result	Measured Value (mm:ss)	Unit of Measure	Tested By
GROUND	B12	09/28/21	Tested OK			B002126
GROUND	B28	09/28/21	Tested OK			B002126

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BNSF Inspection Report - Defect Detector Tests & Inspections

Inspection #: 001008931952 ~ Form Type: DETECTOR ~ 90 DAYS *** Out Of Schedule ***

Division: MT	Asset ID: BACLTTD
Subdivision: HI LINE	Test Date: 2021-09-28
Line Segment / Milepost: 0036 ~ 1014.70 - 1014.70	State: MT
Location / Highway Name: BUELOW_EAST	
County: LIBERTY	
Employee's Name: B002126 - DUSTIN WEGNER	Gang ID: SETX0123

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Operations Without Measurements

Test Description & Rule	Condition Left	Tested By
INSPECT DRAGGING EQUIPMENT DETECTOR	TESTED OK	B002126
TEST OPER OF DRAGGING EQUIPMENT DETECTOR	TESTED OK	B002126
VERIFY ALARM READOUT	TESTED OK	B002126
VERIFY TIME, DATE AND SETUP	TESTED OK	B002126
VERIFY VERSION OF SOFTWARE	TESTED OK	B002126

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BNSF Inspection Report - Relay Tests & Inspections

Inspection #: 001008906500 ~ Form Type: RELAY ~ 4 Year *** Out Of Schedule ***

Division: MT	Asset ID: BACLTTD
Subdivision: HI LINE	Test Date: 2021-09-27
Line Segment / Milepost: 0036 ~ 1014.70 - 1014.70	State: MT
Location / Highway Name: BUELOW_EAST	
County: LIBERTY	
Employee's Name: B745024 - TODD RIGGS	Gang ID: SINS0404

Conditions Master Key

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Operations With Measurements

<u>RELAY - 4YR (FRA-236.106)</u>						
Shelf Name: 1BF		Relay Name: 1ATR		Serial Number: 1024903		
Relay Type: ST (400510 / 400510)		Resistance (ohms): 2		Contacts: 4FB-2F-1B		
Measurement Type	Measure Value	UOM	Condition/Test Result	Measure Date	Tested By	
NEUTRAL DROPAWAY	0.0803	A	Tested OK	09/27/21	B745024	
NEUTRAL PICKUP	0.1461	A	Tested OK	09/27/21	B745024	
NEUTRAL WORKING	0.1461	A	Tested OK	09/27/21	B745024	
Shelf Name: 1BF		Relay Name: 1NWR		Serial Number: 1101194		
Relay Type: ST (400520 / 400520)		Resistance (ohms): 500		Contacts: 2F-2B EHD		
Measurement Type	Measure Value	UOM	Condition/Test Result	Measure Date	Tested By	
NEUTRAL DROPAWAY	0.0094	A	Tested OK	09/27/21	B745024	
NEUTRAL PICKUP	0.0184	A	Tested OK	09/27/21	B745024	
NEUTRAL WORKING	0.0184	A	Tested OK	09/27/21	B745024	
Shelf Name: 1BF		Relay Name: 1RWR		Serial Number: 1101193		
Relay Type: ST (400520 / 400520)		Resistance (ohms): 500		Contacts: 2F-2B EHD		
Measurement Type	Measure Value	UOM	Condition/Test Result	Measure Date	Tested By	
NEUTRAL DROPAWAY	0.0094	A	Tested OK	09/27/21	B745024	
NEUTRAL PICKUP	0.0180	A	Tested OK	09/27/21	B745024	
NEUTRAL WORKING	0.0180	A	Tested OK	09/27/21	B745024	
Shelf Name: 1BF		Relay Name: 1TR		Serial Number: 1100465		
Relay Type: ST (400510 / 400510)		Resistance (ohms): 2		Contacts: 4FB-2F-1B		
Measurement Type	Measure Value	UOM	Condition/Test Result	Measure Date	Tested By	
NEUTRAL DROPAWAY	0.0733	A	Tested OK	09/27/21	B745024	
NEUTRAL PICKUP	0.1376	A	Tested OK	09/27/21	B745024	
NEUTRAL WORKING	0.1376	A	Tested OK	09/27/21	B745024	
Shelf Name: 1BF		Relay Name: 3VSTOP		Serial Number: 1100683		
Relay Type: ST (400020 / 400020)		Resistance (ohms): 500		Contacts: 4FB-2F-1B		
Measurement Type	Measure Value	UOM	Condition/Test Result	Measure Date	Tested By	
NEUTRAL DROPAWAY	0.0053	A	Tested OK	09/27/21	B745024	
NEUTRAL PICKUP	0.0109	A	Tested OK	09/27/21	B745024	
NEUTRAL WORKING	0.0109	A	Tested OK	09/27/21	B745024	
Shelf Name: 1BF		Relay Name: 4VSTOP		Serial Number: 1100693		
Relay Type: ST (400020 / 400020)		Resistance (ohms): 500		Contacts: 4FB-2F-1B		
Measurement Type	Measure Value	UOM	Condition/Test Result	Measure Date	Tested By	
NEUTRAL DROPAWAY	0.0060	A	Tested OK	09/27/21	B745024	
NEUTRAL PICKUP	0.0116	A	Tested OK	09/27/21	B745024	
NEUTRAL WORKING	0.0116	A	Tested OK	09/27/21	B745024	

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BNSF Inspection Report - Insulation Tests & Inspections

Inspection #: 001008926123 ~ Form Type: INSULATION ~ 10 Year

Division: MT	Asset ID: BACLTTD
Subdivision: HI LINE	Test Date: 2021-09-27
Line Segment / Milepost: 0036 ~ 1014.70 - 1014.70	State: MT
Location / Highway Name: BUELOW_EAST	
County: LIBERTY	
Employee's Name: B745024 - TODD RIGGS	Gang ID: SINS0404

Conditions Master Key

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Operations With Measurements

<u>INSULATION (FRA-236.108)</u>						
Measurement Type	Device Type	Measure Date	Condition/Test Result	Measured Value (mm:ss)	Unit of Measure	Tested By
RESISTANCE	T-10-16-JBX-SWT	09/27/21	Tested OK			B745024
RESISTANCE	T-4-10-JBX-SWT	09/27/21	Tested OK			B745024
RESISTANCE	T-5-10-J. BOX-SIG. EAA	09/27/21	Tested OK			B745024
RESISTANCE	T-5-10-J. BOX-SIG. EAB	09/27/21	Tested OK			B745024
RESISTANCE	T-5-10-J. BOX-SIG. EBA	09/27/21	Tested OK			B745024
RESISTANCE	T-5-10-J. BOX-SIG. EBB	09/27/21	Tested OK			B745024
RESISTANCE	T-5-10-J. BOX-SIG. WA	09/27/21	Tested OK			B745024
RESISTANCE	T-5-10-J. BOX-SIG. WB	09/27/21	Tested OK			B745024
RESISTANCE	U-12-14-BUNGALOW-S WITCH	09/27/21	Tested OK			B745024
RESISTANCE	U-3-6-BUNGALOW-SWI TCH	09/27/21	Tested OK			B745024
RESISTANCE	U-5-6-BUNGALOW-SIG. EAA	09/27/21	Tested OK			B745024
RESISTANCE	U-5-6-BUNGALOW-SIG. EAB	09/27/21	Tested OK			B745024
RESISTANCE	U-5-6-BUNGALOW-SIG. EBA	09/27/21	Tested OK			B745024
RESISTANCE	U-5-6-BUNGALOW-SIG. EBB	09/27/21	Tested OK			B745024
RESISTANCE	U-5-6-BUNGALOW-SIG. WA	09/27/21	Tested OK			B745024
RESISTANCE	U-5-6-BUNGALOW-SIG. WB	09/27/21	Tested OK			B745024

BNSF Railway

BNSF Inspection Report - Locking Tests & Inspections

Inspection #: 001008942819 ~ Form Type: LOCKING ~ 2 YEAR *** Out Of Schedule ***

Division: MT	Asset ID: BACLTTD
Subdivision: HI LINE	Test Date: 2021-09-27
Line Segment / Milepost: 0036 ~ 1014.70 - 1014.70	State: MT
Location / Highway Name: BUELOW_EAST	
County: LIBERTY	
Employee's Name: B745024 - TODD RIGGS	Gang ID: SINS0404

Conditions Master Key

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Operations Without Measurements

Test Description & Rule	Condition Left	Tested By
DID YOU VERIFY CONFIGURATION SETTINGS CHECKSUM AND CRC ARE SET PER THE PRINT?...	YES	B745024
DID YOU VERIFY INPUT/OUTPUT CIRCUITS TO/FROM THE PROCESSOR UNIT?..	YES	B745024
DO THE CURRENT VALUES OF ALL THE BASELINE ITEMS MATCH THOSE RECORDED IN THE LAST BASELINE TEST?...	YES	B745024
WHAT TYPE OF TEST ARE YOU COMPLETING?	BASELINE	B745024

Operations With Measurements

Measurement Type	Measure Date	Condition/Test Result	Tested By
INDICATION FRA 236.380	09/27/21	Tested OK	B745024
Route Nomenclature: EA-1.N-W			
INDICATION FRA 236.380	09/27/21	Tested OK	B745024
Route Nomenclature: EB-1.R-W			
INDICATION FRA 236.380	09/27/21	Tested OK	B745024
Route Nomenclature: W-1.N-EA			
INDICATION FRA 236.380	09/27/21	Tested OK	B745024
Route Nomenclature: W-1.R-EB			
ROUTE FRA 236.379	09/27/21	Tested OK	B745024
Route Nomenclature: EA-1.N-W			
ROUTE FRA 236.379	09/27/21	Tested OK	B745024
Route Nomenclature: EB-1.R-W			
ROUTE FRA 236.379	09/27/21	Tested OK	B745024
Route Nomenclature: W-1.N-EA			
ROUTE FRA 236.379	09/27/21	Tested OK	B745024
Route Nomenclature: W-1.R-EB			
TIME FRA 236.378	09/27/21	Tested OK	B745024
Route Nomenclature: EA-1.N-W			
TIME FRA 236.378	09/27/21	Tested OK	B745024
Route Nomenclature: EB-1.R-W			
TIME FRA 236.378	09/27/21	Tested OK	B745024
Route Nomenclature: W-1.N-EA			
TIME FRA 236.378	09/27/21	Tested OK	B745024
Route Nomenclature: W-1.R-EB			