

MM&A 368 DAY INSPECTION SHEET

PAGE 1 of 4

LOCATION: DERBY, Maine DATE: 6-10-10LOCOMOTIVE NO. 2000

No.	INSPECT-CHECK	INSPECTOR'S SIGNATURE
	PERFORM ALL 100 SERIES INSPECTIONS AND TESTS WITH LOCOMOTIVE OUTSIDE OF SHOP BUILDING	
100	PERFORM SELF TEST ON ALERTER-EVENT RECORDER. DOWN LOAD EVENT RECORDER. INSURE THAT ALL DATA PARAMETERS ARE BEING RECORDED, VERIFY PROPER TIME AND DATE ON RECORDER.	J. Martin
101	SELF LOAD UNIT OUTSIDE. RECORD KW, AMPS AND VOLTS	4.9V 2077HP 74 charging J. Martin
102	MANUALLY PULL EACH FUEL PUMP RACK SLIGHTLY AND LISTEN FOR A SHARP WRAP, WHICH INDICATES THAT THE NOZZLE AND CYLINDER ARE MOST LIKELY OPERATING PROPERLY.	DRM
103	CHECK "DID" ON THE BRIGHTSTAR SCREEN. IF FAULT IS DISPLAYED, RECORD ON DEFECT SHEET AND INVESTIGATE THE CAUSE. RUN LOCOMOTIVE SELF TEST IF NEEDED.	
104	LISTEN TO DIESEL ENGINE IN IDLE FOR ANY UNUSUAL SOUNDS. MAKE VISUAL INSPECTION WITH ALL DOORS OPEN. LOOK FOR WATER, LUBRICATION AND FUEL LEAKS AND MAKE CORRECTIONS AS NECESSARY.	DRM
105	CHECK ENGINE OIL LEVEL AT IDLE. ADD OIL TO FULL MARK AS NECESSARY. TAKE OIL SAMPLE AFTER RUNNING ENGINE FOR A MINIMUM OF FIVE (5) MINUTES.	DRM
106	CHECK AIR COMPRESSOR OIL LEVEL WITH ENGINE AT IDLE.	DRM
107	CHECK OIL LEVEL IN ALTERNATOR GEAR TRAIN. ADD DIESEL ENGINE OIL AS NEEDED.	J. Martin
108	CHECK OPERATION OF WINDOW WIPERS. REPLACE BLADES AS NECESSARY.	J. Martin
109	CHECK COOLING WATER LEVEL AND WATER TREATMENT CONCENTRATION. ADD TREATED OR CLEAN WATER AND COMPATIBLE WATER TREATMENT COMPOUND AS NEEDED.	See defects
110	CHECK OPERATION OF GROUND RELAY SYSTEM AND LOCK OUT PER GETS MI GEI-83418A.	J. Martin
111	CHECK EXHAUST MANIFOLD FOR LEAKS, CRACKS OR BROKEN WELDS. REPAIR AS NECESSARY.	DRM
112	CHECK OPERATION OF ENGINE AIR FILTER PRESSURE SWITCH PER GETS MI GEK-18104.	-N/A-
113	CHECK OPERATION OF EMERGENCY FUEL TRIPS AND THROTTLE STOPS	J. Martin

114	CHECK GOVERNOR OVER SPEED SYSTEM TO ENSURE PROPER OPERATION. CHECK GOVERNOR OIL LEVEL AT IDLE.	J. Martin DRH
115	TEST FLUID AMPLIFIER FOR LEAKAGE PER MI GE K-35899.	J. Martin
116	INSPECT AND TEST ALL ALARMS, AUTOMATIC CONTROLS AND PROTECTIVE DEVICES	J. Martin
117	RUN MANUAL SELF TEST USING DID PANEL.	<u>DRH</u>
118	CHECK AND VERIFY OPERATION OF SPEEDOMETER	DRH
119	ENSURE WATER GOES INTO RADIATOR AND TANK SIGHT GLASS IS LOWER AT APPROX 180 DEGREES ON WATER TANK TEMP GAGE. CHECK COOLING WATER AMPLIFIER FOR LEAKS DURING LOAD BOX TEST.	DRH
120	PERFORM OUTBOUND AIR BRAKE LEAKAGE TESTS AND VERIFY AUTOMATIC AND INDEPENDENT WORK CORRECTLY. APPLY AUTOMATIC BRAKE TO FULL SERVICE POSITION, CUT OUT AIR VALVE, AND VERIFY THAT BRAKE CYLINDERS STAY APPLIED FOR FIVE (5) MINUTES.	JW Black
121	APPLY INDEPENDENT BRAKES, MOVE REVERSER TO FORWARD, OPEN THROTTLE AND OBSERVE AMPERAGE ON AMPERAGE METER. RETURN THROTTLE TO IDLE, MOVE REVERSER TO REVERSE, OPEN THROTTLE AND OBSERVE AMPERAGE ON AMPERAGE METER. IF NO AMPERAGE APPEARS, IDENTIFY AND CORRECT PROBLEM.	DRH
122	CHECK OPERATION OF CAB HEATERS AND REFRIGERATOR. MAKE REPAIRS AS NECESSARY.	J. Martin
200	CHECK THAT ALL ACCESS PANEL HATCHES AND DOORS OF ELECTRICAL EQUIPMENT AND CABINETS ARE IN PLACE AND SECURED AND PROPERLY STENCILED WITH WARNING LABELS	J. Martin
201	CLEAN AND INSPECT CAB. MAKE SURE NO TOOLS OR DEBRIS IS ON THE FLOOR. CLEAN WINDOWS INSIDE AND OUT.	J Black / D Black
202	CHECK ALL CIRCUITS FOR GROUNDS, SHORT CIRCUITS AND DAMAGED INSULATION. CLEAN CONTROL EQUIPMENT COMPARTMENTS USING LOW VELOCITY DRY AIR OR A VACUUM CLEANER WITH A SOFT BRUSH	HV - ok LV - see defects J. Martin
203	INSPECT ELECTRICAL EQUIPMENT POWER CONTACTOR TIPS, ARC CHUTES AND INTERLOCK PLUNGER BOLTS. CHECK FOR BURNED WIRING AND LOOSE OVERHEATED ELECTRICAL	J. Martin

204	INSPECT MASTER CONTROLLER (17KCT20), CLEANING CONTACT BRUSH WEAR DUST OR DEBRIS FROM DYNAMIC BRAKE POTENTIOMETER (IF PAINTED GREY VERSION) WITH DRY COMPRESSED AIR.	J. Hanson
205	TEST ALL GAUGES FOR ACCURACY	D. Black
206	INSPECT LOW PRESSURE FUEL HOSE. REPLACE AS NECESSARY.	D. Black
207	INSPECT MAIN ALTERNATOR COMMUTATOR, SLIP RINGS AND BRUSHES. DRESS COMMUTATOR AS NECESSARY. REPLACE (IN SETS ONLY!) CHIPPED, CRACKED OR DAMAGED BRUSHES AND THOSE TOO SHORT TO LAST UNTIL NEXT INSPECTION (IF ALL THREE MARKED LINES ARE NOT VISIBLE, BRUSHES ARE TOO SHORT AND MUST BE REPLACED).	J. Hanson
208	INSPECT AUXILIARY ALTERNATOR AND EXCITER COMMUTATOR, SLIP RINGS AND BRUSHES. DRESS COMMUTATOR AS NECESSARY. REPLACE (IN SETS ONLY!) CHIPPED, CRACKED OR DAMAGED BRUSHES AND THOSE TOO SHORT TO LAST UNTIL NEXT INSPECTION. (IF ALL THREE MARKED LINES ARE NOT VISIBLE, BRUSHES ARE TOO SHORT AND MUST BE REPLACED).	J. Hanson
209	INSPECT DYNAMIC BRAKE BLOWER MOTORS AND FUEL BOOSTER PUMP MOTOR COMMUTATOR, SLIP RINGS AND BRUSHES. DRESS COMMUTATOR AS NECESSARY. REPLACE (IN SETS ONLY!) CHIPPED, CRACKED OR DAMAGED BRUSHES AND THOSE TOO SHORT TO LAST UNTIL NEXT INSPECTION. (IF ALL THREE MARKED LINES ARE NOT VISIBLE, BRUSHES ARE TOO SHORT AND MUST BE REPLACED).	J. Hanson
210	REMOVE CARBON BUILD UP FROM CRANKCASE BREATHING PIPE IN EXHAUST STACK (IF EQUIPPED).	D. Black
211	REPLACE FUEL FILTER ELEMENT.	D. Black
212	GREASE AND INSPECT GOVERNOR LINKAGE TO FUEL RACKS FOR PROPER OPERATION. APPLY TORQUE ADAPTER AND CHECK THAT TORQUE REQUIRED TO OPERATE LINKAGE DOES NOT EXCEED 25 FT.-LBS.	D. Black
213	CHANGE ALL LUBE OIL FILTERS, CLEAN LUBE OIL STRAINER AND TAKE LUBE OIL SAMPLE	O. Black
214	INSPECT ALL FLEXIBLE COUPLINGS. CHECK RUBBER BUSHINGS FOR DETERIORATION, REPLACE AS NECESSARY	D. Black
215	INSPECT EXHAUST MANIFOLD, HEAT SHIELDS, SILENCER AND EXHAUST STACK.	D. Black

216	CHECK OIL LEVEL OF RADIATOR FAN GEAR BOX	D. Black
217	REPLACE BAGGIE AIR FILTERS WITH NEW ELEMENTS	J. Anderson Cooley
218	CLEAN EXTERIOR OF AIR COMPRESSOR INTERCOOLER AND INSPECT FOR LEAKAGE. CHECK OPERATION OF UNLOADERS. DRAIN OIL, CLEAN SUMP SCREEN, ADD NEW OIL, (GE SPEC D6B11D3) AND CLEAN FILTER (if applicable). REPLACE INLET AIR FILTERS. REPLACE CMV SYSTEM IN-LINE FILTER	D. Hanson
219	FREEDOM OF OPERATION	J. Anderson
220	INSPECT AND CLEAN ENGINE COALESCER AIR FILTER CARTRIDGE WITH MINERAL SPIRITS	D. BLACK
221	CLEAN ENGINE ROOM WITH APPROVED CLEANING AGENT. MAKE SURE PLATFORM DRAINS ARE NOT PLUGGED	D. Black
222	INSPECT COOLING SYSTEM FOR OIL AND CORROSION. CLEAN AS NECESSARY (MI 09601) CHECK COOLING WATER LEVEL AND WATER TREATMENT CONCENTRATION. ADD TREATED OR CLEAN WATER AND COMPATIBLE WATER TREATMENT COMPOUND AS NEEDED. REPLACE OR RECONDITION AMOT THERMOSTAT	cooling water is BLACK IN color. possible exhaust in water HEAD GASKETS?
300	VISUALLY INSPECT ALL COMPONENTS OF THE CRANK CASE OF DIESEL ENGINE . PRESSURIZE THE COOLING SYSTEM AND BAR THE ENGINE OVER SLOWLY AND INSPECT THE INSIDE OF THE LINERS, BOTTOM OF PISTONS, ROD THRUST FACES ETC.	D. Black
301	TAKE AND RECORD CRANKSHAFT LATERAL MEASUREMENT	D. Black 2020
400	INSPECT ENTIRE LOCOMOTIVE FOR LOOSE BOLTS, NUTS AND PIPE JOINTS. TIGHTEN OR REPAIR AS APPROPRIATE.	Jw Black
401	CLEAN RADIATORS.	
402	INSURE THAT SAND BOXES ARE FULL.	OK
403	INSPECT ALL HAND RAILS AND RAILINGS TO INSURE THEY ARE STRAIGHT AND SECURE.	D. Black
404	INSPECT ALL LIGHT BULBS TO INSURE THEY ARE OPERATIONAL.	J. Hanson
405	CHECK COUPLER HEIGHT (950 MM MIN, 1080 MM MAX, 1050 MM NOMINAL) AND DRAFT GEAR ON BOTH ENDS FOR FREE SLACK (FREE SLACK SHALL NOT EXCEED 13 MM) AND RECORD- FRONT: <u>3/8</u> REAR: <u>3/8</u>	Cooley

406	WASH EXTERIOR OF BATTERY TRAYS. INSPECT BATTERIES FOR PROPER ELECTROLYTE LEVEL, FILLING AS NECESSARY, CHECK ALL ELECTRICAL CONNECTIONS, FLUSH AND GREASE TERMINALS AS NEEDED, CHECK AND RECORD SPECIFIC GRAVITY ON BACK OF THIS SHEET.	F - Good - 33.5V R - Good - 33.4V J. Martin
407	TEST / QUALIFY MU JUMPER CABLE WITH TESTER PERFORM INTERNAL TRACTION MOTOR	
500	INSPECTION. INSPECT ALL VISIBLE INSULATION AND CONNECTIONS ON TRACTION MOTOR LEADS AND CARBODY BOOTS. INSPECT ALL CABLES FOR INDICATIONS OF RUBBING AGAINST OTHER CABLES OR THE BOGIES- ELIMINATE ANY RUBBING. CHECK MOTOR FLEXIBLE AIR DUCTS FOR LEAKS. CHECK FOR LOOSE OR MISSING TRACTION MOTOR COMMUTATOR COVERS. CHECK COMMUTATOR FOR DISCOLORATION AND DAMAGE. CHECK FOR CHIPPED, BROKEN OR DAMAGED BRUSHES. REPLACE BRUSHES IN SETS IF TOO SHORT TO LAST TO NEXT INSPECTION. PERFORM TRACTION MOTOR LUBRICATION	J. Martin
501	INSPECTION. CHECK FOR HEAVY FILM OF LUBRICANT ON GEAR TEETH. IF LOW, FILL TO BOTTOM OF LOWER INSPECTION OPENING (GE SPECIFICATION D50E8C) REPLACE LEAKING OR DEFECTIVE FILLER CAPS. DRAIN OIL FROM TRACTION MOTOR SUPPORT BEARINGS. REMOVE WICK ASSEMBLY. REFILL WITH NEW OIL (GE SPEC D50E14) NOTE: CLEAN DIRT AND DEBRIS FROM WICK, WICK PLATE AND FILL OPENING AREAS PRIOR TO INSPECTION OR FILLING. CHECK FOR SIGNS OF EXCESS HEAT AROUND THE SUPPORT BEARING CAPS AND DIRT SHIELD.	Coiley Anderson
502	INSPECT WHEELS FOR CRACKS, SHELLLED TREADS OR FLAT SPOTS. CHECK FOR PROPER RIM THICKNESS AND MAKE CORRECTIONS AS NECESSARY. COMPLETE WHEEL INSPECTION REPORT.	Coiley Anderson
503	DRAIN WASTE OIL RETENTION TANK. INSPECT DRAIN TROUGHS ALONG THE WALKWAYS TO ENSURE DRAIN HOLES ARE NOT PLUGGED.	Coiley
504	CHECK OIL LEVEL IN JOURNAL BOXES (IF APPLICABLE)	Coiley

505	CHECK TRACTION MOTOR NOSE SUSPENSION FOR DAMAGE, DETERIORATED RUBBER PADS, SEPARATION OF RUBBER FROM STEEL SEPARATORS AND FOR CRACKS IN PARTS OR AT WELDS. RENEW WEAR PLATES WHEN EXCESSIVELY WORN.	Cooley Anderson
506	INSPECT TRUCK WEAR PLATES FOR PRESENCE, CRACKED WELDS AND EXCESSIVE WEAR. MEASURE PEDESTAL WEAR LINER WEAR AND REPLACE IF WORN TO 11 MM OR LESS. REPLACE AS NECESSARY. INSPECT SHOCK ABSORBERS FOR LEAKING CYLINDERS OR LOOSE MOUNTING HARDWARE. INSPECT TIE BAR BOLTS FOR TIGHTNESS.	Anderson Cooley
507	CHECK GEARCASE BOLTS FOR PROPER SECUREMENT BY GENTLY TAPPING WITH A HAMMER TO DETECT LOOSE BOLTS. IF LOOSE, TORQUE: CASE TO MOTOR-440-495 ft.-lbs., GEARCASE HALVES-185-210 ft.-lbs. REPLACE LEAKING OR DEFECTIVE FILLER CAPS.	Cooley Anderson
508	DRAIN FUEL TANK CONDENSATION.	
509	INSPECT TRUCKS FOR LOOSE OR DRAGGING EQUIPMENT. REPAIR AS NEEDED. ENSURE THAT SAND PIPES ARE PROPERLY ALIGNED SO THAT THE SANDERS DEPOSIT SAND ON RAIL IN FRONT OF WHEELS.	Anderson Cooley
510	INSPECT BRAKE RIGGING, BRAKE BLOCKS AND SLACK ADJUSTERS FOR EXCESSIVE WEAR. REPLACE BRAKE BLOCKS AS NEEDED. ADJUST SLACK ADJUSTER AS NEEDED FOR PROPER PISTON TRAVEL WHICH MUST NOT EXCEED 150 MM.	Cooley Anderson
600	PERFORM OUTBOUND SELF LOAD TEST AND RECORD HP, AMPS, VOLTS, BATTERY VOLTS, WATER AND OIL TEMP	<i>[Signature]</i>
601	ENSURE WATER GOES INTO RADIATOR AND TANK SITE GLASS IS LOWER AT APPROX 180 DEGREES ON WATER TANK TEMP GAGE	<i>[Signature]</i>
602	PERFORM OUTBOUND AIR BRAKE LEAKAGE TESTS AND VERIFY AUTOMATIC AND INDEPENDENT WORK CORRECTLY. APPLY AUTOMATIC BRAKE TO FULL SERVICE POSITION, CUT OUT AIR VALVE, AND VERIFY THAT BRAKE CYLINDERS STAY APPLIED FOR FIVE (5) MINUTES.	<i>[Signature]</i>

WATER 150°F METER-503
OIL 153°F
BATTERY 11.4V
H.P. 2107

603	APPLY INDEPENDENT BRAKES, MOVE REVERSER TO FORWARD, OPEN THROTTLE AND OBSERVE AMPERAGE ON AMPERAGE METER. RETURN THROTTLE TO IDLE, MOVE REVERSER TO REVERSE, OPEN THROTTLE AND OBSERVE AMPERAGE ON AMPERAGE METER. IF NO AMPERAGE APPEARS, IDENTIFY AND CORRECT PROBLEM.	<i>[Signature]</i>
604	CHECK SANDERS FOR PROPER OPERATION, COMPRESSOR PICK-UP AND DROP-OUT PRESSURES, AND INSPECT ANY OIL, FUEL OR WATER LEAKS CORRECTED.	<i>[Signature]</i>
605	RUN AUTO SELF TEST USING DID PANEL.	- NA -
606	REVIEW COMMENT AND DEFECT SHEETS AND CORRECT ANY DEFECTS NOT CORRECTED.	DRM DRM
0	SUPERVISOR'S SIGNATURE	

Compression TEST Results

R-

- 1 330
- 2 330
- 3 340
- 4 320
- 5 350
- 6 330

L-

- 1 320
- 2 310
- 3 330
- 4 350
- 5 310
- 6 320

[Signature] 6-11-10

MONTICELI, MAINE, ATLANTIC RAILWAY
BRUSH RECORD

UNIT # _____

MAIN ALTERNATOR

POS	1	2	3	B	W
9					
10					
11					
12					
1					
2					

SIGNATURE J. Hartin

AUXILIARY GENERATOR

POS	1	2	3	B	W
2					
4					
8					
10					

SIGNATURE J. Hartin

EXCITER GENERATOR

POS	1	2	3	B	W
2	✓	✓	✓		
4	✓	✓	✓		
8					
10					

SIGNATURE J. Hartin

FUEL PUMP MOTOR

POS	1	B	W
3			
9			

SIGNATURE J. Hartin

E-8

NO. 1 TRACTION MOTOR

POS	1	2	3	B	W
3					
6					
9					
12					

SIGNATURE J. Hartin

E-8

NO. 3 TRACTION MOTOR

POS	1	2	3	B	W
3					
6					
9					
12					

SIGNATURE J. Hartin

NO. 5 TRACTION MOTOR

POS	1	2	3	B	W
3					
6					
9					
12					

SIGNATURE _____

Cab Heater

FRONT

POS	1	B	W
2			
4			
8			
10			

SIGNATURE J. Hartin

E-8

NO. 2 TRACTION MOTOR

POS	1	2	3	B	W
3					
6					
9					
12					

SIGNATURE J. Hartin

E-8

NO. 4 TRACTION MOTOR

POS	1	2	3	B	W
3					
6					
9					
12					

SIGNATURE J. Hartin

NO. 6 TRACTION MOTOR

POS	1	2	3	B	W
3					
6					
9					
12					

SIGNATURE _____

~~DEFINITE BLANKING BLOWER MOTORS~~

REAR

POS	1	B	W
2			
4			
8			
10			

SIGNATURE _____

Montreal, Maine and Atlantic Railway
12 Month Airwork

Unit Number 2000

Date 6-10-10

1. Test resistance of Electrical Equipment to Ground:
 - a. Hi Voltage System..... HV - OK J. Martin
 - b. Low Voltage System..... See defects J. Martin
 - c. A/C System..... [Signature]
2. Check Fire Extinguisher..... J. Martin
3. Lubricate Brake Pistons..... D. BLACK
4. Measure slack in draft gears & record: Front 3/8 Rear 3/8
5. Change Main Reservoir Relief Valve..... J. Martin
6. Remove and clean Salem Filters..... J. Martin
7. Remove and clean Dirt Filter..... J. Martin
8. Check Compressor on/off pressures..... D. Black
9. Check Brake Pipe pressures (90lbs.)..... J. Black
10. Check Brake Cylinder Pressure with Auto Application..... J. Black
11. Check Independent Brake Pressure..... J. Black
12. Cut out Compressor Unloader and test Main Reservoir Relief Valve.
(Should pop @ 155psi)..... D. Black
13. Inspect and test Hand Brake..... J. Anderson
14. Change Air Compressor oil and Filter (wipe out base)..... J. Anderson
15. Inspect Air Compressor Rod Bolts, Brgs., and Oil Pump... J. Anderson
16. Check Oil pressure @ idle and record..... D. Black
17. Change Oil in Dash 7:
 - a. Alternator..... J. Martin
 - b. Fan Drive..... J. Martin
18. Check Engine Adjustments..... J. Black - D. Black
19. Clean Air Boxes..... OK - J. Martin
20. Clean Diode Bank in Dash 8's... + 7's..... J. Martin

Comments:

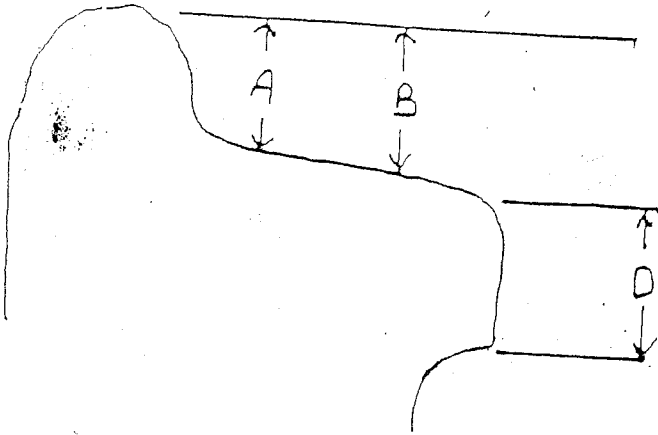
MONTREAL, MAINE AND ATLANTIC RAILWAY

Quarterly Mechanical Maintenance

Unit 2000

Date 6-10-10

REPORT SHEET
WHEEL, COUPLER and SIDE BEARING



$C = B \text{ MINUS } A$

COUPLER HEIGHT (31.5" to 34.5")		MACHINIST <i>Coiley</i>
FRONT <u>33 1/2</u>	REAR <u>33</u>	
SIDE BEARING CLR. (total 3/16" - 1/2")		MACHINIST <i>Coiley</i>
R. F. <u>1/4</u>	L. F. <u>1/4</u>	
R. R. <u>1/4</u>	L. R. <u>1/4</u>	
PILOT HEIGHT (min. 3" - max. 6")		MACHINIST <i>Coiley</i>
FRONT <u>4 1/2</u>	REAR <u>5 1/2</u>	

WHEEL	RIGHT SIDE				LEFT SIDE				NOSE SUSPENS. CLEARANCE
	A	B	C	D	A	B	C	D	
NO. 1	<u>1.04</u>	<u>1.08</u>		<u>1.24</u>	<u>1.04</u>	<u>1.08</u>		<u>1.24</u>	<u>1/4</u>
NO. 2	<u>1.04</u>	<u>1.08</u>		<u>1.30</u>	<u>1.04</u>	<u>1.06</u>		<u>1.30</u>	<u>3/4</u>
NO. 3	<u>1.04</u>	<u>1.08</u>		<u>2.04</u>	<u>1.04</u>	<u>1.06</u>		<u>2.04</u>	<u>3/16</u>
NO. 4	<u>1.04</u>	<u>1.08</u>		<u>1.20</u>	<u>1.05</u>	<u>1.08</u>		<u>1.20</u>	<u>3/16</u>

MACHINIST: *Coiley*

- Condemning limit at "C", Tread worn hollow 5/16" Road units.
- Condemning limit at "A", High flange 1-1/2" All units.
- Inspect all wheels for thin flanges (15/16" min.).
- Inspect all wheels for flat and shell spots.
- Inspect Front and rear draft gears and couplers.
- Inspect support brgs., caps, and gear cases for cracks.

REPORT ALL DEFECTS AND NEAR DEFECTS TO FOREMAN

FRACTIONAL MEASUREMENTS TO BE IN 32nds"
ONLY CORRECT MEASUREMENTS ARE USEFUL

Comments:

Montreal, Maine, & Atlantic Railway
Locomotive

Unit 2000

Date 6-11-10

3 Month Federal Air Work

Signature

1. Inspect and repair air piping and valves for leaks Jw Black
2. Test all air gauges with gauge tester and set if required..... D. Black
3. With full brake pipe pressure, make a 20lb. reduction, move the cutoff valve to "OUT" position and move the lead - dead valve to "DEAD" position. Brakes must remain applied for 5 minutes..... Jw Black
4. Cover each trainline hose coupling with hand and test for leakage through valve, then apply blank dummy couplings to the trainline hoses on each end of the unit and open trainline valves. Make a 20lb. reduction with the Automatic, move the cutoff valve to "OUT" position and check for brake pipe leakage. Leakage shall not exceed 5 lb. per minute..... Jw Black
5. Reduce main reservoir pressure to 85 lbs. by draining #2 main reservoir.(*). Check cab gauge for leakage from main reservoirs and piping for 3 minutes. Leakage must not exceed an average of 3 lb. per minute during the test..... Jw Black
6. Drain #1 main reservoir (*) completely and test check valve between reservoirs. Pressure should remain on the main reservoir gauge in the cab as #1 main reservoir is drained..... J Black
7. Check all MU valve handles to ensure the locking devices work properly. Lubricate or replace as necessary..... J Black
8. Check knuckle thrower to make sure it opens the knuckle. Lubricate or repair as necessary..... D. BLACK

Note (*) #1 reservoir is without the check valve.# 2 is with the check valve.

MMA 2000

6-10-10

DEFECT	CORRECTIVE ACTION TAKEN	SIGNATURE
LV ground - crosswalk lights needs water + Treatment	Front bulb B/O	J. H. ...
Several water leaks at Comp TM 2. Bellows ripped	REPAIR <u>All Visible Leaks</u> Replaced boot & clamps -	J. Black
TM 1 Missing Dust Seal	Replaced Dust Seal -	J. Black
TM 2 Loose Dust Seal	Replaced Clamp & tightened -	J. Black
water tank		
SANDER NOZZLE missing on Both Penn sand pipes	Replaced nozzle	J. Black
Ball Valve on Bottom of Salem S/S B/O	Replaced valve -	J. Black
4" low cooling water	ADDED 4" water -	J. Black
Toilet Dirty -	Cleaned TOILET ADDED TREATMENT -	J. Black

Inspector: _____ Time: _____

Time and Date Ok'd For Service: _____

The above work has been performed, except as noted, and the report is approved.

Signature: _____ Occupation: _____

Foreman in Charge: _____

Report Date: 06-10-2010
Locomotive 2000

Data Removed on 06-10-10

SPEED (MPH)	OK
TRACTION MOTOR CURRENT	OK
BRAKE PIPE PRESSURE	OK
INDEPENDENT BRAKE	OK
END-OF-TRAIN PSI	Never above 20.
EP BRAKE REQUESTED	Never ON/ACTIVE
THROTTLE	Dynamic Brake never reported. Low Idle never reported.
REVERSE	Never ON/ACTIVE
EIE	OK
PCS	OK
HORN	OK
EOT MOVING	Never ON/ACTIVE
EOT MSG. JUST RX	Never ON/ACTIVE
EOT LIGHT	Never ON/ACTIVE
EP OPERATING MODE	Never ON/ACTIVE
EP PENALTY BRAKE	Never ON/ACTIVE
EP ENGINEER EMERGENCY	Never ON/ACTIVE