

MM&A 368 DAY INSPECTION SHEET

PAGE 1 of 4

LOCATION: Derby DATE: 11-9-06

LOCOMOTIVE NO. 23

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.	
101	SELF LOAD UNIT OUTSIDE. RECORD KW, AMPS AND VOLTS	N/A
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.	N/A
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.	N/A
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.	Dave
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.	OK
106	CHECK AIR COMPRESSOR OIL LEVEL WITH ENGINE AT IDLE.	D
107	CHECK OIL LEVEL IN ALTERNATOR GEAR TRAIN. ADD DIESEL ENGINE OIL AS NEEDED.	N/A
108	CHECK OPERATION OF WINDOW WIPERS. REPLACE BLADES AS NECESSARY.	D
109	CHECK COOLING WATER LEVEL AND WATER TREATMENT CONCENTRATION. ADD TREATED OR CLEAN WATER AND COMPATIBLE WATER TREATMENT COMPOUND AS NEEDED.	D
110	CHECK OPERATION OF GROUND RELAY SYSTEM AND LOCK-OUT PER GETS MI GEI-83418A.	WML
111	CHECK EXHAUST MANIFOLD FOR LEAKS, CRACKS OR BROKEN WELDS. REPAIR AS NECESSARY.	Dave
112	CHECK OPERATION OF ENGINE AIR FILTER PRESSURE SWITCH PER GETS MI GEK-18104.	-NA-
113	CHECK OPERATION OF EMERGENCY FUEL TRIPS AND THROTTLE STOPS	

114	CHECK GOVERNOR OVER SPEED SYSTEM TO ENSURE PROPER OPERATION. CHECK GOVERNOR OIL LEVEL AT IDLE.	
115	TEST FLUID AMPLIFIER FOR LEAKAGE PER MI GE K-35899.	N/A
116	INSPECT AND TEST ALL ALARMS, AUTOMATIC CONTROLS AND PROTECTIVE DEVICES	DA
117	RUN MANUAL SELF TEST USING DID PANEL.	-N/A-
118	CHECK AND VERIFY OPERATION OF SPEEDOMETER	DA
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.	DA
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.	
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.	DA
122	CHECK OPERATION OF CAB HEATERS AND REFRIGERATOR. MAKE REPAIRS AS NECESSARY.	DA
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	DA
201	CLEAN AND INSPECT CAB. MAKE SURE NO TOOLS OR DEBRIS IS ON THE FLOOR. CLEAN WINDOWS INSIDE AND OUT.	Dave
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	le h
203	INSPECT ELECTRICAL EQUIPMENT POWER CONTACTOR TIPS, ARC CHUTES AND INTERLOCK PLUNGER BOLTS. CHECK FOR BURNED WIRING AND LOOSE OVERHEATED ELECTRICAL	le h

Changed 5mm Fuel Screen ~~Husser~~

204	INSPECT MASTER CONTROLLER (17KC120), CLEANING CONTACT BRUSH WEAR DUST OR DEBRIS FROM DYNAMIC BRAKE POTENTIOMETER (IF PAINTED GREY VERSION) WITH DRY COMPRESSED AIR.	White
205	TEST ALL GAUGES FOR ACCURACY	Husser
206	INSPECT LOW PRESSURE FUEL HOSE. REPLACE AS NECESSARY.	Husser White
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).	White
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).	White
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).	White
210	REMOVE CARBON BUILD UP FROM CRANKCASE BREATHER PIPE IN EXHAUST STACK (IF EQUIPPED).	Husser
211	REPLACE FUEL FILTER ELEMENT.	Husser
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.	Husser
213	CHANGE ALL LUBE OIL FILTERS, CLEAN LUBE OIL STRAINER AND TAKE LUBE OIL SAMPLE	Husser
214	INSPECT ALL FLEXIBLE COUPLINGS. CHECK RUBBER BUSHINGS FOR DETERIORATION, REPLACE AS NECESSARY	NA
215	INSPECT EXHAUST MANIFOLD, HEAT SHIELDS, SILENCER AND EXHAUST STACK.	Davey
Check cab heater brushes		White / D.S.
Inspect Load regulator		White

216	CHECK OIL LEVEL OF RADIATOR FAN GEAR BOX	None
217	REPLACE BAGGIE AIR FILTERS WITH NEW ELEMENTS	Hussey
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	Hussey
219	FREEDOM OF OPERATION	Wavy scribble
220	INSPECT AND CLEAN ENGINE COALESCER AIR FILTER CARTRIDGE WITH MINERAL SPIRITS	Wavy scribble
221	CLEAN ENGINE ROOM WITH APPROVED CLEANING AGENT. MAKE SURE PLATFORM DRAINS ARE NOT PLUGGED	OK
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	Dave
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.	
301	TAKE AND RECORD CRANKSHAFT LATERAL MEASUREMENT	N/A
400	INSPECT ENTIRE LOCOMOTIVE FOR LOOSE BOLTS, NUTS AND PIPE JOINTS. TIGHTEN OR REPAIR AS APPROPRIATE.	Dave
401	CLEAN RADIATORS.	Wavy scribble
402	INSURE THAT SAND BOXES ARE FULL.	
403	INSPECT ALL HAND RAILS AND RAILINGS TO INSURE THEY ARE STRAIGHT AND SECURE.	CRM
404	INSPECT ALL LIGHT BULBS TO INSURE THEY ARE OPERATIONAL.	
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: 3/16 REAR: 1/8	Dave

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.	<i>White</i>
407	TEST / QUALIFY MU JUMPER CABLE WITH TESTER	<i>MP</i>
500	PERFORM INTERNAL TRACTION MOTOR 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.	<i>D</i>
501	PERFORM TRACTION MOTOR LUBRICATION 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.	<i>Dave</i>
502	INSPECT WHEELS FOR CRACKS, SHELLED TREADS OR FLAT SPOTS. CHECK FOR PROPER RIM THICKNESS AND MAKE CORRECTIONS AS NECESSARY. COMPLETE WHEEL INSPECTION REPORT.	<i>Dave</i>
503	DRAIN WASTE OIL RETENTION TANK. INSPECT DRAIN TROUGHS ALONG THE WALKWAYS TO ENSURE DRAIN HOLES ARE NOT PLUGGED.	<i>Done</i>
504	CHECK OIL LEVEL IN JOURNAL BOXES (IF APPLICABLE)	<i>Dave</i>

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.	Dave
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.	Dave
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.	Dave
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.	Dave
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.	Dave
600	PERFORM OUTBOUND SELF LOAD TEST AND RECORD HP, AMPS, VOLTS, BATTERY VOLTS, WATER AND OIL TEMP	
601	ENSURE WATER GOES INTO RADIATOR AND TANK SITE GLASS IS LOWER AT APPROX 180 DEGREES ON WATER TANK TEMP GAGE	Handwritten signature
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.	C Mc

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.	S M
604	CHECK SANDERS FOR PROPER OPERATION, COMPRESSOR PICK-UP AND DROP-OUT PRESSURES, AND INSPECT ANY OIL, FUEL OR WATER LEAKS CORRECTED.	
605	RUN AUTO SELF TEST USING DID PANEL.	-N/A-
606	REVIEW COMMENT AND DEFECT SHEETS AND CORRECT ANY DEFECTS NOT CORRECTED.	D M
0	SUPERVISOR'S SIGNATURE	

MONTREAL, MAINE, & ATLANTIC RAILWAY
BRUSH RECORD

UNIT# 23

DATE 11-9-06

MAIN ALTERNATOR

POS	1	2	3	4	B	W
9	✓	✓	✓	✓		
10						
11						
12						
1						
2						

SIGNATURE NIL.

NO. 1 TRACTION MOTOR

POS	1	2	3	B	W
3					
6	OK				
9					
12					

SIGNATURE [Signature]

NO. 2 TRACTION MOTOR

POS	1	2	3	B	W
3					
6	OK				
9					
12					

SIGNATURE [Signature]

NO. 3 TRACTION MOTOR

POS	1	2	3	B	W
3					
6	OK				
9					
12	✗	✗	✗		

SIGNATURE [Signature]

NO. 4 TRACTION MOTOR

POS	1	2	3	B	W
3					
6	✗	✗	✗		✓
9					
12	OK				

SIGNATURE [Signature]

AUXILIARY GENERATOR

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

SIGNATURE NL

NO. 5 TRACTION MOTOR

POS	1	2	3	B	W
3					
6					
9					
12					

SIGNATURE _____

NO. 6 TRACTION MOTOR

POS	1	2	3	B	W
3					
6					
9					
12					

SIGNATURE _____

EXCITER GENERATOR

POS	1	2	3	B	W
2					
4					
8					
10					

SIGNATURE _____

DYNAMIC BRAKING BLOWER MOTORS

FRONT

POS	1	B	W
2			
4			
8			
10			

SIGNATURE _____

REAR

POS	1	B	W
2			
4			
8			
10			

SIGNATURE _____

FUEL PUMP MOTOR

POS	1	B	W
3	OK		
9			

SIGNATURE NL

A.H. S.I.P. r.m.s.s.
OK-NL

Montreal, Maine & Atlantic Railway
 LOCOMOTIVE & CAR WHEEL REPORT



Loco or Car Initial & Number MMA 23

Date of inspection 11.9.06

Location of Inspection Derby, Maine

Inspector's Name Dave
 (Check One)

Inbound Inspection	<input checked="" type="checkbox"/>	Outbound Inspection	<input type="checkbox"/>
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Left Side

Right Side

Flange Thickness A	Rim Thickness B	Flange Height D	Location	Flange Thickness A	Rim Thickness B	Flange Height D	Motor Type	MOSE Checkbook
1.06	1.08	2 1/2"	1	1.08	1.08	2 1/2"		1/4"
1.08	1.08	2 5/8"	2	1.08	1.09	2 5/8"		1/4"
1.10	1.10	2 9/16"	3	1.10	1.12	2 9/16"		1/4"
1.12	1.12	2 1/4"	4	1.11	1.12	2 5/16"		1/4"
_____			5	_____				
_____			6	_____				

Coupler Height (minimum 31.5" maximum 34.5")

Front	32 1/2"	Rear	32 1/2"
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Pilot Height (minimum 3" maximum 6")

Front	6+"	Rear	4 1/2"
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Side Bearing Clearance (total to be between 3/16" & 1/2")

Left Front	1/8"	Right Front	3/16"	Left Rear	1/16"	Right Rear	1/8"
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Use only one set of side bearing seats for each side of wheel

ANNUAL INSPECTION TESTS

TEST OPERATION OF DYNAMIC BRAKES.....	N/A
CHECK OPERATION OF FUEL PREHEATER.....	
INSTALL GURU PLUGS.....	N/A
INVENTORY TRACTION MOTORS IN LOCOMOTIVES.....	
TEST CAB HEATERS.....	N/A
CHECK MAIN RES BLOWDOWNS FOR OPERATION.....	N/A
PERFORM COMPRESSION TEST.....	N/A
INSPECT CAB SEATS.....	OK
CLEAN AIRBOXES.....	N/A
REMOVE AND CLEAN TRACTION MOTOR FILTERS.....	N/A
GREASE EQUIPMENT BLOWERS ON -7s.....	N/A
PIN RACKS.....	N/A
GREASE FAN / COMPRESSOR COUPLING ON -7s.....	N/A
CHECK CRANK CASE BREATHER.....	OK
CHECK SANDER OPERATION.....	OK
FUEL SPILL KITS.....	OK
CHECK TOILET.....	see defect sheet
PERFORM ENGINE ADJUSTMENTS.....	N/A
TEST AND DATE HANDBRAKE.....	
CHECK CRANK CASE PRESSURE SWITCH.....	N/A
INSPECT BRAKE RIGGING.....	Dave
INSPECT BATTERIES.....	
PERFORM CMR TEST.....	
INSPECT CDC CONTACTORS ON -8s.....	N/A
INSPECT FIRST AID KITS.....	N/A
APPLY SPARE KNUCKLES TO LOCOMOTIVES IF NEEDED.....	
WRENCH, HAMMER, HOSES.....	

Engine Oil Sample

Hossey

Montreal, Maine, & Atlantic Railway
Mechanical Department

Unit Number MMA _____

Date 11.9.06

1. Inspect traction motor wicks and report action

- | | | | |
|-----|-----------|-----|------------------------|
| #1. | <u>OK</u> | ... | <u>DA</u>
<u>VE</u> |
| #2. | <u>OK</u> | ... | |
| #3. | <u>OK</u> | ... | |
| #4. | <u>OK</u> | ... | |
| #5. | _____ | ... | |
| #6. | _____ | ... | |



23

11-9-06

DEFECT	CORRECTIVE ACTION TAKEN	SIGNATURE
Elect. short in number 1 light socket Eng. side.	Removed socket	Uhrig
Cond side fuel gauge B/O		
Eng Front wipers not working	Replaced motor	Dave
toilet disconnected from drain pipe	Rebbed and fastened	CRM
Top oil line above load reg. Leaking	Replaced hose	CRM
Frt. pilot 6" high	Checked OK	J. D. [Signature]
#1 Rt. brake rigging rubbing inside of wheel	ADJUSTED	CRM
#2 L ^{front} shoe overriding. Brake head loose.	ADJUSTED	CRM
#3 L front shoe overriding. Brake head loose	ADJUSTED	CRM
#4 L rear shoe overriding. Brake head loose.	ADJUSTED	CRM
TM #4 bottom cover felts worn out	cleaned cover put on new felts	J. D. [Signature]
fuel dripping from rear-top of fuel tank	Checked OK	J. D. [Signature]

Inspector: _____ Time: _____

Time and Date Ok'd
 For Service: _____

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

 Foreman in Charge

Signature: _____ Occupation: _____

Unit No: _____ Inspection: _____

Montreal, Maine and Atlantic Railway
12 Month Airwork

Unit Number 23

Date 11/9/06

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

Comments:
21. Test Air Flow meter
Changed out intake Comp Filters Hasser

Locomotive Winterization Check off sheet.

Locomotive No. 23

Date 11/9/06

Item	Done (X)	Not Done (X)	Notes
Heated Glazing	<u>X</u>	_____	_____
Check air Defroster	<u>X</u>	_____	_____
Hot water heat	<u>X</u>	_____	_____
Electric Heat	<u>X</u>	_____	_____
Remove air intake	<u>N/A</u>	_____	_____
Seal vents	_____	_____	_____
Side wall heaters	<u>X</u>	_____	_____
Blow out heaters	<u>X</u>	_____	_____
Front door (weatherstrip)	<u>X</u>	_____	_____
Rear door (weatherstrip)	<u>X</u>	_____	_____
Left window (Seal)	<u>X</u>	_____	_____
Right window (Seal)	<u>X</u>	_____	_____
Nose door (Seal)	<u>X</u>	_____	_____
Electrical Cabinet (Seal)	<u>X</u>	_____	_____
Ceiling (Insulate)	<u>X</u>	_____	_____
Auto brake (vent)	<u>X</u>	_____	_____
Independent (vent)	<u>X</u>	_____	_____
Floor hatch (Seal)	<u>X</u>	_____	_____
Control ^{stand} valve (Seal)	<u>X</u>	_____	_____