Vo.	/ INSPECT-CHECK	INSPECTOR'S SIGNATURE	
1,14	PERFORM ALL 100 SERIES INSPECTIONS AND		
	TESTS WITH LOCOMOTIVE OUTSIDE OF SHOP		
	BUILDING		
	PERFORM SELF TEST ON ALERTER-EVENT		
	RECORDER. DOWN LOAD EVENT RECORDER.	Down looked	
	INSURE THAT ALL DATA PARAMETERS ARE BEING	25 6 3	
	RECORDED, VERIFY PROPER TIME AND DATE ON	Printed J. U.	
100	RECORDER.	المات	
	SELF LOAD UNIT OUTSIDE. RECORD KW, AMPS	2720 HP 700 VolT	
101	AND VOLTS	3720 HP 700 Volt 3844 Amp	
	MANUALLY PULL EACH FUEL PUMP RACK		
	SLIGHTLY AND LISTEN FOR A SHARP WRAP,	·	
	WHICH INDICATES THAT THE NOZZLE AND	Ploodie	
	CYLINDER ARE MOST LIKELY OPERATING	- (1 Base	
102	PROPERLY.		
	CHECK "DID" ON THE BRIGHTSTAR SCREEN. IF		
	FAULT IS DISPLAYED, RECORD ON DEFECT	J. Harin	
er de la	SHEET AND INVESTIGATE THE CAUSE. RUN	J' have the	
103	LOCOMOTIVE SELF TEST IF NEEDED.		
	LISTEN TO DIESEL ENGINE IN IDLE FOR ANY		
	UNUSUAL SOUNDS. MAKE VISUAL INSPECTION	01 10	
	WITH ALL DOORS OPEN. LOOK FOR WATER,	Moodi	
	LUBRICATION AND FUEL LEAKS AND MAKE	·	
104	CORRECTIONS AS NECESSARY.	Voil level - Added 3	0/
	CHECK ENGINE OIL LEVEL AT IDLE. ADD OIL TO	Voti level - Added a	61 1
	FULL MARK AS NECESSARY. TAKE OIL SAMPLE	A Section 1	
	AFTER RUNNING ENGINE FOR A MINIMUM OF FIVE		
105	(5) MINUTES.		12
106	CHECK AIR COMPRESSOR OIL LEVEL WITH		18
	ENGINE AT IDLE. CHECK OIL LEVEL IN ALTERNATOR GEAR TRAIN.		
409	133	N AIIA	
107	ADD DIESEL ENGINE OIL AS NEEDED. CHECK OPERATION OF WINDOW WIPERS.		
108	REPLACE BLADES AS NECESSARY.	TPloade	, i
100	CHECK COOLING WATER LEVEL AND WATER	I level of - 1860 glass needs to be add	أرر
	TREATMENT CONCENTRATION. ADD TREATED OR	V level or - The	21
	CLEAN WATER AND COMPATIBLE WATER	glass needs to be	س لا
109	TREATMENT COMPOUND AS NEEDED.	of add	J. K.S. J.
103	CHECK OPERATION OF GROUND RELAY SYSTEM		
110	AND LOCK OUT PER GETS MI GEI-83418A.	Julanti	
110	MAD FOCK OUT LEV OF 19 MILOTION	J. Harti	
ý	CHECK EXHAUST MANIFOLD FOR LEAKS, CRACKS		
444	OR BROKEN WELDS. REPAIR AS NECESSARY.	11 6000	. A.1
111	CHECK OPERATION OF ENGINE AIR FILTER		- X
	TOTILOR OF LINATION OF LINGUIL WILL LIFTLY 5		5 30
442	DDESCRIDE SWITCH DED CETS MI CEK-18104		
112	PRESSURE SWITCH PER GETS MI GEK-18104. CHECK OPERATION OF EMERGENCY FUEL TRIPS		

		
	CHECK GOVERNOR OVER SPEED SYSTEM TO	
	ENSURE PROPER OPERATION. CHECK	PPlander
114	GOVERNOR OIL LEVEL AT IDLE.	FI Coccio
	TEST FLUID AMPLIFIER FOR LEAKAGE PER MI GE	
115	K-35899.	
	INSPECT AND TEST ALL ALARMS, AUTOMATIC	211-
116	CONTROLS AND PROTECTIVE DEVICES	J. Hate
117	RUN MANUAL SELF TEST USING DID PANEL.	J. Hak
118	CHECK AND VERIFY OPERATION OF	
110	SPEEDOMETER	Mesocle
	ENSURE WATER GOES INTO RADIATOR AND TANK	
	SIGHT GLASS IS LOWER AT APPROX 180	
	DEGREES ON WATER TANK TEMP GAGE. CHECK	Moodie
	COOLING WATER AMPLIFIER FOR LEAKS DURING	11 6000 C
119	LOAD BOX TEST.	·
-	DEDECOM OUTDOUND AIR PRAYER FAVACE	
	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	
120	CYLINDERS STAY APPLIED FOR FIVE (5) MINUTES. APPLY INDEPENDENT BRAKES, MOVE REVERSER	
	TO FORWARD, OPEN THROTTLE AND OBSERVE	•
	AMPERAGE ON AMPERAGE METER. RETURN	IP Coodus
	THROTTLE TO IDLE, MOVE REVERSER TO	If praduo
	REVERSE, OPEN THROTTLE AND OBSERVE	10000
•	AMPERAGE ON AMPERAGE METER. IF NO	
	l l	
121	AMPERAGE APPEARS, IDENTIFY AND CORRECT PROBLEM.	
121	CHECK OPERATION OF CAB HEATERS AND	
	1	
122	REFRIGERATOR, MAKE REPAIRS AS NECESSARY.	A Comme
144	CHECK THAT ALL ACCESS PANEL HATCHES AND	
	DOORS OF ELECTRICAL EQUIPMENT AND	
	CABINETS ARE IN PLACE AND SECURED AND	
200	PROPERLY STENCILED WITH WARNING LABELS	J. Har
200	CLEAN AND INSPECT CAB. MAKE SURE NO TOOLS	
	OR DEBRIS IS ON THE FLOOR. CLEAN WINDOWS	11 1
201	INSIDE AND OUT.	Mondi
201	CHECK ALL CIRCUITS FOR GROUNDS, SHORT	V
	CIRCUITS AND DAMAGED INSULATION. CLEAN	J. Martin
202	CONTROL EQUIPMENT COMPARTMENTS USING	- Mastin
LUL	LOW VELOCITY DRY AIR OR A VACUUM CLEANER	Jina
	WITH A SOFT BRUSH	
	INSPECT ELECTRICAL EQUIPMENT POWER	
	CONTACTOR TIPS, ARC CHUTES AND INTERLOCK	
203	PLUNGER BOLTS. CHECK FOR BURNED WIRING	- W -
	AND LOOSE OVERHEATED ELECTRICAL	V. Martin
	MIND LOUSE OVERHEATED ELECTRICAL	

	UNICHECT MACTER CONTROLLER (47/20420)	
	INSPECT MASTER CONTROLLER (17KC120),	
	CLEANING CONTACT BRUSH WEAR DUST OR	
	DEBRIS FROM DYNAMIC BRAKE POTENTIOMETER	
	(IF PAINTED GREY VERSION) WITH DRY	- 11 m
204	COMPRESSED AIR.	V . Wait-
205	TEST ALL GAUGES FOR ACCURACY	
	INSPECT LOW PRESSURE FUEL HOSE. REPLACE	
206	AS NECESSARY.	DRA
	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	-11
	ALL THREE MARKED LINES ARE NOT VISIBLE,	THarin
	BRUSHES ARE TOO SHORT AND MUST BE	•
207	REPLACED).	
	INSPECT AUXILIARY ALTERNATOR AND EXCITER	
	COMMUTATOR, SLIP RINGS AND BRUSHES.	
	DRESS COMMUTATOR AS NECESSARY. REPLACE	
	(IN SETS ONLY!) CHIPPED, CRACKED OR	10.
	DAMAGED BRUSHES AND THOSE TOO SHORT TO	J. Hairin
	LAST UNTIL NEXT INSPECTION. (IF ALL THREE	7
	MARKED LINES ARE NOT VISIBLE, BRUSHES ARE	
208	TOO SHORT AND MUST BE REPLACED).	
	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	J. Harin
	INSPECTION. (IF ALL THREE MARKED LINES ARE	
	NOT VISIBLE, BRUSHES ARE TOO SHORT AND	
209	MUST BE REPLACED).	*
	REMOVE CARBON BUILD UP FROM CRANKCASE	_ 1
	BREATHER PIPE IN EXHAUST STACK (IF	$1 NO I_{\Omega}$
210	EQUIPPED).	1 DUGITA
211	REPLACE FUEL FILTER ELEMENT.	y Sullion
	FUEL RACKS FOR PROPER OPERATION. APPLY	
	TORQUE ADAPTER AND CHECK THAT TORQUE	
	REQUIRED TO OPERATE LINKAGE DOES NOT	
	EXCEED 25 FTLBS. DRAIN AND REFILL WITH	
	NEW OIL (GE SPEC. D6B17F10, SAE 10W-30 GRADE	
	SF OR BETTER); OPERATE ENGINE FOR FIVE (5)	
	MINUTES TO CIRCULATE OIL, ADD OIL TO	
212	PROPER LEVEL WHILE ENGINE IS AT IDLE. CHECK	13)/5/1
414	CHANGE ALL LUBE OIL FILTERS, CLEAN LUBE OIL	0 0
213	STRAINER AND TAKE LUBE OIL SAMPLE	Marche
213	INSPECT ALL FLEXIBLE COUPLINGS. CHECK	0. 00-
214	RUBBER BUSHINGS FOR DETERIORATION,	
214	REPLACE AS NECESSARY	
L	INEL EVAL VALUE VA	<u> </u>

	·	
215	INSPECT EXHAUST MANIFOLD, HEAT SHIELDS,	DOM
	SILENCER AND EXHAUST STACK.	1100
	CHECK OIL LEVEL OF RADIATOR FAN GEAR BOX.	
246	CLEAN FAN BLADES AND MAKE CLOSE VISUAL	
216	INSPECTION FOR CRACKS. IF ANY CRACKS ARE	
	FOUND, REPLACE RADIATOR FAN.	DK NUM
	REPLACE BAGGIE AIR FILTERS WITH NEW	
217	ELEMENTS	11 Gracke
	CLEAN EXTERIOR OF AIR COMPRESSOR	
	INTERCOOLER AND INSPECT FOR LEAKAGE.	
	CHECK OPERATION OF UNLOADERS. DRAIN OIL,	
218	CLEAN SUMP SCREEN, ADD NEW OIL, (GE SPEC	
	D6B11D3) AND CLEAN FILTER (if applicable).	
	REPLACE INLET AIR FILTERS. REPLACE CMV	
	SYSTEM IN-LINE FILTER	1 / As /m
219	FREEDOM OF OPERATION	1 Alexander
213	INSPECT AND CLEAN ENGINE COALESCER AIR	if squisor
220	FILTER CARTRIDGE WITH MINERAL SPIRITS	
	CLEAN ENGINE ROOM WITH APPROVED	
221	CLEANING AGENT. MAKE SURE PLATFORM	
221	DRAINS ARE NOT PLUGGED	
	INSPECT COOLING SYSTEM FOR OIL AND	
	CORROSION. CLEAN AS NECESSARY (MI 09601)	
	CHECK COOLING WATER LEVEL AND WATER	
000	TREATMENT CONCENTRATION. ADD TREATED OR	
222	CLEAN WATER AND COMPATIBLE WATER	
1	TREATMENT COMPOUND AS NEEDED. REPLACE	
1	OR RECONDITION AMOT THERMOSTAT	
3	CHANGE OUT FUEL INJECTION NOZZLES.	
223	TORQUE NUTS IN HIGH PRESSURE LINE TO	
223	SPECIFICATION.	
\ \ \	LUBRICATE EQUIPMENT BLOWER BEARINGS (GE	
224	SPEC. D6A2C5)	$ \Lambda/A $
224	VISUALLY INSPECT ALL COMPONENTS OF THE.	1000
	CRANK CASE OF DIESEL ENGINE . PRESSURIZE	0
	THE COOLING SYSTEM AND BAR THE ENGINE	mer
300	OVER SLOWLY AND INSPECT THE INSIDE OF THE	
	LINERS, BOTTOM OF PISTONS, ROD THRUST	
	FACES ETC.	
	TAKE AND RECORD CRANKSHAFT LATERAL	Quanta (la-
301	MEASUREMENT	WIND 1025
	VISUALLY INSPECT ALL CYLINDER INLET PORTS	amer 1025 amer / wiley
*	FOR CARBON BUILD UP. IF CARBON THICKNESS	Come / Corley,
302	APPROACHES 6 MM IN ANY PORT, CLEAN ENTIRE	1
	ENGINE.	
	CHECK CYLINDER TAPPET CLEARANCE AND	0
303		amer / coiley
204	ADJUST AS NECESSARY. CLEAN AND QUALIFY FUEL HEATER.	
304	CLEAN AND QUALIFT FUEL REATER.	
	INSPECT ENTIRE LOCOMOTIVE FOR LOOSE	
400	BOLTS, NUTS AND PIPE JOINTS. TIGHTEN OR	Coiley
400	REPAIR AS APPROPRIATE.	
	KEFAIK AS AFFKUFKIATE.	<u> </u>

151	OLD TANK BARRAGE	
401	CLEAN RADIATORS.	OK, I
402	INSURE THAT SAND BOXES ARE FULL.	Moderanie
1	INSPECT ALL HAND RAILS AND RAILINGS TO	10/ 1
403	INSURE THEY ARE STRAIGHT AND SECURE.	DOUM / Ander so
	INSPECT ALL LIGHT BULBS TO INSURE THEY ARE	
404	OPERATIONAL.	1 Harts
	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-	I Hordine
405	FRONT: 1/1, REAR: 1/1/2	11/molline
		, 000
	WASH EXTERIOR OF BATTERY TRAYS. INSPECT	
	BATTERIES FOR PROPER ELECTROLYTE LEVEL.	
	FILLING AS NECESSARY, CHECK ALL ELECTRICAL	
	CONNECTIONS, FLUSH AND GREASE TERMINALS	- Marsin
1	AS NEEDED, CHECK AND RECORD SPECIFIC	J. Marsin
406	GRAVITY ON BACK OF THIS SHEET.	880
400	CICAVITT ON BACK OF THIS SHEET.	
407	TEST / QUALIFY MU JUMPER CABLE WITH TESTER	
	PERFORM INTERNAL TRACTION MOTOR	•
	INSPECTION. INSPECT ALL VISIBLE INSULATION	
	AND CONNECTIONS ON TRACTION MOTOR LEADS	
	AND CARBODY BOOTS. INSPECT ALL CABLES	Mary 1
	FOR INDICATIONS OF RUBBING AGAINST OTHER	
↓	CABLES OR THE BOGIES-ELIMINATE ANY	Jallaviin
500	RUBBING. CHECK MOTOR FLEXIBLE AIR DUCTS) a Marin
	FOR LEAKS. CHECK FOR LOOSE OR MISSING	
	TRACTION MOTOR COMMUTATOR COVERS.	
	CHECK COMMUTATOR FOR DISCOLORATION AND	A STATE OF THE STA
	DAMAGE. CHECK FOR CHIPPED, BROKEN OR	
	,	
	DAMAGED BRUSHES. REPLACE BRUSHES IN SETS	
	IF TOO SHORT TO LAST TO NEXT INSPECTION.	
	PERFORM TRACTION MOTOR LUBRICATION	
	INSPECTION. CHECK FOR HEAVY FILM OF	
	LUBRICANT ON GEAR TEETH. IF LOW, FILL TO	$AXI \land I$
	BOTTOM OF LOWER INSPECTION OPENING (GE	11/1/ scley
	SPECIFICATION D50E8C) REPLACE LEAKING OR	
	DEFECTIVE FILLER CAPS. DRAIN OIL FROM	17/1 1
501		It willow
	TRACTION MOTOR SUPPORT BEARINGS. REMOVE	pun
	WICK ASSEMBLY. REFILL WITH NEW OIL (GE	· Programme and the second sec
	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.	
<u> </u>	I was a second of the second o	

	INSPECT WHEELS FOR CRACKS, SHELLED	<u> </u>
	TREADS OR FLAT SPOTS, CHECK FOR PROPER	
	RIM THICKNESS AND MAKE CORRECTIONS AS	
		M. Colley
500	NECESSARY. COMPLETE WHEEL INSPECTION	
502	REPORT.	
	DRAIN WASTE OIL RETENTION TANK. INSPECT	100
	DRAIN TROUGHS ALONG THE WALKWAYS TO	If Coedine
503	ENSURE DRAIN HOLES ARE NOT PLUGGED.	77 000
504	CHECK OIL LEVEL IN JOURNAL BOXES (IF	111/2/ 19/2/
	APPLICABLE) CHECK TRACTION MOTOR NOSE SUSPENSION	Molly 1100an
		181
	FOR DAMAGE, DETERIORATED RUBBER PADS,	Moodino
	SEPARATION OF RUBBER FROM STEEL	11 1 1
	SEPARATORS AND FOR CRACKS IN PARTS OR AT	4// Corles
1.	WELDS. RENEW WEAR PLATES WHEN	11.000
505	EXCESSIVELY WORN.	,
506	INSPECT TRUCK WEAR PLATES FOR PRESENCE,	/ ,
	CRACKED WELDS AND EXCESSIVE WEAR.	De defect
	MEASURE PEDESTAL WEAR LINER WEAR AND	See asy
	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	
	CHECK GEARCASE BOLTS FOR PROPER	· · · · · · · · · · · · · · · · · · ·
	SECUREMENT BY GENTLY TAPPING WITH A	M/Y
	HAMMER TO DETECT LOOSE BOLTS. IF LOOSE,	411. Corley
507	1	1.1.
	TORQUE: CASE TO MOTOR-440-495 ftlbs.,	Martine
	GEARCASE HALVES-185-210 ftlbs. REPLACE	N outer-
500	LEAKING OR DEFECTIVE FILLER CAPS.	
508	DRAIN FUEL TANK CONDENSATION. INSPECT TRUCKS FOR LOOSE OR DRAGGING	
	EQUIPMENT. REPAIR AS NEEDED. ENSURE THAT	M/Y
·	SAND PIPES ARE PROPERLY ALIGNED SO THAT	M. Coiley
		10/11-
500	THE SANDERS DEPOSIT SAND ON RAIL IN FRONT	18/ormane
509	OF WHEELS. INSPECT BRAKE RIGGING, BRAKE BLOCKS AND	
	SLACK ADJUSTERS FOR EXCESSIVE WEAR.	McCoiley Mocdie
	REPLACE BRAKE BLOCKS AS NEEDED. ADJUST	Moder
	. , , , , , , , , , , , , , , , , , , ,	10, 1-
	SLACK ADJUSTER AS NEEDED FOR PROPER	14/opedu
F40	PISTON TRAVEL WHICH MUST NOT EXCEED 150	
510	MM.	
	PERFORM OUTBOUND SELF LOAD TEST AND	3853 Amp 3746
000	RECORD HP, AMPS, VOLTS, BATTERY VOLTS,	7 00 Volt HP
600	WATER AND OIL TEMP	100 0011
	ENSURE WATER GOES INTO RADIATOR AND TANK	J. M.S.
004	SITE GLASS IS LOWER AT APPROX 180 DEGREES). Nick
601	ON WATER TANK TEMP GAGE	~

*	PERFORM OUTBOUND AIR BRAKE LEAKAGE	
	TESTS AND VERIFY AUTOMATIC AND	
602	INDEPENDENT WORK CORRECTLY, APPLY	
	AUTOMATIC BRAKE TO FULL SERVICE POSITION.	
	CUT OUT AIR VALVE, AND VERIFY THAT BRAKE	7 11:
	CYLINDERS STAY APPLIED FOR FIVE (5) MINUTES. APPLY INDEPENDENT BRAKES, MOVE REVERSER	J. Mats
	TO FORWARD, OPEN THROTTLE AND OBSERVE	· ·
	AMPERAGE ON AMPERAGE METER. RETURN	
	THROTTLE TO IDLE, MOVE REVERSER TO	
	REVERSE, OPEN THROTTLE AND OBSERVE	
1	AMPERAGE ON AMPERAGE METER. IF NO	
	AMPERAGE APPEARS, IDENTIFY AND CORRECT	J. Mats
603	PROBLEM.	
	CHECK SANDERS FOR PROPER OPERATION,	
	COMPRESSOR PICK-UP AND DROP-OUT	
	PRESSURES, AND INSPECT ANY OIL, FUEL OR	1 - llever -
604	WATER LEAKS CORRECTED.	J. Hand
605	RUN AUTO SELF TEST USING DID PANEL.	J. Max
	REVIEW COMMENT AND DEFECT SHEETS AND	
606	CORRECT ANY DEFECTS NOT CORRECTED.	
0	SUPERVISOR'S SIGNATURE	

		Montreal, Maine, & Atlantic Rallway
,		Locomotive - Company C
Ļ	:nii_	Date $\frac{\sqrt{-6-1}}{3}$ Month Federal Air Work
		S Worth rederation work. Signature
	1.	Inspect and repair air piping and valves for leaks
	~	
۱,	2.	Test all air gauges with gauge tester and set if required
-/	\ 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
	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
		This is the state of the state
	5. F	Reduce main reservoir pressure to 85 lbs. by draining #2 main reservoir.(*)
		eck cab gauge for leakage from main reservoirs and piping for 3 minutes.
		akage must not exceed an average of S lb. per minute daying the
η'··	test	Joe Smer
	6.	Drain #1 main reservoir (*) completely and test check valve between reservoirs.
	Pre	ssure should remain on the main reserver gauge in the cab as #1 main reservoin is
	dra	ined Loe Gres
f_{ij}	<u>.</u>	
	7. (Check all MU valve handles to ensure the locking devices work properly. Lubricate
		eplace as:
	#eć	essary be the
. "7		Charles langed to the year to make gure it opens the langed to the langed of
		Check knuckle thrower to make sure it opens the knuckle. Lubricate or review as
	No	te (*) #1 reservoir is without the check valve.# 2 is with the check valve.
		アン・アン・アンド しょく アンドラ アン・アン・アン・アン・アン・アン・アン・アン・アン・アン・アンドラ 着き ア

CONFIDENTIAL

Montreal, Maine and Atlantic Ranway 12 Month Airwork

Unit Number Date
1. Test resistance of Electrical Equipment to Ground:
a. Hi Voltage System J. Harrin
b. Low Voltage System. J. Haffin
c. A/C System
2. Check Fire Extinguisher — Both out of clother
3. Lubricate Brake Pistons.
4. Measure slack in draft gears & record: Front // Rear /16
5. Change Main Reservoir Relief Valve
6. Remove and clean Salem Filters
7. Remove and clean Dirt Filter
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.
14. Change Air Compressor oil and Filter (wipe out base)
15. Inspect Air Compressor Rod Bolts, Brgs., and Oil Pump
16. Check Oil pressure @ idle and record
17. Change Oil in Dash 7:
a. Alternator
b. Fan Drive.
18. Check Engine Adjustments
19. Clean Air Boxes. Make Coulet for Comes / Lesser
20. Clean Diode Bank in Dash 8's
Communities

Zó tempo code a moderna

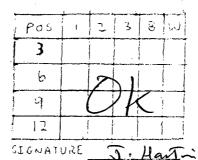
	unit no.	,
	28 L Edginson, various sources and the contraction	
J	1. Change Automotion brake tall a rottom	9.0
	G. Change Independent brate open.	
.:r	J. Change A-1 (December 1997)	
4.	4. Change Control Volve Parling.:	
	a. Service Portion	
	b. Guick Belease Co.	
50	5. Change P-2-A Amilia	
ό.	Change P-2-A Application Val.e.	
7.	7. Change Compressor had	***************************************
Θ.	7. Change Compressor Unleader Decret Valve.	
Ģ.	7. Change Out Compressor Intake Air Filters TP	600dre
11.	O.Change J-relay air valve	
12.	1. Clean Six 2-Way Checks.	
13.	2. Change Air Compressor Intel- Ait Filters	Leus
14.	Change to	lesson
•	M	
	Comments:	
	Comments:	

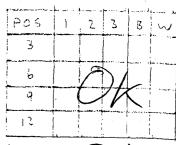


MATH ALTERNATOR

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						<u> </u>
SIGNATURE J. Havi						

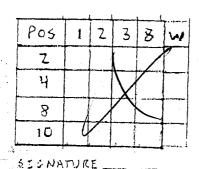
NO. L TRASPLOND MOTOR



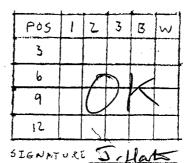


CEGNIATURE J. Haste

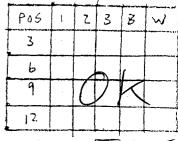
AUXILIARY GENERATOR



NO. 3 TRACTION MOTOR



NO. 4 TRACTION MOTOR



SIGNATURE J. Hak

EXCITER GENERATOR

,									
	POS	1	2	3	B	LA			
	2								
	Ч		/	/	1				
	3		Ţ		V				
1	10								
	SIGNATURE								

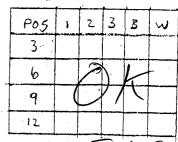
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NOTOR MOTOR

Cab Heaver

	Pos		2	<u> </u>	B	w	
	3				`		
	Ь		\nearrow	\	1		i
	9						
I	12						
•	SIGNATURE J. Harri						

Cab Heaser NIDTOR



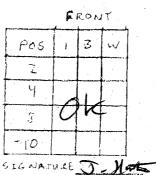
SIGNATURE J-Hartin

FUEL FUMP MOTOR

Pos	١	13		
3	بر	1		
9	O	76	-	

SIGNATURE JUHanse

DYMANIC BRAKING BLOWER MOTORS



POS BW

SIGNATURE J- Hartes

Down hosp Event Recorder X

Montreal, Maine, & Atlantic Railway Mechanical Department

Unit Number. 8569

Date 1-4-11

1. Inspect traction motor wicks and report action

#1. OK ~ OK ... Il Coodine

#2. OK ~ OK ... Il Coodine

#3. OK ~ OK ... Il Cooling

#4. OK ~ OK ... M. Cooling

#5. ...

all weeks checked, orled & wired

COCOMOTIVE DATE Start Readings END READING OLDGAUGE has Soms Flange Height Witness ': ES 50 Grove THICKNESS MEASUREMENT L#1 1004 L#2 L#2 19.4 L#3 6-on0-1-132 46.5 57554 L#4 L#5 L#5 L#6 OLD GAUGE FLANGE HEIGHT MEASUREMENT R#1 0-on-0---1 0-on-1---1-1/16* R#2 R#2 0-on-2---1-1/8* 0-an-3---1-3/161 R#3 R#3 D-nn-4---1-1/4" 0-on-5--1-5/16* R#4 R#4 0-cn-6---1-3/8° 2-on-6---1-13/32" R#5 4-on-6---1-7/16* 6-on-6---1-31/64" R#6 WEAR LIMITS FOR ROAD & SWITCH LOCOMOTIVES - MINIMUM DAILY REQUIREMENTS NEW GAUGE C-on-17--1-1/58 FRA 1 1/2" MMA 1 7/16" Flange Height 0-cn-18--1-1/8 MMA 15/16" MMA 1 1/16" FRA 7/8" FRA 1" Flange Thickness 0-on-19---1-3/15 Rim Thickness 0-pn-20---1-1/41 FLANGE MMA 1/4" FRA 5/16" Tread Wear HEIGHT 0-on-21---1-5/16 MEASUREMENT 0-cn-22---1-3# WEAR LIMITS - ROAD & SWITCH LOCOS WEAR LIMITS PASSENGER LOCOS - MIN 92 DAY REC 2-on-22---1-13/32" FLANGE Flange Rim Tread Flange HEIGHT Flange Rim THICKNESS THICKNESS 4-on-22---1-7/16" 6-on-22---1-15/32" THICKNESS Height THICKNESS WEAR WEAR FRA 1 1/2" FRA 7/8" FRA 1" FRA 5/16* FRA 1 1/2" FRA 7/8" 8-on-22---1-1/2" MMA 1 7/16" MMA 1 1/32" MMA 1 1/8 MMA 1/4" MMA 1 7'16" MMA 1' MMA 1 % мма %" CONVERSION CHART FOR WHEEL DIAMETER NEW GAUGE 8= 37 15= 37 7/8" 38" 38 ¾" 29= 39 5/8 40 ½" 40 5/8' 36≃ 9= 37 1/8 16= 23= 38 7/8" 30= 39 1/4 37≃ 0 - on 0 - 1 - 17/64° 10= 37 1/4" 37 3/8" 17= 38 1/8 24= 31= 39 39 7/8 38= 40 3/4" 11= 18= 38 1/3" 25≃ 39 1/8" 40" 39= 40 7/8 2 - on 0 - 1 - 7/3237 1/2" 12= 19≃ 38 3/8" 26= 39 ¼" 33= 40 1/8" 40= 41" 3-00-1-5/32 37 5/8" 27= 41 1/8" 41 ¼" 39.3/8 34= 40 1/4" 41= THICKNESS 4 - on 0 - 1 - 7/64 14= 37 %" 21= 38 5/8 40 3/8 MEASUREMENT 5 - on 6 - 1 - 3/64 LOCOMOTIVE RAIL CLEARANC 6 - on 0 - 1 - 1/32 COUPLER HEIGHT FRONT HEIGHT OF HORIZONTAL END HANDHOLD LOCO RAIL CLEARANCE MAX 6 OR UNCOUPLING LEVER IF USED AS HORIZONTAL 8 - 45.5 - 15/1/ 331/ FR/ MIN 3 MIN 31 19 FPA MIN 2 57 REAR MMA MAXE MMA MIN 30" MIN 3.35 33 EPA MAY 50 MIN 32 15" MMA MAX 50 WHEEL DIAMETER MEASUREMENTS ARE TAKEN FROM THE TOP OF THE WITNESS GROOVE 40" DIAMETER WHEELS WITNESS GROVE = 36" 42" DIAMETER WHEEL WITNESS GROOVE = 38" WHEEL MATCHING STANDARDS FOR 6 AZLE LOCOMOTIVES (FRA 8 MMA STANDARDS ARE THE SAME) L'IS THE MAXIMUM VARIATION ALLOWED. IN WHEEL DIAMETER, BETWEEN ANY 2 WHEELS IN THE SAME TRUCK WITHOUT SHIMS 1 TO IS THE MAXIMUM VARIATION ALLOWED, BY WHEEL DIAMETER, BETWEEN ANY 2 WHEELS IN THE SAME TRUCK WITH SHIMS APPLIED 1 M. IS THE MAXIMUM VARIATION ALLOWED, IN WHEEL DIAMETER, BETWEEN ANY 2 WHEELS ON DIFFERENT TRUCKS onen rigoraus tari sinterengen mareusaketan 16 tereganear bakir arehebu aes kontontolo gala marbite mareusaketa Men rigoraus tari sinterengen mareusaketan 16 tereganear bakir arehebu aeskiraketan gala mareusaketan mareusak REMEMBER THIS RULE DAMETER DIFFERENCE ACO APPROPRIATE DRIM, TO BOTH BOYES ON BOTH DESCRIPENT OF MAINETER DIFFERENCE RESOURCE WHOSE CHAPPINGS ON THUS MOTE: JULYAND FRALIAND PLAT SPOTO MUST, BE TRUED OR CHANGES WHEN FOUND Y UPERIOUS OR CHOOCH OLDER WASHESIANCE A • THE CHELLES CHOT DICE SHEATER TO LEWISH * OW EMPLOYEES SIGNATURE SUPERVISORS SIGNATURE

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Volts (7)	C-30					
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28 Air Box PSi Compressor cut No/out 130-140 > Messer-