

# ANNUAL HERITAGE PRE-SEASON DIESEL ELECTRIC LOCOMOTIVE INSPECTION

Date:	Unit Number:
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ITEM	DESCRIPTION	CHECKED BY
	<b>FIRE EXTINGUISHER</b>	
1	Fire fighting equipment – inspect fire fighting equipment – ensure inspection card is legible and up to date	
2	Fire extinguisher (30 Day)	
	<b>WHEELS</b>	
3	Wheel – ensure wheel measurements form is completed and report defects – All wheel dimensions must be to AAR Standards	
4	Trucks – qualify wheels, trucks and associated parts (springs, wear plates, journal boxes, air ducts, hoses and pipes) Record side bearing clearance: Front left _____ Rear left _____  Right _____ Right _____	
5	Take and record wheel measurements	
6	Check roller bearings, journals, springs and spring hanger	
7	Check condition of a traction motors and electric cables	
8	TM side bearings or support bearings – check for water or ice in traction motor support bearings. Drain as necessary. Lubricate to prescribed level. Ensure TM wick cover bolts are tight and locking tab in place.	
9	Wheels and Trucks – visually inspect condition of wheels, trucks and associated parts.	
	<b>BRAKES AND SAFETY CONTROL</b>	
10	Examine handbrake	
11	Check angle cock handle function and hoses	
12	Brake gear – examine foundation brake gear.	
13	Brake – qualify truck mounted components (brake rods, levers, beam, hangers, shoes, cylinders. Ensure brake shoes are aligned with the tread wheel and properly adjusted	
14	Record brake cylinder travel measurement	
15	Examine and test the handbrake	
16	Test conductors safety valve function if equipped	
17	Test safety control / deadman	
18	Safety appliances – inspect safety appliances above and below running board level.	
19	Condition of cat walks and safety chains	
	<b>FUEL</b>	
20	Fuel cut off – test operation of fuel emergency cut off	

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	switches from all stations, including throttle	
21	Fuel – inspect and ensure fuel tank, piping, pumps and the related parts are free from leaks.	
	<b>COUPLER</b>	
22	Coupler – qualify coupler and draft gear assembly (bushing, carrier, wear plate, uncoupling device). Measure knuckle opening and coupler height.  Record coupler height:  Front _____ Rear _____	
	<b>CAB</b>	
23	Control stand serviceability	
24	Check control stand	
25	Test control stand gauges (self-test)	
26	Check speed indicator if equipped	
27	Test audible devices – horn and bell	
28	Test power knock down – if equipped	
29	Test traction motor amp meter	
30	Heater – inspect heating and defroster system.	
31	Lights – test operation of all locomotive lights. Inspect fixtures for defects or miss alignment. Repair as required.	
32	Radio – inspect and test.	
33	Alarm – test operation of protective alarm system	
34	Compressor POP valve – seal	
35	Safety valves – test main reservoir valves and install witness wire seals	
36	Windows	
	<b>COVERS</b>	
37	Covers – apply and secure covers, panels and trap doors	
38	Electrical covers – apply and secure all electrical covers and panel.	
39	Ensure all electric panels are secured	
	<b>MANIFOLD</b>	
40	Exhaust manifold – carbon buildup – spark arrestor	
41	On turbo charged engines cleanout educator tube	
	<b>OTHER</b>	
42	Check batteries – specific gravity – water level	
43	Check rail clearance	
44	Test compressor orifice	

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## Comments

Inspectors Printed Name

Inspectors Signature