

LOCOMOTIVE 92 DAY INSPECTION

DATE	LOCATION	UNIT NO.
01/05/12	Burlington, IA	MVPX 1207

*****SAFETY ITEMS*****

S-1	Inspect and insure the unit is free of fire and accident hazards	DS
S-2	Test operation of engine protective alarm system (hot engine, low lube oil)	TH
S-3	Up-date and sign locomotive cab forms and keep a copy in locomotive's file	N/A
S-4	Inspect all safety appliances	TH
S-5	Inspect firefighting equipment (check dates on extinguishers)	TH
S-6	Inspect safety cross over chains and cross walks	N/A
S-7	Inspect walkways for oil and other slipping hazards (clean area with cleaning agent if needed)	DS
S-8	Test operation of bell and horn	TH
S-9	Check sanders and wipers	TH
S-10	Check condition of cab (floor, glass, etc.)	DS
S-11	Check warning lights and alarm bell	TH

*****ELECTRICAL*****

E-1	Ring out high voltage system and ensure ground switch is sealed	DS
E-2	Check all light bulbs and replace if needed	TH
E-3	Inspect main gen., aux. gen., elect. cabinet, (replace brushes when needed)	DS
E-4	Check batteries, adjust water level	TH
E-5	Test control system	JB
E-6	Inspect MU receptacles	TH
E-7	Inspect traction motors, clean and renew brushes as required	TH
E-8	Check operation of load meter and battery charge meter	N/A
E-9	Inspect control stand	DS
E-10	Check cab heaters (renew brushes as needed)	DS
E-11	Inspect load regulator, check coupling and renew brushes as needed	DS
E-12	Inspect fuel pump (clean and replace brushes as needed)	DS
E-13	Check battery charging voltage and adjust to min-72v max-74 v	TH
E-14	Inspect high voltage switch gear	TH
E-15	Test operation of emergency fuel shut offs (all stations)	TH
E-16	Check for low voltage grounds (using test light)	TH
E-17	Lubricate pneumatic reverser (if applicable)	TH

*****MECHANICAL*****

M-1	Inspect fuel tank, piping and pump for leaks	DS
M-2	Renew all carbody filters	N/A
M-3	Renew all engine air intake filters	LM
M-4	Renew air comp. air intake filter	DS
M-5	Renew Pri. fuel filters	DS
M-6	Renew sec. fuel filters	DS
M-7	Renew machine lube oil filters	DS
M-8	Check for deposits in bottom of lube oil strainer housing, clean and replace strainers	DS
M-9	Check torque of engine, main gen. Air comp. base bolts	TH
M-10	Clean spark arrestors, ensure covers are tight	N/A
M-11	Renew damaged or missing belts (traction motor blowers, cooling fans)	TH
M-12	Inspect and lubricate shutters	TH
M-13	Take lube oil sample	TH
M-14	Drain condensate from main reservoirs, make sure drain valves are working	TH
M-15	With engine idling, check engine, radiators, shutters, air comp. & all other rotating equip. (report any defects)	TH
M-16	With engine idling, check all fluid levels (eng. Air comp, gov.) (add if needed)	TH
M-17	Check engine protector and low oil button	N/A
M-18	Check cooling system for leaks and water treatment (ad as needed)	TH

*****AIR BRAKE*****

A-1	Test air brake gauges	JB
A-2	Perform operational air brake test	TH
A-3	Test entire brake system	TH
A-4	Inspect and lubricate hand brake, test application and release, record on back of blue card	TH
A-5	Test main reservoir safety valves	TH
A-6	Check operation of emergency brake valve	TH

*****TRUCKS*****

T-1	Measure wheels, coupler slack, coupler ht, and pilot ht and record on wheel data sheet	TH
T-2	Visually inspect condition of wheels, trucks and associated parts	TH
T-3	Visually inspect foundation brake gear	TH
T-4	Visually inspect hand brake chain and pulley	TH
T-5	Visually inspect couplers and draft gear assemblies	TH
T-6	Lubricate traction motor gears as required	DS
T-7	Check for water (ice in winter) in support bearing boxes, drain off water and fill as required	TH
T-8	Check for water (ice in winter) in journal boxes, drain off water and fill as required	N/A
T-9	Check trucks and associated parts (springs, wear plates, journal boxes, air ducts, hoses, pipes, etc.	TH
T-10	Side bearing clearance	TH
T-11	Check uncoupling device	TH
T-12	Test sander operation	TH
T-13	Inspect and adjust piston travel	TH
T-14	Inspect all brake and "MU" hoses	TH

*****SIGN BLUE CARD*****

*****NOTES*****

NO FIRE EXTINGUISHERS

ENG SIDE REAR TOP GLASS BROKEN

AIR COMPRESSOR VERY SLOW PUMPING

batteries b/o (repaired)

hot start seal and clamp b/o (repaired)

bent brake rigging (repaired)

insp cover gaskets b/o (repaired)

RH water pump leaking (repaired)

alarm bell b/o (repaired)

engine oil low (repaired)

rear fireman side ditch light b.o (repaired)

front fireman side wiper b/o (repaired)

engineer side cond valve b/o (repaired)

emergency fuel shut off b/o (repaired)

R4 wheel flange is 63/64"

Signed: D Sandefur