



65

Locomotive Release from Shop Form
To be completed on every engine released from the Shop

I have reviewed the work packet for locomotive 5018 on this date 10-12-10 and take no exception to applicable laws, rules and or MMA standards, policies and standards.



UNIT 5018

DATE 10-18-10

Service Operations

THROTTLE 8 INBOUND LOAD TESTS

Eng RPM (900)	EMD	_____	Lube Oil Pres	_____
Eng RPM (1050)	GE	_____	Water Temp	_____
Horsepower		_____	Overspeed Setting	_____
Volts (5.3)	B-23	_____	RACK SETTING	_____
Volts (7)	C-30	_____		
Volts (720)	B-39	_____		


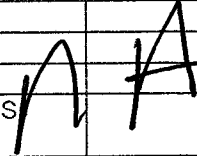
n/a

THROTTLE #1 STALL TEST

OP Mode	(PWR)	_____	
AMPS	(300)	_____	
MGA	(1220)	_____	NOT APPLICABLE TO B-23 AND C-30
Charging Rate	(70v)	_____	

TL 24T

Throttle 1	(1V)	_____
Throttle 2		_____
Throttle 3		_____
Throttle 4		_____
Throttle 5		_____
Throttle 6		_____
Throttle 7		_____
Throttle 8	(72V)	_____

		REVISION: REVISION DATE: 06/22/2010 ISSUED BY: T. A. Scalia
		B-23, B-39, C-30, GP-7 UNSCHEDULED
<i>In-Bound Or Running Electrical</i>		UNIT: 50K
ITEM	ELECTRICAL	WORKED BY:
	ONLY INBOUND LOAD BOX A SWITCHER IF IT'S NECESSARY AND REPORTED WITH LOADING ISSUES. OTHERWISE THE LOAD BOX ON A SWITCHER WILL BE DONE ON THE OUTBOUND	
	REVIEW COMPUTER ARCHIVE DATA AND NOTE ON DEFECT SHEETS IF APPLICABLE	
	NOTE SIGNIFICANT FAULTS ON DEFECT SHEETS.	
	DOWNLOAD & TEST EVENT RECORDER SYSTEM,	
	TEST RADIO ANTENNA WITH MFJ-269 ANALYZER	
	CLOSELY INSPECT THE HEAD END DEVICE CONNECTOR. ENSURE IT IS TIGHTLY CONNECTED AND NOT CROSS THREADED	
	PERFORM ALL LOCOMOTIVE SELF TEST FUNCTIONS	
	B. CHECK FOR AC GROUNDS IN COOLING FAN CIRCUIT WITH TEST LIGHT (30 watt bulb) ONLY APPLIES TO GP-7.	
	CHECK OPERATION OF GROUND RELAY	
	(TEST THREE TIMES TO VERY LOCK-OUT)(DYNAMIC & POWER)	
	CHECK FOR LOW VOLTAGE GROUNDS (7 watt bulb)	
	WHILE IN THROTTLE 3 LOAD TEST, CHECK FOR AC GROUNDS. DOES NOT APPLY TO C-30, B-23 AND B-39.	
	CHECK OPERATION OF:	
	A. HEATING	
	B. WINDSHIELD HEATERS/DEFOGGER (SEPTEMBER - FEBRUARY)	
	CHECK OPERATION OF ALERTNESS DEVICES	
	CHECK OPERATION OF ALL EMERGENCY FUEL SHUTOFF DEVICES	
	A. EMERGENCY FUEL CUTOFFS	
	B. MU ENGINE STOP	



B-23, B-39, C-30, GP-7 UNSCHEDULED

UNIT:

5018

ITEM	<i>In-Bound Or Running Mechanical</i> MECHANICAL	WORKED BY:
	INSPECT ENGINE OVERHEAD (WITH ENGINE AT IDLE):	
	PROPER LUBRICATION? FUEL LEAKS? CAM ROLLER ROTATION? ETC.	
	INSPECT FUEL SYSTEM HOSES AND PIPES FOR LEAKS	
	INSPECT COOLING SYSTEM:	
	A: CHECK HOSES AND PIPES FOR LEAKS	
	VISUALLY INSPECT AIR COMPRESSOR FOR WATER, AIR OR OIL LEAKS	
	TEST AIR BRAKE EQUIPMENT PER RULE 212	
	PERFORM PENALTY BRAKE TEST	
	CHECK FLUID LEVELS BEFORE LOADING:	
	A: ENGINE OIL	
	B: COOLING WATER	
	C: AIR COMPRESSOR OIL	
	TEST OPERATION OF THE FOLLOWING DEVICES:	
	A. BELL	
	B. SANDERS (FORWARD, REVERSE, EMERGENCY)	
	C. RADIATOR SHUTTERS	
	INSPECT AIR COMPRESSOR GOVERNOR SETTING. 135 TO 145 PSI	
	INSPECT SAFETY POP. 155 PSI	

AA



M Cochran

English

B-23, B-39, C-30, GP-7 UNSCHEDULED

UNIT: *5015*

Out-Bound Loadtest Electrical/Mechanical

WORKED

ITEM		BY:
	MECHANICAL	
	INSPECT ENGINE OVERHEAD (WITH ENGINE AT IDLE):	<i>MC</i>
	PROPER LUBRICATION? FUEL LEAKS? CAM ROLLER ROTATION? ETC.	<i>MC</i>
	INSPECT FUEL SYSTEM HOSES AND PIPES FOR LEAKS	<i>MC</i>
	INSPECT COOLING SYSTEM:	
	A: CHECK HOSES AND PIPES FOR LEAKS	<i>MC</i>
	VISUALLY INSPECT AIR COMPRESSOR FOR WATER, AIR OR OIL LEAKS	<i>MC</i>
	TEST AIR BRAKE EQUIPMENT PER RULE 212	<i>M.C.</i>
	PERFORM PENALTY BRAKE TEST	<i>MC</i>
	CHECK FLUID LEVELS BEFORE LOADING:	
	A: ENGINE OIL	<i>MC</i>
	B: COOLING WATER	<i>MC</i>
	C: AIR COMPRESSOR OIL	<i>MC</i>
	INSPECT SAND TRAP, NOZZLES, HOSES AND BRACKETS	<i>MC</i>
	TEST OPERATION OF THE FOLLOWING DEVICES:	
	A. BELL	<i>MC</i>
	B. SANDERS (FORWARD, REVERSE, EMERGENCY)	<i>MC</i>
	C. RADIATOR SHUTTERS	<i>MC</i>
	ELECTRICAL	
	CHECK FOR LOW VOLTAGE GROUNDS (7 watt bulb)	<i>MC</i>
	IF A TRACTION MOTOR WAS REPLACED, ROLL TEST THE LOCOMOTIVE TO ENSURE THE TM LEADS ARE PROPERLY HOOKED UP	<i>MC</i>
	WHILE IN THROTTLE 3 LOAD TEST, CHECK FOR AC GROUNDS. DOES NOT APPLY TO C-30, B-23 AND B-39.	<i>MC</i>
	CHECK OPERATION OF:	
	A. HEATING	<i>MC</i>
	COMPLETE THE LOAD TEST SHEETS	<i>MC</i>
	INSPECT AIR COMPRESSOR GOVERNOR SETTING. 135 TO 145 PSI	<i>MC</i>
	INSPECT SAFETY POP. 155 PSI	<i>150 PSI MC</i>



UNIT 3818

Service Operations

DATE 10-13-10

THROTTLE 8 OUTBOUND LOAD TESTS

Eng RPM (900)	EMD	_____	Lube Oil Pres	_____
Eng RPM (1050)	GE	_____	Water Temp	<u>180</u>
Horsepower		<u>2780 Hp</u>	Overspeed Setting	<u>1050</u>
Volts (5.3)	B-23	_____	RACK SETTING	<u>19.5</u>
Volts (7)	C-30	<u>6.51</u>		
Volts (720)	B-39	_____		

THROTTLE #1 STALL TEST

OP Mode	(PWR)	_____	
AMPS	(300)	_____	
MGA	(1220)	_____	NOT APPLICABLE TO B-23 AND C-30
Charging Rate	(70v)	<u>73V</u>	

TL 24T

Throttle 1	(1V)	_____
Throttle 2		_____
Throttle 3		_____
Throttle 4		_____
Throttle 5		_____
Throttle 6		_____
Throttle 7		_____
Throttle 8	(72V)	_____

$$\begin{array}{r}
 427 \\
 \underline{6.3} \\
 1281 \\
 \underline{25020} \\
 2630.1 \\
 \underline{1.3} \\
 427 \\
 \underline{6.5} \\
 2185 \\
 \underline{25120} \\
 27805
 \end{array}$$

Unit: 5018

Date: 10-11-10

DEFECTS FOUND DURING INSPECTION

DEFECT	<u>NOT maintaining</u>	INSPECTED BY:	<u>M. Colley</u>
REPAIR	<u>Replaced P2A</u>	CORRECTED BY:	<u>M. Colley</u>

DEFECT	<u>Air leak on A1 Charging</u>	INSPECTED BY:	<u>M. Colley</u>
REPAIR	<u>fixed leak</u>	CORRECTED BY:	<u>M. Colley</u>

DEFECT	<u>Outside of Unit all oil</u>	INSPECTED BY:	<u>MC/KH</u>
REPAIR	<u>Washed unit</u>	CORRECTED BY:	<u>MC/KH</u>

DEFECT	<u>Front Sanders Plugged</u>	INSPECTED BY:	<u>MC</u>
REPAIR	<u>unplugged</u>	CORRECTED BY:	<u>MC/Jan</u>

DEFECT	<u>no sand in Front</u>	INSPECTED BY:	<u>MC</u>
REPAIR	<u>Sanded unit</u>	CORRECTED BY:	<u>MC</u>

1 Bad Brake Shoe

MC

Changed shoe

MC

Description of Work Performed

Locomotive ID _____

Time Started _____

Time Finished _____

