



Locomotive Release from Shop Form

To be completed on every engine released from the Shop

I have reviewed the work packet for locomotive 5016 on this date 3-27-11 and take no exception to applicable laws, rules and or MMA standards, policies and standards.



Service Operations

UNIT _____

DATE _____

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	_____		

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)	_____



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

UNIT:

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

Toilet needs to be dumped. - D. BLACK

ADDED (4) Brake shoes and Brake BAR to unit
3-28-11 GB/DB



UNIT 5016
 DATE 3/28/11

Service Operations

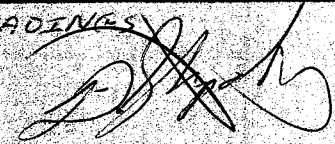
THROTTLE 8 OUTBOUND LOAD TESTS

Eng RPM (900)	EMD	_____	Lube Oil Pres	_____
Eng RPM (1050)	GE	_____	Water Temp	<u>145°F</u>
Horsepower		<u>2910.24</u>	Overspeed Setting	_____
Volts (5.3)	B-23	_____	RACK SETTING	<u>-NA-</u>
Volts (7)	C-30	<u>6.88</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>73-4V</u>	

TL 24T

Throttle 1	(1V)	<u>.13</u>	OUTBOUND MP CARD READINGS 
Throttle 2		<u>.53</u>	
Throttle 3		<u>1.38</u>	
Throttle 4		<u>2.22</u>	
Throttle 5		<u>3.40</u>	
Throttle 6		<u>4.38</u>	
Throttle 7		<u>5.80</u>	
Throttle 8	(72V)	<u>6.88</u>	

C.C.P.'s Check Base For Pressure on out Board

Unit: 5016

Date: 3-27-11

DEFECTS FOUND DURING INSPECTION

DEFECT	<u>#4 gearcase Broken Bolts</u> <u>Hole too deep. no threads left.</u> <u>Ring Behind pinion Broken loose</u>	INSPECTED BY:	<u>Jb</u>
REPAIR	<u>Replaced #4 motor. w/ NEWES</u> <u>TURNED wheel 1/2 INSTALLED</u>	CORRECTED BY:	<u>Jb/mc</u>

DEFECT	<u>Air line TO cyl on #2 TRACK</u> <u>broken</u>	INSPECTED BY:	<u>Jblack</u>
REPAIR	<u>Repaired Air line</u>	CORRECTED BY:	<u>MC/gjs</u>

DEFECT	<u>left Rear Brake cyl missing Bolts</u>	INSPECTED BY:	<u>Jb</u>
REPAIR	<u>Replaced Bolts</u>	CORRECTED BY:	<u>Jb</u>

DEFECT	<u>spring cover on #5 T.M case</u> <u>MISSING</u>	INSPECTED BY:	<u>Jblack</u>
REPAIR	<u>Replaced cover</u>	CORRECTED BY:	<u>Jblack</u>

DEFECT	<u>unit low on water.</u>	INSPECTED BY:	<u>Jb</u>
REPAIR	<u>filled with water</u>	CORRECTED BY:	<u>Jb</u>

Unit:

5016

Date:

3-27-11

DEFECTS FOUND DURING INSPECTION

DEFECT # R-17 power Assembly Exhaust Valves out of Adj.	INSPECTED BY: TRG
REPAIR Re-set Valves on R-17	CORRECTED BY: J. Blad

DEFECT _____	INSPECTED BY: _____
REPAIR _____	CORRECTED BY: _____

DEFECT _____	INSPECTED BY: _____
REPAIR _____	CORRECTED BY: _____

DEFECT _____	INSPECTED BY: _____
REPAIR _____	CORRECTED BY: _____

DEFECT _____	INSPECTED BY: _____
REPAIR _____	CORRECTED BY: _____

