WHEEL & TRUCK REPORT

Locomotive: 6076 **Date:** 5/5/17 **Employee:** MATT LYNN

	Wheel Thickness (229.75(j))	Flange Height (229.75(h))	Flange Thickness (229.75(f))	Witness Reading (229.73)	Shims Installed (229.73(b))	Pedestal Jaw Wear	Tread Wear (229.75(g))	Side Bearing Clearance (229.69(b))	
L#1	34	0/17	0-0	23	NO	0	Ø	RF	1/2
L#2	30	0/19	0-0	20	NO	1/2	1/8	LF	1/2
L#3	27	0/22	0-4	18	NO	1/4	3/16	RR	1/4
L#4	28	0/18	0/0	18	NO	1/4	1/8	LR	1/4
L#5	24	0/19	0/0	14	NO	1/4	1/8	Wear Limits 5/32"min - ¼" max each side, ½" total both sides	
L#6	32	0/17	0/0	22	NO	1/8	Ø		
R#1	34	2/17	0/0	24	NO	1/8	Ø		
R#2	28	2/19	0/0	18	NO	1/2	1/16	Horizontal Handholds FRA Min. Height 30" 30" W/High Snow Plow (221.30)	
R#3	28	0/19	0/3	18	NO	1/4	1/8		
R#4	27	0/18	0/0	17	NO	1/4	1/8		
R#5	24	0/19	0/0	14	NO	1/4	1/16	Rail Clearance FRA Min. 2-1/2" (229.71) Vertical Hand-hold Clearance FRA 2-1/2"	
R#6	32	0/17	0/0	22	NO	1/4	Ø		
Wear Limits	17/16" MIN	23/16" MAX	15/16" MIN		8/16" MAX	8/16"	5/16" Max		
FRA Limits	16/16"	24/16"	14/16"				5/16"		

	Coupler Slack (229.61(a)(2)(4))	Coupler Height (232.2)	Pilot Height (229.123)	Coupler Swing		Condition of Springs (229.65)			
						Front		Rear	
Front						L	OK	L	OK
Rear									
Wear Limits	8/16	31 ½" 34 ½"	3" 6"	8"	MIN MAX	R	OK	R	OK

Wheel Sets (FRA Part 229.73)

- (229.73(a)) Variation between wheels on the same axle may not exceed 4/16" when applied or turned.
- (229.73(b)) Variation between wheel diameter on the same SD truck may not exceed 12/16" without shims and 20/16" with shims.
- (229.73(b)) Variation between wheel diameters on different SD trucks may not exceed 20/16".

Conversion for Flange Height		Conversion for Flange Width	
0 – 0 = 17/16	0 – 5 = 21/16	0 – 0 = 20/16	0 – 7 = 16/16
0 – 1 = 18/16	0 – 6 = 22/16	0 – 2 = 19/16	0 – 8 = 15/16
0 – 2 = 19/16	4 – 6 = 23/16	0 – 4 = 18/16	0 – 9 = 14/16
0 – 4 = 20/16	8 – 6 = 24/16	0 – 5 = 17/16	

Supervisor: _____

- Engine Airbox Inspection Report

Company: --
Location:
Unit No.: 6076
Type: SD
Date: 5/5/17

Engine Type: 16-645-E3C
Engine Serial: 73-F1-1029
Right Blower:
Left Blower:
Blower Cantamination: Oil, aluminum, etc.
Does the blower turn:

Turbo duct Right Bank: OK
Turbo duct Left Bank: OK
Water jumpers: large | small
Block damage: NO
Build up in air box: NO

Cylinder Number	Liners: #1 Ring Side Clearance (Tande)	Liners: Ring Defects	Liners: Liner Condition	Piston: Piston type	Piston: 1st Lead	Piston: 2nd Lead	Piston: If needed
1	.007	NONE	OK CAST	E3-C			
2	.009		OK CAST				
3	.007		OK CAST				
4	.007		OK CAST				
5	.008		OK CAST				
6	.007		OK CAST				
7	.008		OK CAST				
8	.008		OK CAST				
9	.009		OK CAST				
10	.006		OK CAST				
11	.007		OK CAST				
12	.007		OK CAST				
13	.007		OK CAST				
14	.006		OK CAST				
15	.007		OK CAST				
16	.007		OK CAST				
17							
18							
19							
20							
Limits=	Chrome-19 Cast- 30		Consult MWL air box book for defects for liner condition	3 rings- 567 A-C 4 rings- 645 E-G 3/4" top ring- E 1 1/4" top ring- E-3			

TO MUCH Carbon TO VERIFY

Locomotive Data Sheet

Locomotive # 6076 **Date:** 5/5/17 **HR Meter Reading:** N/A

Description	Manufacturer	Model	S/N	Comments
Locomotive	EMD	SD-40-2		
Diesel Engine	16-645-E3C → ← NREC		73-F1-1029	
Diesel Engine Governor	WOODWARD	933A838	7911202	#Pins 16
Air Compressor	Gardner Denver	20WL013		High or Low Base
Air Compressor Governor				
Main Generator	EMD	D-14	19811	
Aux Generator	EMD	18 KW	NOT Legible	
Alternator				
Remote Control System	NO REMOTE	Has Q TRON SYSTEM		MU or Fixed
Turbo	GE	9525597	07/63/T60603	

Consumables:		
Fuel Suction Filter	P/N NA	Quantity:
Fuel Primary Filter	P/N C-12	Quantity: 1
Fuel Secondary Filter	P/N FS-25	Quantity: 2
Lubricating Oil Filter	P/N C-12	Quantity: 7
Diesel Engine Intake Filter	P/N EG-2	Quantity: 4
Air Comp. Intake Filter	P/N PA1777	Quantity: 1
Air Comp. Oil Filter	P/N BT-267	Quantity: 1
Brake Shoes	P/N V-330	Quantity: 12

Turbo Lube TL-2FSO "1" TL-3FSO "1"

Truck Type: #1 _____
#2 _____

Traction Motor Model: #1 D-78 S/N 84A2146S4AER
#2 D-78 S/N 08H34774C
#3 D-78 S/N 09A34703B
#4 D-78 S/N 09B3465 1B
5 D-78 S/N 15E43121PP
6 D-78 S/N 07C34610

Axle Journal Size: 6½ X 12 HYATT
#1Truck Roller Bearing _____ Friction Bearing _____
#1Truck Roller Bearing _____ Friction Bearing _____

Air Brake System: 14EL _____ #6 _____ 24RL _____
26L X 26NL _____ Other _____

Control Stand Style: Round or (Square)

Brake Cylinder: Size UNDER HUNG Packing Style: Cup or Ring

Locomotive Data Sheet

Batteries: 19 Plate_____ 25 Plate_____ Unitize X

Contactors: Electric X Pneumatic_____ SD-2 System

Load Regulator: Pancake:_____ Commutor:_____

EMD Radiators: 4"_____ 6" X

Belts	Front TM Blower	Rear TM Blower	Cooling Fan	Aux. Gen
Quantity	X	X	X	X
Size				

Brake Straps: 2 Hole X ~~3 Hole~~ Single Class

MU: (Yes) _____ No:_____

Top Deck Seals: Round or (Square)

Engine Inspection Covers: (Round) or Square

Completed By: [illegible] _____ **Date:**_____

Approved By: _____ **Date:**_____