

# RRV 12 MONTHLY INSPECTION FORM

Examine / Check / Test each item listed below (use machine specific service manual & maintenance plan for information regarding inspection procedures and criteria). Indicate in the appropriate space below as each item has been performed. If the item is not found acceptable, describe each discrepancy in the comment space on the rear. Take immediate action to correct all discrepancies or remove machine from service.

Confirm Maintenance Plan Used

Giga SPMM 0007 Iss 2	Dozer SPMM 0006 Iss 3	TD12 SPMM0005 Iss 3 / 4	Dumper SPMM 0003 Iss 1
CX135 SPMM 0004 Iss 1	Evo MEWP SPMM 011 Iss2	PC128 SPMM 0010 Iss 1	924 Rail-1191 Iss 3 Rev Shovlin
Case SPMM 0001 Iss 3	Case SPMM 0001 Iss 4	Case SPMM 0001 Iss 5	Case SPMM 0001 Iss 6 <input checked="" type="checkbox"/>

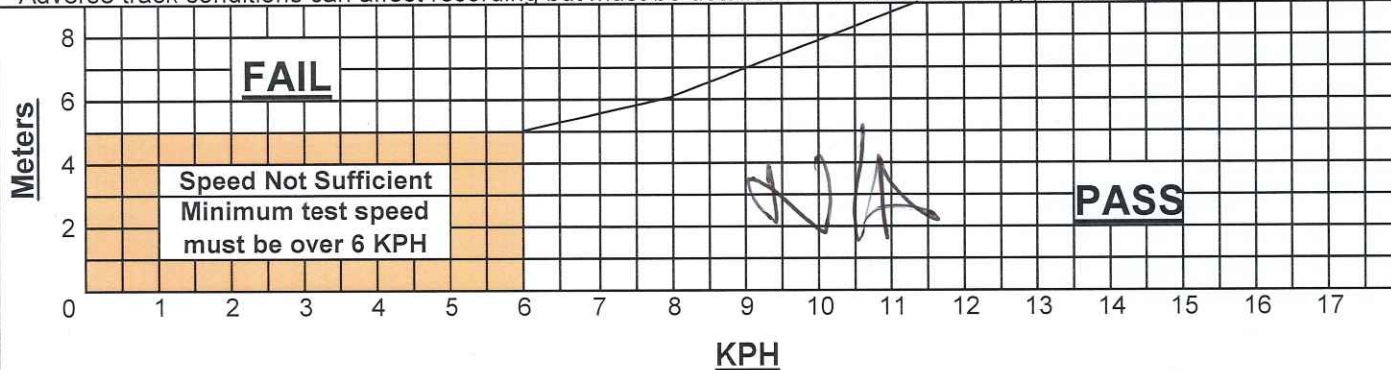
Current Hours	12515	Plant Number	MUSI
Machine Make & Type	CASE 988	Serial Number	CG60237369

Item	Inspection / Check Detail	Result X - ✓ - N/A
1	All pre start checks	
2	Grease and lubricate as per maintenance plan	
3	All fluid levels correct, hydraulic, batteries, brake etc. Check for leaks.	
4	Hydraulic cylinders, pivot pins, pivot points and hoses - Examine	
5	Steering locks - Check	
6	Trailer park brake pressure - Check/record pressure	
7	Service brake filter element - Renew	
8	Brake system general - Check	
9	Service brake - Test ( 3 dynamic tests or pull tests or torque hub test)	
10	Service brake pressure - Check/record pressure	
11	Rail wheel brake system - Examine	
12	Parking brake - Test	
13	Wheel nuts - Check	
14	Rail wheels - Check / Examine Complete SP WIRS 01	
15	Rail wheels back to back - Check measurements ( 1358 - 1363 )	
16	Rail wheel bearings - Check (spin / lift test)	
17	Rail wheel bearings - Examine if fault found during spin / lift test	
18	Traction hubs - Check	
19	Road wheels and tyres - Examine	
20	Tyres to rail wheel interface-Examine	
21	Rail bogie / axle pivots and trunnion - Examine	
22	Rail bogies / axles - Examine	
23	Rail axle interlocks - Test ( adjust if required )	
24	Dozer front bogie / trolley - Check	
25	Dozer front bogie / trolley brake pads - Check	
26	Dozer front bogie / trolley brake - Check	
27	Emergency recovery system operation - Test	
28	Operation of all lights - Check / Examine	
29	Operation of horn - Check / Test Complete Horn and RCI Sounder Test Results Sheet SP-HT 01	
30	Glass and wipers - Check	
31	Safety labels - Check	
32	Recovery tow bar and hitches condition and security - Check	
33	Underframe and super structure - components and welds - Check	
34	Slew locks - Check	
35	Rated capacity indicator - Test and complete data download ( record results on LAFT form and attach )	
36	Visibility of paintwork and overall appearance, including yellow panels - Check	
37	Trailer brake away siren - Test	
38	Electrical components / connections / wiring - Check	
39	Ballast weight - Check	
40	Earth bond cables - Test and Examine using Resistance Ohmmeter 622424	
41	Check valves - Check	
42	Fire extinguisher - Examine	



Item	Inspection / Check Detail	Result X - ✓ - N/A
43	LOLER cert / lifting accessories and safety devices - Check	✓
44	Auxiliary lifting point/s (if fitted) and decals - Examine	✓
45	Quick hitch - Examine if fitted	N/A
46	Machine cab file - Check	✓
47	Tracks / running gear - Check	✓
48	ALO device / Duel height limiter - Test and Examine	✓
49	Rail head scrapers - Examine	✓
50	Overload sounders - Check Complete Horn and RCI Sounder Test Results Sheet SP-HT 01	✓
51	Camera system - Check	✓
52	Basket and harness points - Examine	N/A
53	Torque hub brake adaptors - Examine	✓
54	Air Brake Pressure Check - Record Pressure	✓

Record details of Static Brake Test torque test readings for Service Brake (SB) and Park Brake (PB) per wheel or alternatively, if conducting on track testing, of three stopping distances on chart below. If any recording differs by 10% from the previous test then investigate / retest. If any recordings are in the fail section investigate and then retest. Adverse track conditions can affect recording but must be detailed / recorded accordingly. Chart data derived from RIS



#### CALIBRATED TOOLS USED

Type	Serial Number	Date
AIRLINE GAUGE	3114230	11.23
TORQUE WRENCH	791078961396	11.23
MEGA METER	622424	5.24
HYDRAULIC CLOCK	34128566	11.23

#### Comments / Additional Work - Checks

##### EARTH BOND TEST RESULTS

Dipper End to Left Rail 0.1941mΩ  
Dipper End to Right Rail 1.3914mΩ

MACHINE IN GOOD ORDER  
Aux Lift Point in good condition  
Brakes tested as per service plan

I certify the above checks / examinations have been conducted and any corrective actions required have been completed and recorded.

Signed

Print

Date completed 25.7.23

# SHOVLIN PLANT

HIRE LIMITED

## RAIL WHEEL BRAKING TORQUE TEST

Date:	25.7.23		
Machine:	CASE 988		
Serial No:	CGG0231369	Location:	YARD
Plant No:	MOSI	Hours:	12515

Inspection Point	Inspection Limits	Pass	Fail
Brake Pad Wear	Minimum 3mm	/	
Brake Pad Damage	None allowed	/	
Contamination	None allowed	/	
Brake Pad Adjustment	1mm	/	
Floating Pins	Clean and lubricate with graphite grease	/	
Hydraulic Hoses / Fittings	Check for damage / leaks	/	
Brake Disc Protection	Check for damage / security	/	
Brake Discs	Check for damage / security	/	
Fixing / Fasteners	Check for damage / security	/	
Torque limits	See back of sheet for required limits		

For AJH brake systems, refer to AJH097 for torque test requirements

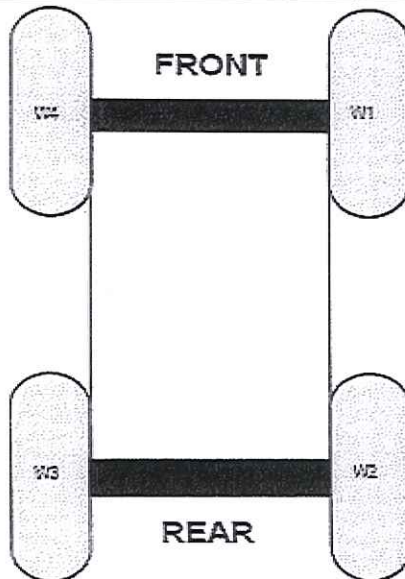
Where OEM torque test figures are not available, the following should be used:

Park Brake (Nm) =  $\frac{\text{Machine Weight (Kg)}}{20}$  Minimum Park brake required:

Service Brake (Nm) =  $\frac{\text{Machine Weight (Kg)}}{10}$  Minimum Service brake required:

Equipment to be used:	TORQUE WRENCH	ID No:	79167896B96	Cal Exp Date:	11.23
Equipment to be used:	ENGINE PAK MULTI	ID No:	130086	Cal Exp Date:	11.23

Park Brake:  
1350nm  
Service Brake:  
1684nm  
Pass / Fail



Park Brake:  
1350nm  
Service Brake:  
1684nm  
Pass / Fail

Park Brake:  
1350nm  
Service Brake:  
1684nm  
Pass / Fail

Park Brake:  
1350nm  
Service Brake:  
1684nm  
Pass / Fail

As the engineer responsible for executing this testing, I confirm that I have used calibrated equipment and had the relevant training. Prevailing weather conditions did not affect the outcome of this test.

Engineer: D. SCMOFIELD Signed: [Signature]

As an Approver of Shovlin Plant I confirm that this inspection/test was executed by a suitably qualified service engineer.

Approver: Signed:

