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 2		Dumper SPMM 0003 Iss 1	
CX135 SPMM 0004 Iss 1		Evo MEWP SPMM 011 Iss1		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	

Current Hours	4698	Plant Number	2228
Machine Make & Type	TEREX GIGA RANGER	Serial Number	1805301208

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 - Test using Hyd gauge number 441RF2 or ~~86756~~	✓
7	Service brake filter element - Renew	N/A
8	Brake system general - Check	✓
9	Service brake - Test (3 dynamic tests or pull tests or torque hub test)	✓
10	Service brake pressure - Test using Hyd gauge number 441RF2 or ~~86756~~	✓
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	N/A
19	Road wheels and tyres - Examine	✓
20	Tyres to rail wheel interface - Examine and confirm squeeze measurement - 18 - 25mm	✓
21	Rail bogie / axle pivots and trunnion - Examine	✓
22	Rail bogies / axles - Examine	✓
23	Rail axle interlocks - Test (adjust if required)	N/A
24	Dozer front bogie / trolley - Check	N/A
25	Dozer front bogie / trolley brake pads - Check	N/A
26	Dozer front bogie / trolley brake - Check	N/A
27	Emergency recovery system operation - Test	✓
28	Operation of all lights - Check / Examine	✓
29	Operation of horn - Check / Test	✓
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	✓

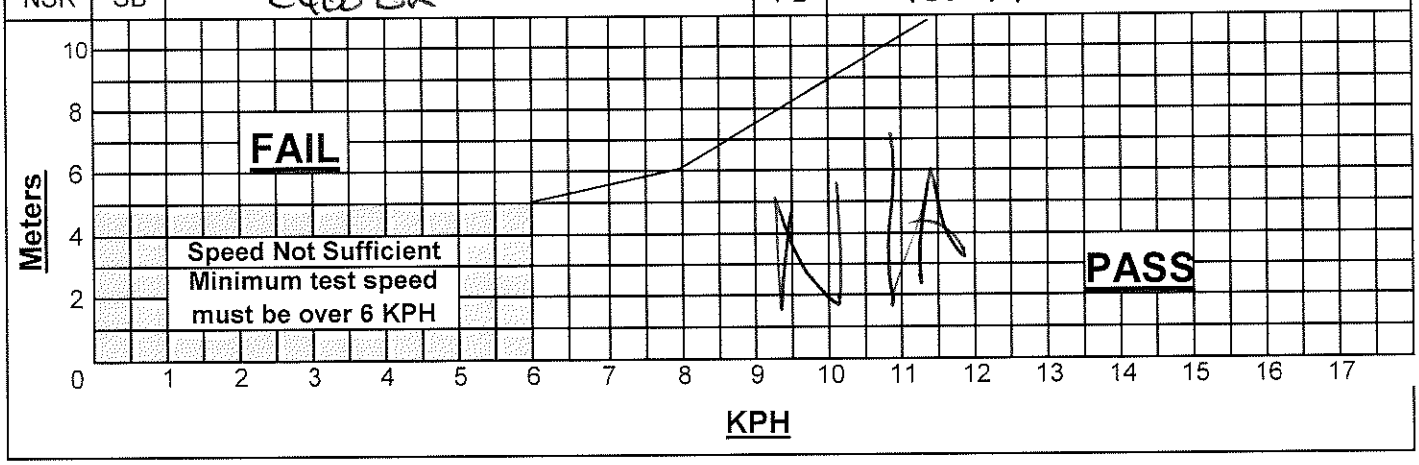
Item	Inspection / Check Detail	Result X - ✓ - N/A
43	LOLER cert / lifting accessories and safety devices - Check	✓
44	Auxiliary lifting point/s (if fitted) and decals - Examine	✓
45	Quick hitch - Examine if fitted	✓
46	Machine cab file - Check	✓
47	Tracks / running gear - Check	✓
48	ALO device / Duel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

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 Equipment Serial Number	Torque multiplier E393	Torque wrench 79128302646	Load cell TM755

Static Service Brake Test Result = SB Park Brake Test Result = PB

OSF	SB	2400 Nm	PB	1500 Nm
OSR	SB	2400 Nm	PB	1500 Nm
NSF	SB	2400 Nm	PB	1500 Nm
NSR	SB	2400 Nm	PB	1500 Nm



Comments / Additional Work - Checks

Brakes tested as per servicing plan

Aux lifting hook in good condition

Machine in good order

EARTH BOND TEST RESULTS

Dipper End to Left Rail 2.8176mΩ

Dipper End to Right Rail 3.9162mΩ

Maximum Reading Permmited 0.0037Ω

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

Signed

Print D. Schofield

Date completed 17.5.21