

SHOVLIN PLANT

HIRE LIMITED

RAIL WHEEL BRAKING TORQUE TEST

Date:	18-2-26		
Machine:	REXQUOTE T4 TRAILER		
Serial No:	T4 1846	Location:	YARDS
Plant No:	1846	Hours:	N/A

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:	XK18847	Cal Exp Date:	7-1-27
Equipment to be used:	TORQUE MULTI	ID No:	130086	Cal Exp Date:	7-1-27

Park Brake: 1655Nm Service Brake: 2646Nm Pass / Fail <u>Fail</u>		Park Brake: 1655Nm Service Brake: 2646Nm Pass / Fail <u>Fail</u>
Park Brake: N/A Service Brake: N/A Pass / Fail <u>N/A</u>		Park Brake: N/A Service Brake: N/A Pass / Fail <u>N/A</u>

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. Schiofiero Signed: *[Signature]*

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

Approver: J Shovlin *[Signature]* Signed: *[Signature]*

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Torque Limits

	Park Brake (Nm)	Service Brake (Nm)
Case 988	1350Nm	1684Nm
Giga Railer	1330Nm	2362Nm
Liebherr	1250Nm	2500Nm

	Park Brake (kgF)	Service Brake (kgF)
TD12-1512	1480 kgF	2970 kgF
Other TD12s	1000 kgF	1600kgF