

JOB NUMBER
37603

QMF 65

Road/Rail MEWP Braking Test

Machine Type	NIFTY AR17	Date	29/6/2011
Serial No	509FB032	Next Test Due	28/6/2012
Fleet No	FR1312	NB: RRVs are 12 monthly 1914 hours	

Perform All Tests

Test 1: SERVICE BRAKE TEST

Carry out on level track with the maximum trailing load behind the RRV as referenced in the Engineering Acceptance Certificate. Repeat at the same speed 3 or 4 times:

	Speed (kph)	Stopping Distance (m)
1	5	1.0
2	9.5	3.0
3	9.5	2.9
4	16	7.5

Trailing Load behind RRV (if applicable):	N/A	kg
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What was the condition of the track? DRY
(Wet, dry, icy, gradient?, oil/grease?, cant etc.)

For guidance, the following maximum stopping distances should NOT be exceeded:

Speed (kph)	Stopping Distance (m)
8	6
16	18
24	36
32	60

Test 2: PARK BRAKE TEST

To be measured EITHER using a load cell on level track and noting the reading at the point when slippage occurs OR placing the machine on a track with a 1:29 gradient, the brakes should hold. If using a load cell then the following reading should be achieved.

RRV Type	Min Load	RRV Type	Min Load
CX135	550kg	12m Genie	340kg
988 Mega	817kg	20m Genie	604kg
988 Super	667kg	LH Skyboom	424kg
PC138	584kg	AR14	480kg
Gigarailer	1011kg	AR17	492kg
Mecalac 14	660kg		

FR 3003

Load Cell Reading: 1240 kg

Result PASS FAIL

Test 3: RAIL AXLE BRAKE TEST

To be carried out exactly as above but with road wheels NOT in contact with either the ground or the rail wheels, track gradient or load cell readings as above.

Result PASS FAIL

Tested By: N. P. A. T. T. (Signature)

N. P. A. T. T. (Print Name)