

Uncontrolled When Printed

QMF 65

**Road/Rail MEWP Braking Test**

Machine Type	<u>Nifty 17</u>	Date	<u>07-12-11</u>
Serial No	<u>2091</u>	Next Test Due	<u>06-12-12</u>
Fleet No	<u>FR 1319</u>	NB: RRVs are 12 monthly	

**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	<u>8 kph</u>	<u>1-8 m</u>
2	<u>14 kph</u>	<u>5-1 m</u>
3	<u>18 kph</u>	<u>7-7 m</u>
4	<u>not</u>	<u>achieved</u>

Trailing Load behind RRV (if applicable): <u>n/a</u> kg
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What was the condition of the track? .....  
(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		

*passed on gradient test*

Load Cell Reading: n/a 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: D. Tighe (Signature)

D. Tighe (Print Name)