✓AS

QMF 63

Road/Rail Vehicle Braking Test

Machine Type	CASE 135CX	Date	05-05-11
Serial No	1902	Next Test Due	04-05-12
Fleet No	FR 650		

NB: RRVs are 12 monthly

PERFORM ALL TESTS

Test 1: SERVICE BRAKE TEST

The following distances are to be measured at the machines top speed, using the foot brake and with the maximum trailing load behind the RRV as referenced in the EAC. Repeat at the same speed 3 or 4 times:

	Speed (kph)	Stopping Distance (m)
1	6	4.7
2	9	6.1
3	11	9.4
4		

Trailing Load behind RRV: ——.....kg

NB: For the maximum braking distances allowed, see table at bottom of page

What was the condition of the track? .....DRY.....
(Wet, dry, icy, gradient?, oil/grease?, cant etc.)

Test 2: PARK BRAKE TEST

Can be measured either by placing the RRV on a track with a 1:29 gradient (brakes should hold) or using a load cell and noting the reading at the point when slippage occurs. RRV should hold without wheels moving for at least 4% of the Gross vehicle weight. i.e.

RRV Type	Minimum Load	RRV Type	Minimum 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	Dumper	245kg

	Park Brake	
Load Cell Reading:	1.67 Kg	(Pass) / Fail

Tested By: .....(Signature)

R NICHOLL .....(Print Name)

NOTE: Maximum stopping distances for Test 1are:

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