



## TRAILER BRAKE TEST

CUSTOMER: William Bradshaw	POV NUMBER:99709 010508-8
MACHINE & MODEL: Philmor T5020HAS	LOCATION: Ellesmere Port
SERIAL NUMBER:2261	PLANT NUMBER:115

1. Connect the trailer to a suitable load cell and towing machine
2. Load the trailer with a minimum of 5 tonne
3. Using the towing machine apply a load of up to 2000kg to the trailer at the tow bar
4. At the point the trailer starts to move, record the load
5. If the wheels skid at a figure lower than the minimum pull required, apply a greater load to the trailer and repeat the test
6. If the minimum pull figure cannot be achieved, carry out necessary repairs and retest

Static Park Brake Pull Test		
BRAKE TESTED	MINIMUM PULL REQUIRED	PULL LOAD ACHIEVED
Air Park Brake	<b>1380kg</b>	<b>4210 Kg</b>
Air Service Brake	<b>1380kg</b>	<b>4120 Kg</b>
Hydraulic Park Brake	<b>1380kg</b>	<b>3560 Kg</b>
Hydraulic Service Brake	<b>1380kg</b>	<b>2870 Kg</b>

Tests to be conducted on rail wheels on level track

TEST DATE	11/10/2022
RAIL HEAD CONDITION WET/DRY	Dry

Load cell used:	Straightpoint 0024
Calibration Due:	23/03/2022
Test carried out by:	Rob Crane
Date:	11/10/2022
Signed:	<i>R. Crane</i>