



Brake Test

Job Number	R9803
Plant Number	GIGA 2291
POV Number	99709 940666-9
Customer	SHOVLIN PLANT
Machine & Model	ATLAS TEREX 180S

STATIC PARK BRAKE PULL TEST	
Manufacturer's minimum drawbar pull required	Pull test achieved
kg	kg
If no manufacturer's figures are available, calculate 6% GVW as the minimum pull figure required	
Calculated minimum figure required	Pull test achieved
1750 kg	6025 kg

Maximum machine speed on rail	Forwards	Reverse
	8 mph	8 mph

Tests to be conducted on rail wheels on level track

Vehicle speed		Maximum stopping distance
mph	km/h	m
4	6	5
5	8	6
10	16	18
15	24	36
20	32	60
25	40	89
30	48	125
35	56	170

	Forwards		Reverse	
Maximum machine speed	8 mph	7.4 m	8 mph	6.2 m
	8 mph	6.9 m	8 mph	7 m
	8 mph	7.0 m	8 mph	7.2 m
4mph (6km/h)	4 mph	1.5 m	4 mph	1.6 m
	4 mph	1.5 m	4 mph	1.5 m
	4 mph	1.5 m	4 mph	1.4 m
Midway between 4mph & max speed	6 mph	3 m	6 mph	3.4 m
	6 mph	3 m	6 mph	2.9 m
	6 mph	3.2 m	6 mph	3 m

Tested by	M Locke
Signed	<i>M Locke</i>
Date	24/04/2024