


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	6.5 mph	3.2 m	10 mph
	6.5 mph	3.1 m	10 mph	3.6 m
	6.5 mph	3.3 m	10 mph	4.5 m
4mph (6km/h)	4 mph	2.0 m	4 mph	2.7 m
	4 mph	2.0 m	4 mph	2.2 m
	4 mph	1.8 m	4 mph	2.3 m
Midway between 4mph & max speed	5.5 mph	2.4 m	7 mph	3.2 m
	5.5 mph	2.3 m	7 mph	2.9 m
	5.5 mph	2.5 m	7 mph	4.1 m

Tested by	NEIL BAKER
Signed	
Date	1/11/2023

Job Number	R9688
Plant Number	GIGA 2290
POV Number	99709 940665-1
Customer	SHOVLIN
Machine & Model	ATLAS 180

STATIC PARK BRAKE PULL TEST	
Manufacturer's minimum drawbar pull required	Pull test achieved
3600 kg	6240 kg
If no manufacturer's figures are available, calculate 6% GVW as the minimum pull figure required	
Calculated minimum figure required	Pull test achieved
kg	6240 kg

Maximum machine speed on rail	Forwards	Reverse
	6.5 mph	10 mph