



BRAKE TESTING

RRV-FRM-035

Job Number	R9638
Plant Number	2227
Customer	SHOVLIN PLANT
Machine & Model	TEREX GIGARAILER
Date	21/04/2023

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

Static Park Brake Pull Test		
Machine Mass	6%	Pull Load
29495 Kg	1769.7 Kg	5000 Kg
Minimum acceptable pull load is 6% Gross Vehicle weight		

	FORWARDS	REVERSE
MACHINE MAXIMUM SPEED ON RAIL	8.0 mph	8.0 mph

VEHICLE ONLY

	FORWARDS		REVERSE	
MAXIMUM MACHINE SPEED	8.0 mph	7.1 m	8.0 mph	7.0 m
	8.0 mph	8.6 m	8.0 mph	9.0 m
	8.0 mph	8.2 m	8.0 mph	8.3 m
4 MPH (6 KM/H)	8.0 mph	1.3 m	4.0 mph	1.3 m
	8.0 mph	1.3 m	4.0 mph	1.6 m
	8.0 mph	1.3 m	4.0 mph	1.5 m
MIDWAY BETWEEN 4 MPH (6 KM/H) & MAX	8.0 mph	3.2 m	6.0 mph	3.2 m
	8.0 mph	3.0 m	6.0 mph	3.0 m
	8.0 mph	3.3 m	6.0 mph	3.0 m



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TOWING

Vehicle Tare Weight	
Number of Trailers	
Gross Towed Load Weight	

	FORWARDS		REVERSE	
Maximum Towing Speed	mph	m	mph	m
	mph	m	mph	m
	mph	m	mph	m
Mid Towing Speed	mph	m	mph	m
	mph	m	mph	m
	mph	m	mph	m

Tested by	Tom White
Date	21/04/2023
Signed	<i>T White</i>