



TC-5360

C T O P R 0770

CTOPR0770

Date : 17th June 2022


ULR No : TC536022150000589F

TEST REPORT TYPE APPROVAL



Objective of the test		Vehicle Manufacturer	
To conduct type approval tests as per the requirements of AIS-041:2003		M/s Munjal Motors Opp. Mittal Guest House, Model Town, Ferozepur City, Ferozepur, Punjab 152 008	
Vehicle Model		Test Vehicle	
CASPER		Battery operated vehicle 2W less than 250 Watt	
Test Request	158875; Date:- 19 th May 2022	Vehicle received at VTL	16 th June 2022
Frame No.	MMC1001	Unladen weight (kg)	89
Road Load Equation F=N, V=km/h	$F = 14.1 + 0.0224 v^2 + 160 dv/dt$	Equivalent Inertia (kg)	160
Coast down Procedure	As per part XIII of MoRTH/CMVR/TAP-115/116. (Amendment No.1)		
Test Procedure	As per AIS-041:2003		
Test Equipment	Make	Type	
Chassis Dyno	AVL Zollner GmbH, GMBH	955 mm Compact Chassis Dyno	
Cooling Fan	AVL Zollner GmbH, GMBH	Air Stream Fan	
Driver Aid	AVL Zollner GmbH, GMBH	--	
Power Supply	Aplab	DC Power Supply	

Please turn over for DISCLAIMER

AUTHORISED SIGNATORY			
Prepared By	Checked By		Approved By
ADITYA KUMAR Engineer	MONAL HASTI Manager		VIKAS SADAN Dy. General Manager



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