



Bannari Amman Institute of Technology
Sathyamangalam - 638 401
Erode District, Tamil Nadu, India



Department of Automobile Engineering
Engine Performance and Emission Testing Laboratory

Date : 16.08.2021
Time : 02.30 PM

Manufacturers Name and Address : MOTOWINGS PERFORMANCE NO.14, Anna Nagar extn, NK Palayam, Singanallur, Coimbatore-641 033. India			
Name of the Model and Variants : Motowings Performance – MAGNETOR (FULL SYSTEM) Part No : MWP012 – MET SP 350			
Emission Level Test with AVL DIGAS 444N Ideal Condition @1000 rpm			
HC	27.5 PPM	Smoke	HSU
CO	0.014 % Vol.	LAM (λ)	1.282
CO₂	11.29 % Vol.		
O₂	04.09 % Vol.		
NO	0.01 PPM		

Manufacturer : MOTOWINGS PERFORMANCE		Test Agency : Department of Automobile Engineering, Bannari Amman Institute of Technology	Cert No : 105
Signature :	Document No : 2021105	Signature :	
		Name : Mr.S.Deepankumar	
Name : TAMIL AMUTHAN	Sheet No. 01	Designation : AP/ Auto	
Designation : PRODUCT DEVELOPMENT ENGINEER	Date: 16.08.2021	Date of Issue : 16.08.2021	Page No 01 of 02





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Noise Level Test as per <u>SAE International J2825</u> Exhaust Sound Pressure Levels		
Noise Level	MAGNETOR (FULL SYSTEM)	74.3 dB @1000 RPM (Idle)
		84.0 dB @2500 RPM

Manufacturer : MOTOWINGS PERFORMANCE	Document No : 2021105	Test Agency : Department of Automobile Engineering, Bannari Amman Institute of Technology	Cert No : 105
Signature :		Signature : 	
Name : TAMIL AMUTHAN	Sheet No. 02	Name : Mr.S.Deepankumar	
Designation : PRODUCT DEVELOPMENT ENGINEER	Date: 16.08.2021	Designation : AP/ Auto	Date of Issue : 16.08.2021
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