





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



**Department of Automobile Engineering**  
**Engine Performance and Emission Testing Laboratory**

Date : 07.12.2020  
Time : 04.30 PM

<b>Manufacturers Name and Address : MOTOWINGS PERFORMANCE</b> NO.14, Anna Nagar extn, NK Palayam, Singanallur, Coimbatore-641 033. India			
<b>Name of the Model and Variants : Motowings Performance- TRIDENT</b> Part No : MWP002-TRI-650			
<b>Emission Level Test with AVL DIGAS 444N</b> Ideal Condition @1500 rpm			
<b>HC</b>	<b>39 PPM</b>	<b>Smoke</b>	<b>HSU</b>
<b>CO</b>	<b>0.02 % Vol.</b>	<b>LAM (<math>\lambda</math>)</b>	<b>5.105</b>
<b>CO<sub>2</sub></b>	<b>4.23 % Vol.</b>		
<b>O<sub>2</sub></b>	<b>4.56 % Vol.</b>		
<b>NO</b>	<b>0 PPM</b>		

<b>Manufacturer :</b> MOTOWINGS PERFORMANCE	<b>Document No : 2020008</b>	<b>Test Agency : Department of Automobile Engineering, Bannari Amman Institute of Technology</b>	<b>Cert No : BIT-AUTO-ETL-008</b>
<b>Signature :</b>		<b>Signature :</b> 	
<b>Name :</b> TAMIL AMUTHAN	<b>Sheet No. 01</b>	<b>Name : Mr.S.Deepankumar</b>	
<b>Designation :</b> PRODUCT DEVELOPMENT ENGINEER	<b>Date: 07.12.2020</b>	<b>Designation : AP/ Auto</b>	<b>Date of Issue : 07.12.2020</b>
			<b>Page No 01 of 02</b>




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<b>Name of the Model and Variants : Motowings Performance- TRIDENT</b> Part No : MWP002-TRI-650	
<b>Noise Level Test as per <a href="#">SAE International J2825</a> Exhaust Sound Pressure Levels</b>	
<b>Noise Level</b>	<b>77.3 dB @1500 RPM (Idle)</b>
	<b>82.0 dB @2000 RPM</b>

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<b>Signature :</b>		<b>Signature :</b> 	<b>Name : Mr.S.Deepankumar</b>
<b>Name : TAMIL AMUTHAN</b>	<b>Sheet No. 02</b>	<b>Designation : AP/ Auto</b>	
<b>Designation : PRODUCT DEVELOPMENT ENGINEER</b>	<b>Date: 07.12.2020</b>	<b>Date of Issue : 07.12.2020</b>	<b>Page No 02 of 02</b>