





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



Department of Automobile Engineering
Engine Performance and Emission Testing Laboratory

Date : 14.10.2020
Time : 06.00 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- Cone Barrel Without DB Killer Part No : MWP005-CB-UCE (Classic 350 CB)			
Emission Level Test with AVL DIGAS 444N Idle Condition @1500 rpm			
HC	34 PPM	Smoke	HSU
CO	0.01 % Vol.	LAM (λ)	1.327
CO₂	10.67 % Vol.		
O₂	05.01 % Vol.		
NO	0 PPM		

Manufacturer : MOTOWINGS PERFORMANCE	Document No : 2020008	Test Agency : Department of Automobile Engineering, Bannari Amman Institute of Technology	Cert No : BIT-AUTO-ETL-008
Signature :		Signature : 	
Name : TAMIL AMUTHAN	Sheet No. 01	Name : Mr.S.Deepankumar	
Designation : PRODUCT DEVELOPMENT ENGINEER	Date: 14.10.2020	Designation : AP/ Auto	Date of Issue : 14.10.2020
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Date : 14.10.2020
Time : 06.30 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- Cone Barrel With DB Killer Part No : MWP005-CB-UCE (Classic 350 CB)			
Emission Level Test with AVL DIGAS 444N Idle Condition @1500 rpm			
HC	31 PPM	Smoke	HSU
CO	0.01 % Vol.	LAM (λ)	1.500
CO₂	9.62 % Vol.		
O₂	6.88 % Vol.		
NO	0 PPM		

Manufacturer : MOTOWINGS PERFORMANCE	Document No : 2020009	Test Agency : Department of Automobile Engineering, Bannari Amman Institute of Technology	Cert No : BIT-AUTO-ETL-009
Signature :		Signature : 	
Name : TAMIL AMUTHAN	Sheet No. 01	Name : Mr.S.Deepankumar	
Designation : PRODUCT DEVELOPMENT ENGINEER	Date: 14.10.2020	Designation : AP/ Auto	Date of Issue : 14.10.2020
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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- Cone Barrel With DB Killer Motowings Performance- Cone Barrel Without DB Killer Part No : MWP005-CB-UCE (Classic 350 CB)		
Noise Level Test as per SAE International J2825 Exhaust Sound Pressure Levels		
Noise Level	Cone Barrel With DB Killer	76.7 dB @1500 RPM (Idle)
		78.3 dB @2000 RPM
	Cone Barrel Without DB Killer	77.4 dB @1500 RPM (Idle)
		78.9 dB @2000 RPM

Manufacturer : MOTOWINGS PERFORMANCE	Document No : 2020008,09	Test Agency : Department of Automobile Engineering, Bannari Amman Institute of Technology	Cert No : BIT-AUTO-ETL-008,09
Signature :		Signature :	
Name : TAMIL AMUTHAN	Sheet No. 01	Name : Mr.S.Deepankumar	
Designation : PRODUCT DEVELOPMENT ENGINEER	Date: 14.10.2020	Designation : AP/ Auto	Page No 03 of 03