

Dt.:

Questionnaire for Chassis Dynamometer (Roll & Brake Tester)

Company Name : _____
 Address / Contacts : _____

 Email ID : _____

Sr. No.	Particulars	Remarks by Customer
1.	Vehicle Data	
1.1	Vehicle Type	Electrical / Petrol / Diesel
1.2	Category	2Wh / 3Wh / 4Wh
1.3	Drive Type	Front / Rear / Both wheels
1.4	Transmission Type	Automatic / CVT / Manual
1.5	Engine / Motor details Rated Power @ rated rpm Rayed Torque @ rated rpm Max. rpm	
1.6	Vehicle Max. power	
1.7	Vehicle max. speed in KM/H	
1.8	Vehicle max. acceleration	
1.9	Vehicle un-laden weight (for different models)	Min. Max.
1.10	Vehicle GVW (for different models)	Min. Max.

Sr. No.	Particulars	Remarks by Customer
1.11	Permissible Axle Load, Front (for different models)	Max. Min
1.12	Permissible Axle load, Rear (for different models)	Max. Min
1.15	Vehicle Track width, front (for different models)	Max. Min
1.16	Vehicle Track width, Rear (for different models)	Max. Min
1.17	Adjustable Wheel Base required on Dyno	Yes / No.
1.18	Wheel Base (for different models)	Max. Min
1.19	Tyre Type	
1.20	Dynamic Tyre Radius	Max. Min.
1.21	Tyre width	Max. Min
1.22	Ground Clearance (for different models)	
1.23	Silencer & Engine position (Pls. provide dimensional drawing) (for different models)	
2.	Purpose of Testing	R&D / QA / Production (End of line) / QAD / Maintenance / Mileage Accumulation
3.	Test Modes required	
3.1	Road Load Simulation Performance - Max speed, Max power, Acceleration (by speed, by distance), Max. Tractive toque	Yes / No

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3.2	Wide Open Throttle test – Speed & Torque control	Yes / No
3.3	Passing Acceleration test - by speed, by distance	Yes / No
3.4	Driver's Aid – Standard (IDC etc.) & Customized test cycles	Yes / No
3.5	Endurance test	Yes / No
3.6	Engine RPM measurement	Yes / No
3.7	Speedo meter test	Yes / No
3.8	Inertia simulation	Electrical / Mechanical
3.9	Gradient simulation	Yes / No
3.10	Break Testing – Distance, time & force	Yes / No
3.11	ABS integration	Yes / No
3.12	ECU integration	Yes / No
3.13	Fuel consumption measurement required	Yes / No
3.14	Type of FC measurement	Gravimetric / Volumetric / Flow sensor (Dynamic)
3.15	Integration of Smoke meter / Gas analyzer	Yes / No
3.16	Catalytic converter Endurance Test	Yes / No
3.17	Other if any	
4.	General	
4.1	No. of vehicles to be tested per hour	
4.2	Vehicle Cooling blower required	Yes / No
4.3	Speed synchronization for Cooling blower required	Yes / No
4.4	Drive & Motor package for Dynamometer	AC / DC

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Sr. No.	Particulars	Remarks by Customer
4.5	Test room available?	Yes/No
4.6	Test Room to be made available	Yes/No
4.7	For installation in special test room Please state special conditions e.g. Climatic, Acoustic, etc.	
4.8	Existing factory voltage	
4.9	Existing compressed air network	
4.10	Further requirements / data	

(Please attaché separate sheet if required)

Name :

Designation :