

Questionnaire for the selection Dyno & Test Equipment for Engine Testing

Sr.	Questions / Information Required	Remarks	
1	Engine Max. Torque @ RPM	@	RPM
2	Engine Max Power @ RPM	@	RPM
3	Whether diesel or gasoline engine		
4	Engine Inertia (in kgm.sq)		
5	No. of Cylinders		
6	Bore/Stroke	/	
7	Whether turbocharged engine	Yes / No	
8	If answer to above question is 'Yes', then air inlet & outlet temp and air flow rate	Air inlet Temp.: Temp. :	Air outlet Air Flow Rate :
9	Whether engine is with ECU	Yes / No	
10	Whether match-plate required for engine services connections	Yes / No	
11	If answer is "Yes" to above question, which all connections are required on match plate?		
12	No. of temperature points with their names & ranges		
13	No. of pressure points with their names & ranges		
14	Whether smoke meter required	Yes / No	
15	Whether Blow-By measurement required	Yes / No	
16	Fuel Meter type	Gravimetric / Mass Flow Meter	
17	If Fuel Conditioning Unit is required	Fuel Flow Rate:	Fuel Temp.:
18	If coolant conditioning system is required	Coolant Flow Rate: Temp. Range:	Coolant