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## ***Dynamometer Shaft Questionnaire***

- 1           Dynamometer Cell Identification Number \_\_\_\_\_
- 2                           Engine Model Designation \_\_\_\_\_
- 3                                   Installed Angle \_\_\_\_\_
- 4                                   Maximum Torque \_\_\_\_\_
- 5                                   Running Torque \_\_\_\_\_
- 6                                   Minimum Engine Speed \_\_\_\_\_
- 7                                   Maximum Engine Speed \_\_\_\_\_
- 8                                   Engine Running Speed \_\_\_\_\_
- 9                                   Number of Cylinders \_\_\_\_\_
- 10                                   Type of Engine \_\_\_\_\_
- 11                                   Cylinder Configuration \_\_\_\_\_
- 12                                   Cylinder Firing Configuration \_\_\_\_\_
- 13                                   Number of Engine Cycles 2 or 4 \_\_\_\_\_
- 14                                   Engine Flywheel Size \_\_\_\_\_
- 15                                   Engine Flywheel Housing Size \_\_\_\_\_
- 16       Maximum Overhung Weight Allowed on Engine \_\_\_\_\_
- 17       Maximum Axial Thrust Load Allowed on Engine \_\_\_\_\_
- 18                                   Duty Cycle \_\_\_\_\_
- 19                                   Percent of Overload Condition \_\_\_\_\_
- 20                                   Engine Inertia \_\_\_\_\_

## ***Dynamometer Shaft Questionnaire***

- 21                                      Engine Flange Size and Type \_\_\_\_\_
- 22    Dyno Type \_\_\_\_\_
- 23    Dyno Inertia \_\_\_\_\_
- 24              Maximum Overhung Weight Allowed on Dyno \_\_\_\_\_
- 25              Maximum Axial Thrust Load Allowed on Dyno \_\_\_\_\_
- 26                                      Dyno Flange Size and Type \_\_\_\_\_
- 27    Test Duration \_\_\_\_\_
- 28    Engine Firing Order \_\_\_\_\_
- 29    Engine BMEP \_\_\_\_\_
- 30              Maximum Length Allowed from Flange to Flange \_\_\_\_\_
- 31              Minimum Length Allowed from Flange to Flange \_\_\_\_\_