



DETONATION SYSTEM REQUIREMENTS FORM

Date _____

Engine/Compressor/Generator System Data

Company _____
Contact name _____
Engine location _____
Engine make _____
Engine model _____
Engine horsepower rating _____
Naturally aspirated or Turbo Charged _____
Firing Order _____
Cylinder bore diameter _____
Rated RPM _____
Normal Run Speed _____
Fuel Type _____ Analysis report available? _____
Single or dual fuel _____
Ignition timing _____
Compressor or Generator _____

Ignition System Data

Model _____
4-20mA loop timing control _____

Control and Safety Shutdown System Data

PLC _____
Annunciator type/model _____
Normally Open or Normally Closed inputs _____
Manual or Automatic Load control _____

DET-1600 Setup Parameters

of cylinders _____
of cycles _____
Normal Run timing value _____
Run RPM at load _____
Current Loop or Modbus Control _____

Miscellaneous

What is causing the detonation? _____

When the engine is detonating what can be done manually to stop the
detonation? _____

Is engine in good mechanical condition? _____
Is the fuel quality constant or does it vary? _____
Is the load constant or does it vary? _____