

QUESTIONNAIRE
FOR
PORTABLE AIR COMPRESSOR
(TO BE COMPLETED BY BIDDER)

(If question is not applicable, please indicate by N/A.)

ENGINE

Make: _____ Model: _____

Diesel or Gasoline fueled? _____ Water or Air Cooled? _____

Rated BHP _____ @ _____ RPM

Displacement (CID) _____ Cylinders/Cycles _____ / _____

Bore x Stroke _____ x _____

Air Cleaner, Type _____

Starting System Voltage _____ V Generator or Alternator _____

COMPRESSOR

Make: _____ Model: _____

Type: _____

Rated Capacity: _____ ACFM @ _____ PSIG

Operating Pressure _____ PSIG Max. Pressure Rating _____ PSIG

Air Cleaner, Type _____

Cooling System: Air _____ Oil _____ Water _____

for Oil Cooled Systems: Oil Separator Use? _____ How is oil cooled? _____

Volumetric Efficiency _____ % @ Standard Inlet Conditions

Type of Oil Filter System _____

AIR RECEIVER

Type _____ Size _____ cu. ft. Cap. Gals. _____

Design Pressure _____ PSI ASME Stamped? _____

Safety Valve Set at _____ PSI Air Outlet Valves, Give Number and Sizes

Furnished: _____

Are Oil Separator and Receiver Combination Type? _____

PROTECTIVE DEVICES

Check those furnished: 1. Compressor High Air Discharge Temperature Shutdown _____ 2. Engine Low Oil Pressure Shutdown _____ 3. Engine High Water Temperature Shutdown _____, or High Air Temperature Shutdown _____ 4. Blowdown Valve _____ 5. Minimum Air Pressure Check Valve _____ 6. Air Discharge Check Valve _____.

UNLOADER

Is an unloading system provided? _____

MOUNTING (Refer to Specification)

For Trailer Mounted Units: Describe equipment furnished: _____

For Skid Mounted Units: Describe: _____

BRAKES (If specified in the Invitation for Bids)

Describe Equipment and Controls Furnished: _____

INSTRUMENTATION

List Gauges, indicators and instruments on instrument panel for engine and compressor operating conditions:

Engine: _____

Compressor: _____

EQUIPMENT AND ACCESSORIES (As specified in the Invitation for Bids)
(Refer to Specification)

List equipment and accessories to be furnished:

TOOLS (As specified in the Invitation for Bids) (Refer to Specification)

List tools to be furnished: _____

EPA NOISE EMISSION STANDARD

Does the air compressor offered meet EPA Noise Emission Standard as specified? _____ Noise Level when measured and evaluated according to 40 CFR (Section 204.50 et. seq.) _____ dBA

OCCUPATIONAL SAFETY AND HEALTH ACT

Does the air compressor offered comply with applicable OSHA Regulations, as specified? _____

GENERAL

Total Weight of Unit, ready to operate, exclusive of air hoses and tools _____ lbs.

Overall Length: _____ in. Overall Width: _____ in. Overall Height: _____ in.

Tire Size: _____

AIR COMPRESSOR PERFORMANCE

What is the fuel consumption of the air compressor unit based on actual test data, expressed in gallons per hour, at rated operating pressure of 100 PSI and the specified SCFM? _____ Gals./Hr. for _____ SCFM at 100 PSI.

Is this fuel consumption based on actual test data? _____

OTHER INFORMATION

Will operator's manuals, service manuals and parts books be furnished as specified? _____

List at least two owners/operators nearest Raleigh, NC who are currently using the model offered:

	<u>NAME</u>	<u>LOCATION</u>	<u>TELEPHONE</u>
1.	_____	_____	_____
2.	_____	_____	_____

Please complete the following:

Questionnaire Prepared By: _____
Title: _____
Telephone: _____
Date: _____