



UNIVERSAL

Acoustic & Emission Technologies

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GAS TURBINE/COMPRESSOR INLET AIR FILTRATION APPLICATION SHEET

Prepared By: _____

Date: _____

1. Company Name: _____

Purchasing Agent: _____

Engineering Contact: _____

Address: _____

City, State, Zip : _____

Project Reference: _____ **New** Installation _____ Refurbishment _____

Project Location: _____

Specification No.: _____

Project Plan Dates: Design _____ Installation _____

2. Gas Turbine or Compressor: _____ **Number of Units:** _____

Turbine Manufacturer and Model No.: _____

Compressor Manufacturer and Model No.: _____

Installation Date: _____

3. Inlet Air Volume:

Combustion Air	_____	CFM
Generator Ventilation Air	_____	CFM
Process Air	_____	CFM
Allowable Pressure Drop Clean	_____	Inches w.g.
Allowable Pressure Drop Dirty	_____	Inches w.g.

4. Site Conditions:

Location: _____

City	_____	State	_____	Country	_____
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Compressor Station	<input type="checkbox"/>	Chemical Plant	<input type="checkbox"/>
Cogen Plant	<input type="checkbox"/>	Utility	<input type="checkbox"/>
Offshore Platform	<input type="checkbox"/>	Refinery	<input type="checkbox"/>
Paper Mill	<input type="checkbox"/>	Other: Specify	<input type="checkbox"/> _____

Ambient Temp. Range _____ to _____ Degrees F.

Relative Humidity Range _____ to _____ %

Seismic Zone: UBC _____ ANSI _____ Other _____

Wind Load: P.S.F. _____ MPH _____

Snow Load: P.S.F. _____

Design/Pressure Load _____

Atmospheric Considerations _____

Other Considerations _____

5. Electrical Criteria:

Available Voltage _____ / _____ / _____ / V.D.C. _____

Area Classification: _____

NEMA _____	NEC. _____	Class _____	Group _____	Div. _____
CSA _____	Devices _____	All Components _____		
Labeled _____	Other _____			



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6. Filter Type Preferred:

Multi Stage: Pulse Clean:
Other: Specify _____

7. Other Options: (Please ✓)

Anti-Icing	<input type="checkbox"/>	Exhaust Silencers	<input type="checkbox"/>
Weather Hoods	<input type="checkbox"/>	Inlet Silencers	<input type="checkbox"/>
Expansion Joint	<input type="checkbox"/>	Evaporative Cooling	<input type="checkbox"/>
Access Ladders	<input type="checkbox"/>	Blow-In Doors	<input type="checkbox"/>
Interior Lights	<input type="checkbox"/>	Service Platform	<input type="checkbox"/>
		Stairway	<input type="checkbox"/>
		Hoist	<input type="checkbox"/>

8. Filter Outlet Locations:

Back: _____ Bottom: _____ Side: _____ Other: _____

Specify: _____

Filter Outlet Flange Size: _____ Horiz. by _____ Vertical

9. Finish Requirements:

Surface Preparation: _____

Coatings:	<i>Interior</i>	<i>Exterior</i>	<i>Type</i>	<i>D.F.T.</i>
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Primer: _____

Intermediate: _____

Intermediate: _____

Final: _____

10. Materials of Construction:

Filter House: Stainless Steel: Grade _____
Carbon Steel: _____
Aluminum: _____

Support Structure: Carbon Steel: _____
Painted: _____
Galvanized: _____

Platforms/
Ladder: Carbon Steel: _____
Painted: _____
Galvanized: _____

11. Other Information: _____

Roof Mounted: _____

Ground Mounted: _____

Size Restrictions: Length: _____ Width: _____ Height: _____