INDUSTRIAL FAN SILENCER APPLICATION SHEET

Customer Name ___________________________ Date ____________
Inquiry and/or Project Reference _____________________________

APPLICATION INFORMATION

Application:  □ intake  □ discharge  □ other ___________________
Type of gas:  □ air  □ steam  □ other _________________________
Inlet Volume Flow _______ CFM Operating Pressure _________ psia/H₂O''
Allowable Pressure Drop ____ H₂O'' Temperature _________ °F
Connection Sizes: Inlet ___________ Discharge _______________
(Specify round or rectangular.)
Size Restrictions: Length _______ Width _______ Height _______
Mounting Arrangements _________________________________
(Specify legs, lugs, saddles, trunnions, skirt/base ring, etc.)
Special material requirements _____________________________
(Standard materials are carbon steel, both internal and external.)
Special finish requirements _______________________________
(Standard finish is sandblasting cleaning per SSPC-SP2, solvent cleaning per SSPC-SP1 and a blue shopcoat primer.)

NOISE SPECIFICATIONS

<table>
<thead>
<tr>
<th>OCTAVE BAND CENTER FREQUENCY (Hz)</th>
<th>OVERALL</th>
</tr>
</thead>
<tbody>
<tr>
<td>B3</td>
<td>125</td>
</tr>
<tr>
<td>Unsilenced Sound Power Level OR</td>
<td></td>
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<tr>
<td>Unsilenced Sound Pressure Level at _______ feet</td>
<td></td>
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<tr>
<td>Required Insertion Loss at _______ feet</td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>Required Silenced Sound Pressure Level</td>
<td>dB(A) at _______ feet</td>
</tr>
</tbody>
</table>

BLOWER/FAN INFORMATION (optional)

Manufacturer and Model No. _____________________________
Speed _______ rpm  Size & other info ____________________

ENVIRONMENTAL FACTORS

Ambient Temperature Range ______ to ______ °F  Relative Humidity Range ______ to ______ %
Seismic Zone ______ re:  □ UBC  □ ANSI  □ other _________________________
Wind Speed ______ mph  Wind Pressure Load _________ lb/ft²  Snow Load _________ lb/ft²
Other Design/Pressure Loads _____________________________
Atmospheric Considerations ______________________________
Other Considerations _________________________________

Form No. 94-1276,