

Contact:				Phone:				
Company:				Fax:				
Street Address:				Email:				
City:			Zip Code:			Cust Ref:		
State:			Country:			Due Date:		

Briefly describe your blower process:

Site Conditions

Ambient Temperature Min. _____ Max. _____
 Elevation (above sea level) _____

Process Conditions

Flow Rate (mass or volumetric) _____
 Gas Composition Breakdown _____ Mass% _____ or mole% _____
 Gas 1 _____
 Gas 2 _____
 Gas 3 _____
 Gas 4 _____
 Gas 5 _____
 Inlet Gas Temp. _____
 Suction (inlet) Pressure _____
 Discharge (outlet) Pressure _____

Material of Construction Preference

**Not all products available in materials shown

Metal options**

☐ Cast Iron ☐ Ductile Iron ☐ Stainless Steel ☐ FKM(i.e.Viton) ☐ FFKM (i.e. Simriz) ☐ Kalrez
☐ Cast Steel ☐ Bi-protect

Elastomers/Shaft Seal options**

Cooling Media Available

Cooling Liquid (water typical): _____ Available Temp: _____ Max Available GPM: _____

Will Tuthill be supplying a motor? ☐ Yes ☐ No (if yes complete section below)

Power Supply

_____ Phase _____ Hz _____ Voltage

NEC Area Classification

_____ Class I (gas)
 _____ Class II (dust)
 _____ Div. 1 (normally present)
 _____ Div. 2 (only present in emergency)
 Group (A, B, C, or D): _____

ATEX Area Classification

Class I: _____ Class II: _____
 Zone (1,2,21,22): _____
 Protection (Exd, Exn): _____
 Group (A, B, or C): _____
 Temp Code (T1 thru T6): _____

Method of starting:

_____ Direct online (DOL)
 _____ Variable Frequency Drive (VFD)
 _____ Other (e.g. Soft Start): _____

Electrical Controls

Will Tuthill supply an electrical control panel? ☐ Yes ☐ No

Enclosure Type required: NEMA 4 ☐ NEMA 7 ☐ IEC IP56 ☐

Current Process

What type of blower do you currently have for this process? _____

If the current blower failed what was the failure nature? _____

If the current pump has failed, what was the nature of the failure? _____

Additional Remarks: _____