DATE submitted
____/____/____

VACUUM PUMP SELECTION QUESTIONNAIRE

CUSTOMER::		
COMPLETED BY:	**EMAIL**:	
	Office phone: (_ _ _)_ _ _-_ _ _ _	**Cell:** (_ _ _)_ _ _-_ _ _ _
CUSTOMER/END USER NAME :		
ADDRESS:		
CONTACT PERSON:	**TITLE:**	**EMAIL:**
		PHONE: (_ _ _)_ _ _-_ _ _ _

MAIN INFORMATION

☐ New Installation ☐ Replacement* ☐ OEM

*If replacement

MFG BY:_____MODEL:_____S/N:_____HP:_____

PUMP RPM:_____TYPE OF DRIVE[1]:_____AGE OF UNIT:_____

TYPE OF PUMP REQUIRED ☐ Liquid Ring ☐ Rotary Vane ☐ Rotary Booster ☐ Other:_____

PLEASE DESCRIBE THE APPLICATION:	
MAIN ISSUES:	
FLOW NEEDED:	**PLEASE SPECIFY** UNIT USED ☐ **ACFM** ☐ **SCFM** ☐ **lbs/hr** ☐ **m^3/hr**
VACUUM LEVEL:	**PLEASE SPECIFY** UNIT USED ☐ **Inches HgV** ☐ **mm Hg Abs (torr)** ☐ **Inches Hg Abs** ☐ **psi**
DISCHARGE PRESSURE:	**PLEASE SPECIFY** UNIT USED ☐ **Inches HgV** ☐ **mm Hg Abs (torr)** ☐ **Inches Hg Abs** ☐ **psi**
SUCTION GAS CHEMICAL COMPOSITION:	Please specify ☐ By Volume or ☐ By Weight (Attach table if multiple gases)

[1] Please specify if direct drive, belt drive or other (in this latter case further details are appreciated). Specify pump speed

INLET TEMPERATURE ☐☐☐☐☐ Please specify if ☐ Fahrenheit or ☐ Celsius	SITE ELEVATION: (in feet Above Sea) ☐☐☐☐☐

TYPE OF PRODUCT REQUESTED

☐ Complete Vacuum Package (Pump, motor, cooling system, controls, etc)
☐ Pump set (pumps and motor)
☐ Bare shaft pump

(if bare shaft pump or pump set are selected please skip SYSTEM DESIGN, COOLING TYPE and SYSTEM MATERIAL OF CONSTRUCTION sections below)

TYPE OF VACUUM PUMP REQUESTED, PLEASE SPECIFY:

☐ DRY
☐ LIQUID RING
☐ ROTARY OIL SEALED OTHER (PLEASE SPECIFY)

SYSTEM DESIGN:

☐ No Recovery ☐ Partial Recovery ☐ Full Recovery

☐ Simplex ☐ Duplex ☐ Triplex ☐ Other

COOLING TYPE:

☐ Air Cooled ☐ Water Cooled

SYSTEM MATERIAL OF CONSTRUCTION:

☐ Carbon steel separator tank, while heat exchanger, piping and piping components to be made out of mixture of cast iron, brass, copper, carbon steel
☐ Non stainless steel components, without brass
☐ All stainless steel components with mixture of 304 and 316SS
☐ All stainless steel with only 316SS
☐ Other _____

PUMP MATERIAL OF CONSTRUCTION: (Select one)

☐ **A** - Cast Iron Pump w/Ductile Iron Impeller and 420SS Shaft,
☐ **B** - Cast Iron Pump with Bronze Impeller and 420SS Shaft,
☐ **C** - Cast Iron Pump with 304 SS Impeller and 420SS Shaft,
☐ **D** - Cast Iron Pump with 316 SS Impeller and 420SS shaft,
☐ **E** - Cast Iron Pump with 316 SS Impeller and 316SS Shaft,
☐ **F** - 316 SS All Wetted Parts
☐ **G** - 316 SS All Parts
☐ **OTHER** _____

PUMP MECHANICAL SEAL INFO:

☐ Standard mechanical seal plan
☐ OTHER (please state)_____

MECHANICAL SEAL ELASTOMERS:

- ☐ Viton
- ☐ Teflon
- ☐ Kalrez
- ☐ Other _____

UTILITIES ON SITE:

ELECTRICAL VOLTAGE:_____

☐ Single Phase ☐ 60 Hz

☐ Three Phase ☐ 50 Hz

WATER GPM CAPABILITY: _____

WATER TEMPERATURE: _____☐ F ☐ °C

ELECTRICAL REQUIREMENTS:

- ☐ NEMA-4
- ☐ NEMA-12
- ☐ NEMA-7

If NEMA-7 is selected, state Class, Group and Division rating

MOTOR TYPE: (**TEFC STD**)_____

EXPLOSION PROOF SPECIFICATIONS (PLEASE SUBMIT DETAILED INFORMATION)

ADDITIONAL NOTES: