

Requested by: \_\_\_\_\_

Date: \_\_\_\_\_

End User: \_\_\_\_\_

Project Name: \_\_\_\_\_

Location: \_\_\_\_\_

**CONFIGURATION:**

Compressor Type: \_\_\_\_\_ Model: \_\_\_\_\_ Stroke: \_\_\_\_\_  
 Speed, rpm Max: \_\_\_\_\_ Min: \_\_\_\_\_ Design: \_\_\_\_\_ Number of Cylinders per side: \_\_\_\_\_  
 Distance between Cylinders: \_\_\_\_\_ Crank Angle between Cylinders: \_\_\_\_\_

If applicable, please provide as much of the following data as possible.

**SERVICE CONDITIONS:**

Stage	Suction		Discharge	
Service	Suction	Discharge	Suction	Discharge
Gas (type)				
Sp. Gr. or M.W.				
Cp/Cv = K Value				
Pressure, psia				
Temperature, °F				
Compressibility, Z				
Flow Rate <u>SCFM</u>				
Viscosity				

**COMPRESSOR INFORMATION:**

	Suction		Discharge	
	Suction	Discharge	Suction	Discharge
# of cylinders per stage				
Dbl. or Sgl. Acting				
Bore, inches				
Stroke, inches				
Nozzle Size				
Flange Rating				
Line Nozzle Size				
Flange Rating				
Clearance Volume*				

\* If there are a number of load steps, attach a separate sheet with significant conditions requiring analysis.

Requested by:

Date:

End User:

Project Name:

Location:

**DESIGN SPECIFICATIONS:**

	Suction	Discharge	Suction	Discharge
Pressure Drop				
Residual Pulse %				
Design Pressure, psig				
Design Temperature, °F				
Code Requirements				
Corrosion Allowance				
Radiography Requirements				
Material Type				
Inspection Openings				
Other Connections				
Supports Required				

**DIGITAL SIMULATION INFORMATION (for API Design Approaches 2 & 3):**

Please submit any information related to compressor passages and piping including, but not limited to, the following:

	Suction	Discharge	Suction	Discharge
Pipe Diameter, inches				
Pipe Wall Thickness, inches				
Pipe Length, inches				

Please attach any related drawings and piping diagrams.

**COMMENTS (SPECIAL REQUIREMENTS, ADDITIONAL DATA, ETC):**

INTERNAL USE ONLY
<b>PULSCO:</b> Design / Project ENGINEER ENGINEERING MANAGER