

Mechanical Seal Application Details

End user :-
 Plant :- Site :- Plant item No.
 The Person responsible :-

SEALING DUTY

Minimum Data Required	Units
Fluid	
Temperature	
Sealed Pressure	
Seal (shaft size)	
Shaft Speed	

Other Information	Units
Vapour pressure at Sealed Temperature or NPSHA	
Viscosity at Pumping Pressure	
Fluid S.G.	
Solids Content	Abrasive Yes / No
Solution	Yes / No Concentration
Suction Pressure	
Discharge Pressure	
pH	
Hazards	
External Services Available (Water <input type="checkbox"/> Clean Flush <input type="checkbox"/> Steam <input type="checkbox"/>)	Pressure Temperature
Seal Standards. BS <input type="checkbox"/> DIN <input type="checkbox"/> ISO <input type="checkbox"/> ANSI <input type="checkbox"/> API <input type="checkbox"/> Other <input type="checkbox"/>	

EQUIPMENT DETAILS

Maker
Equipment
Tota Seals Required
Tota Seals Required
Pump Description :
Centrifugal <input type="checkbox"/> Gear <input type="checkbox"/> Vertical <input type="checkbox"/> Axial Split <input type="checkbox"/> Number of Stages
Mixed Flow <input type="checkbox"/> Lobe <input type="checkbox"/> Horizontal <input type="checkbox"/> Glands per Pump
Axial <input type="checkbox"/> Screw <input type="checkbox"/> Radial Split <input type="checkbox"/> Other
Other Equipment :
Compressor <input type="checkbox"/> Vacuum Pump <input type="checkbox"/> Chiller <input type="checkbox"/> Filter <input type="checkbox"/> Gands per item
Driver <input type="checkbox"/> Vertical <input type="checkbox"/> Horizontal <input type="checkbox"/> Other
Materials of Construction :
Seal Housing Shaft
Sleeve Clamp (seat) Plate
Special Considerations :
Alternative Duty. Low Ambient. Safety. Shaft movements, Pressure Surges, Unprimed Running, etc.
Reference Drawing Numbers
Driver Type