

# APPLICATION DATA FORM 1.



**Contact:**  
**Company:**  
**Address:**  
**Required date**

**Date:**  
**Tel. No.:**  
**Fax. No.:**  
**E-mail:**

## 1. Equipment

Pipe Flange: Std. / Non-Std.  
 Valve Bonnet  
 Man-way

## Tag No.

Pump: Centrifugal / Horizontal Split Case (drg. req)  
 Centrifuge  
 Other: \_\_\_\_\_

## 2. Medium (Material Compatibility)

Media: \_\_\_\_\_  
 Concentration: \_\_\_\_\_  
 Cleaning: Steam Water

pH: \_\_\_\_\_  
 Liquid / Gas \_\_\_\_\_  
 Caustic Other: \_\_\_\_\_

## 3. Operating Conditions

Temperature – Min.: \_\_\_\_\_ Max.: \_\_\_\_\_ Cont. Operating: \_\_\_\_\_  
 Pressure - Min.: \_\_\_\_\_ Max.: \_\_\_\_\_ Continuous / Intermittent \_\_\_\_\_  
 Thermal Gradient Across Dia. Of Gasket: \_\_\_\_\_  
 Thermal Cycling: \_\_\_\_\_ Vibration: \_\_\_\_\_

## 4. Fasteners

No. Bolts / Studs: \_\_\_\_\_ Size: \_\_\_\_\_ Matl Grade: \_\_\_\_\_

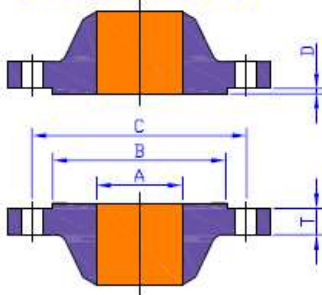
## 5. Standard Flange

Size: \_\_\_\_\_ Rating: \_\_\_\_\_ Std.: \_\_\_\_\_  
 Material: \_\_\_\_\_ Flange Type: RF / FF/ Tongue & Groove  
 Surface Finish: \_\_\_\_\_ RMS: \_\_\_\_\_ Finish: Concentric / Phonographic

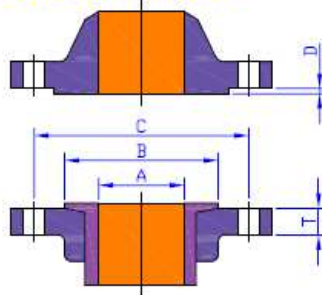
## 6. Non-Standard Flange

Flange Style: \_\_\_\_\_ Flange Material: \_\_\_\_\_  
 Dimensions: A = \_\_\_\_\_ B = \_\_\_\_\_ C = \_\_\_\_\_ D = \_\_\_\_\_ T = \_\_\_\_\_ (mm / inch)  
 No. Bolts / Studs: \_\_\_\_\_ Size: \_\_\_\_\_ Matl. Grade: \_\_\_\_\_

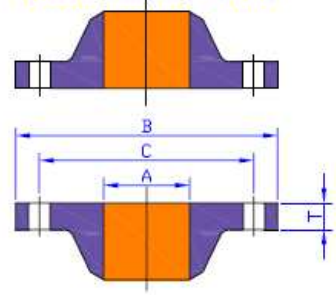
1. Raised Face (R.F.)



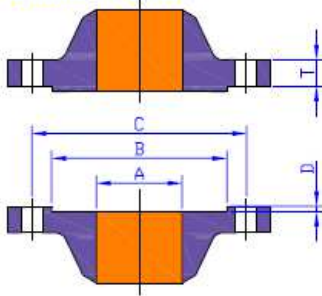
2. R.F. or Van Stone



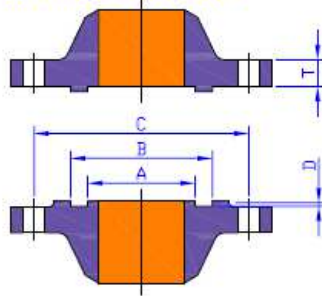
3. Full / Flat Face (F.F.)



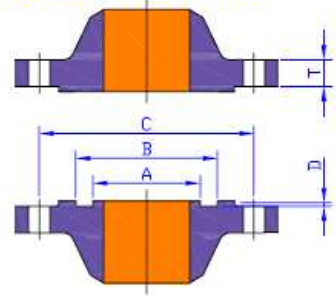
4. Male / Female



5. Tongue & Groove



6. Groove to Flat Face



7. Current Gasket Installed: \_\_\_\_\_

# APPLICATION DATA FORM 2

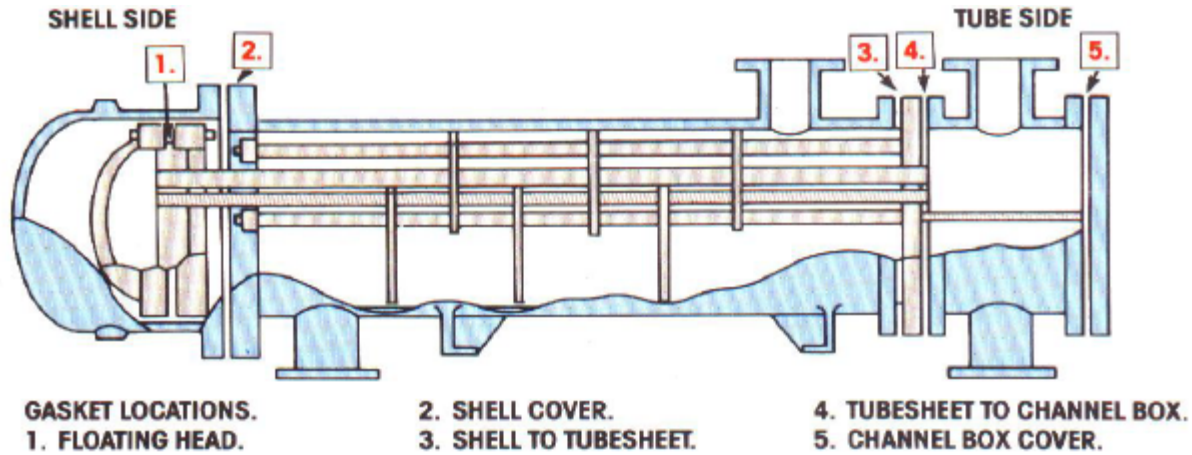


Contact:  
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## 1. Heat Exchanger

Tag No. \_\_\_\_\_



For Pass-Bar configuration, see attached sheet (DRG.11213, latest revision)

## 2. Medium (Material Compatibility)

Media: \_\_\_\_\_ pH: \_\_\_\_\_  
 Concentration: \_\_\_\_\_ Liquid / Gas  
 Cleaning:    Steam      Water      Caustic      Other: \_\_\_\_\_

## 3. Operating Conditions

Condition	Shell Side	Tube Side
Design Press.		
Test Press.		
Operating Press.		
Design Temp.		
Operating Temp.		

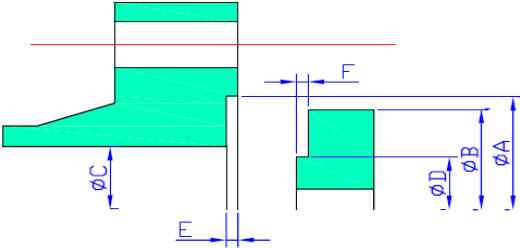
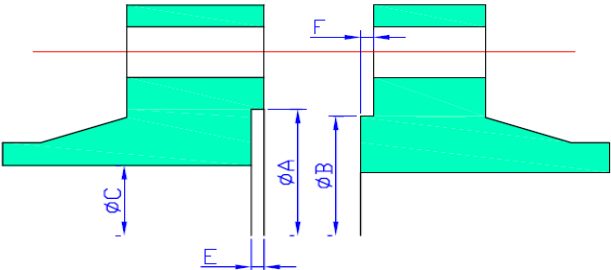
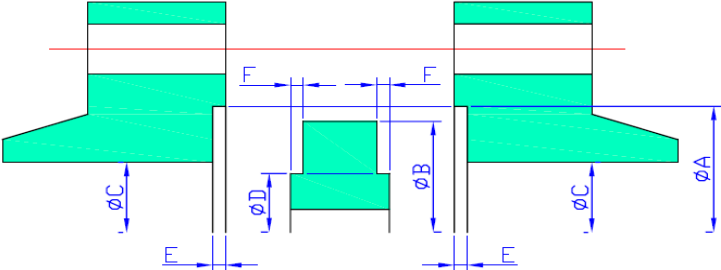
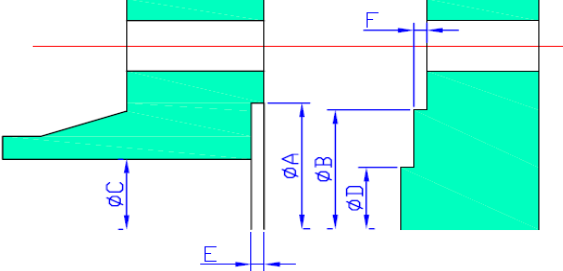
Thermal Gradient Across Dia. Of Gasket: \_\_\_\_\_  
 Thermal Cycling: \_\_\_\_\_ Vibration: \_\_\_\_\_  
 Other Comments: \_\_\_\_\_

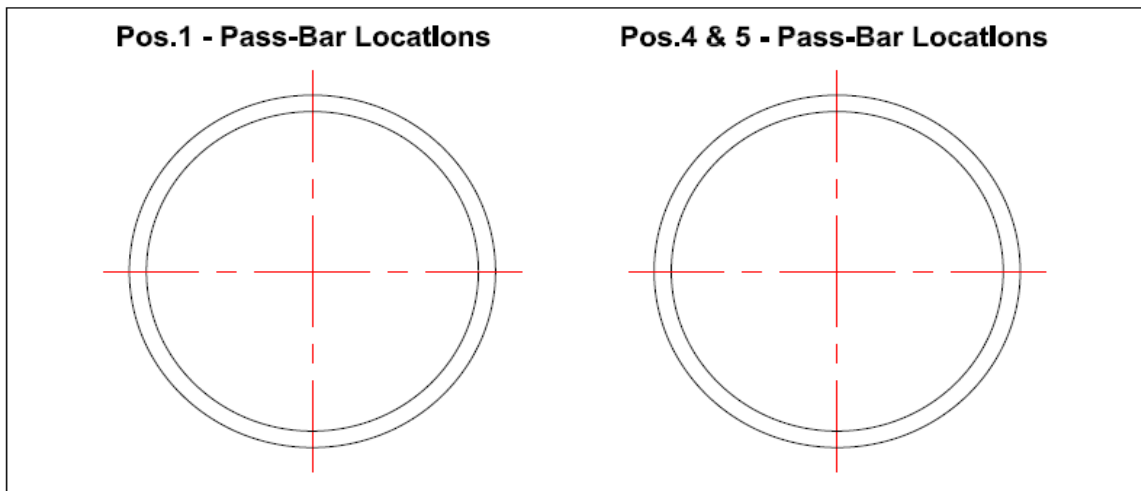
## 4. Fasteners

Matl Grade: \_\_\_\_\_ Washers Installed: Yes / No

## 5. Flange Conditions

Flange Material: \_\_\_\_\_  
 Surface Finish: \_\_\_\_\_ RMS      Finish: Concentric / Phonographic  
 Nubbins Present: Yes / No      (If Yes, will Nubbins be removed) \_\_\_\_\_  
 Other Comments: \_\_\_\_\_

<p><b>Pos.1 Floating Head</b></p> 	<p>A = B = C = D = E = F = No. of Studs = Size of Studs = Pass-Bar Config. = Current Gasket: Gasket Dims:</p>
<p><b>Pos.2 Shell Cover</b></p> 	<p>A = B = C = D = E = F = No. of Studs = Size of Studs = Current Gasket: Gasket Dims:</p>
<p><b>Pos.3 Shell / Tubesheet</b>      <b>Pos.4 Channel / Tubesheet</b></p> 	<p>A = B = C = D = E = F = No. of Studs = Size of Studs = Pass-Bar Pos.4 = Current Gasket: Gasket Dims:</p>
<p><b>Pos.5 Channel Box Cover</b></p> 	<p>A = B = C = D = E = F = No. of Studs = Size of Studs = Pass-Bar Config. = Current Gasket: Gasket Dims:</p>





# APPLICATION DATA FORM 4.



**Contact:**  
**Company:**  
**Address:**

**Date:**  
**Tel. No.:**  
**Fax. No.:**  
**E-mail:**

## 1. Equipment

**Tag No.**

Pump Type: Centrifugal / Reciprocating

Type: \_\_\_\_\_ Other: \_\_\_\_\_

## 2. Medium (Material Compatibility)

Media: \_\_\_\_\_ pH: \_\_\_\_\_

Concentration: \_\_\_\_\_ Liquid / Gas \_\_\_\_\_

Entrained Abrasives / Abrasive Product: \_\_\_\_\_

Flush: Steam / Water / Product / Other: \_\_\_\_\_

Approval Required: WRAS / FDA / TALuft / Other. \_\_\_\_\_

## 3. Operating Conditions

Temperature – Min.: \_\_\_\_\_ Max.: \_\_\_\_\_ Cont. Operating: \_\_\_\_\_

Temperature At Stuffing Box: \_\_\_\_\_

Thermal Cycling: \_\_\_\_\_ Vibration: \_\_\_\_\_

Pressure - Min.: \_\_\_\_\_ Max.: \_\_\_\_\_ Cont. Operating: \_\_\_\_\_

Hydrostatic Pressure Test: \_\_\_\_\_

Shaft Speed: \_\_\_\_\_ Shaft Stroke Length (recip): \_\_\_\_\_

Maximum Shaft Run-Out (TIR): \_\_\_\_\_ System Cycles: \_\_\_\_\_

**4. Current Packing Installed:** \_\_\_\_\_

## 5. Shaft & Stuffing Box Condition (i.e. surface finish, score marks etc):

Shaft / Shaft Sleeve: \_\_\_\_\_

Stuffing Box Bore: \_\_\_\_\_

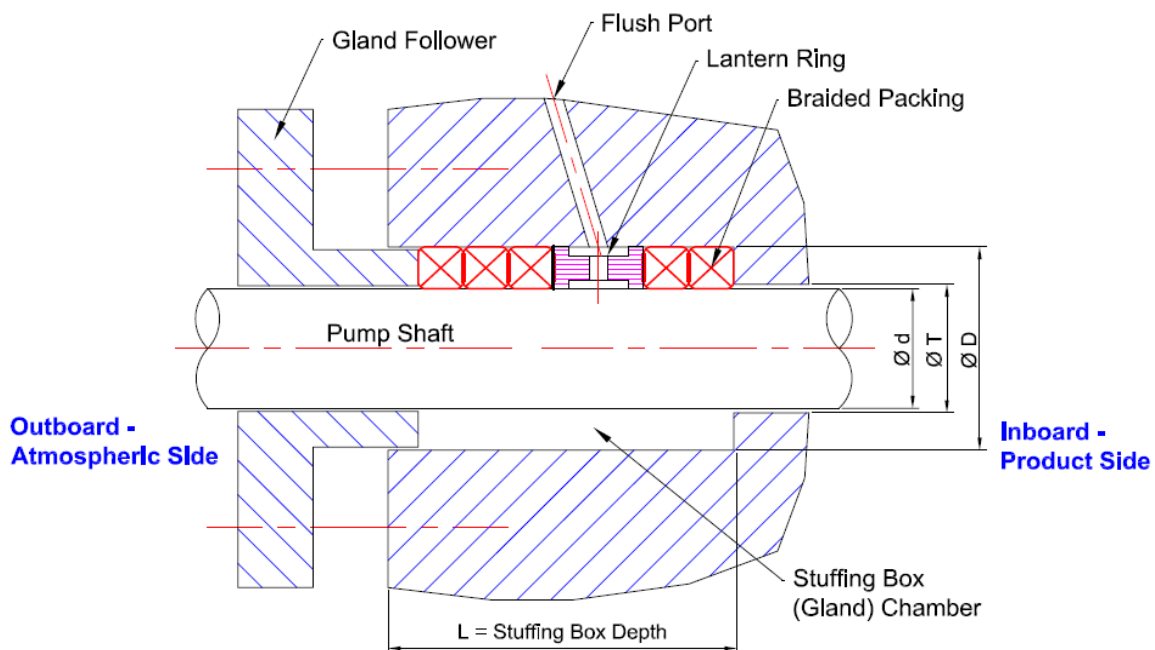
## 6. Stuffing Box Details

Stuffing Box Bore 'D' = \_\_\_\_\_ Shaft Diameter 'd' = \_\_\_\_\_

Stuffing Box Depth 'L' = \_\_\_\_\_ Throat Diameter 'T' = \_\_\_\_\_

No. Of Gland Bolts: = \_\_\_\_\_ Size Of Gland Bolts: = \_\_\_\_\_

Lantern Ring Present: \_\_\_\_\_



**7. Other Details (i.e. life span of current packing / failure mode etc.):**