Flange/Joint Assembly Checklist

Company: _____

Project:		**Document No.**	201608-TUF-00001
FIC Title:		**WP No.**	
Location:			

Drawing Number	Revision	Drawing Number	Revision

No.	Inspection Activities	Conforms		Comments
		ACCEPT	N/A	
1	**FLANGES**			
1.1	Check both Flange Faces are Clean, Damage Free and that the Gramaphone Finish is in Good Condition			
1.2	Ensure that the Flange Surface comply to Allowable Gasket contact surface flatness and defect depth			
1.3	Are the Flanges Aligned within Tolerance. (Record the Maximum Angular Mis-Alignment in the Comments Column)			
1.4	Are the Flanges parallel within Tolerance. (Record the Maximum Parallel Mis-Alignment in the Comments Column)			
1.5	Confirm the Nut Seating Area on the Flanges is Clean, Smooth and Free of Paint.			
2	**GASKETS AND STUDS**			
2.1	Is the New Gasket Free of Damage, check for defects in the Spiral Windings or Scoring of the RTJ Surface			
2.2	Check that the Studs are in Good Condition and are the Correct Size and Material for the Pipe Class.			
3	**MAKING UP THE FLANGE**			
3.1	Equipment:			
3.2	Model / Serial No:			
3.3	Torque Range:			
3.4	Calibration Expiry Date:			
4	**BOLT TORQUE**			
4.1	Confirm approved Anti-seize has been Applied to the Studs and the Nut Seating Area.			
4.2	Torque Studs at 25%: Nm			
4.3	Torque Studs at 50%: Nm			
4.4	Torque Studs at 75%: Nm			
4.5	Torque Studs at 100%: Nm			
4.6	Confirm all Studs 100% tight			

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No.	Inspection Activities	Conforms		Comments
		ACCEPT	N/A	
4.7	Confirm flange tag has been installed and sign off			

Contractor Engineer	Contractor QC Inspector	Clients Representative
Name:	**Name:**	**Name:**
Signature:	**Signature:**	**Signature:**
Date:	**Date:**	**Date:**

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