

Piping Field Inspection Checklist

Company: _____

Project:		Document No.	201608-TUF-00002	
FIC Title:		WP No.		
Location:				
Drawing Number	Revision	Drawing Number	Revision	
No.	Inspection Activities	Conforms		Comments
		ACCEPT	N/A	
	PIPING			
1	Fit-up is acceptable; horizontal lines are level, except where slope is indicated on the design drawings			
2	Pipe size, schedule and type of material is correct			
3	Verify Flange Ratings are correct			
4	Correct pipe fittings (Tee, reducer, weldolet etc.) are located and orientated per specification, standards and design installation drawing			
5	Vents are installed at high points and drains at low points			
6	No carbon steel contact with stainless steel components			
7	Welding and NDE is in compliance with codes and project specification			
8	Verify internal Pipe cleanliness prior to fit up			
	VALVES			
1	Check – Globe and Control valves are installed with flow in correct direction as indicated on P&ID			
2	Valves are accessible, operable and the correct orientation.			
3	Drains and flushing connections to valve bodes are installed, accessible and operable as required.			
	BOLTS AND STUDS			
1	Bolting is appropriate length, diameter and material			
2	Thread lubricant is used if required.			
3	All bolts or studs are installed and tight or torqued/tensioned as required. Studs have a minimum one thread past nuts and have equal projection beyond nuts per project specifications.			
4	Verify the gasket installed as per specification and the correct type as per design.			
	PIPE SUPPORTS AND EXPANSION JOINTS			
1	Line is supported properly. Drawings shall be checked to confirm all supports are installed as per design.			

No.	Inspection Activities	Conforms		Comments
2	Check clearances for pipe expansion at the anchor locations, shoes are properly positioned in relation to support and allow for expansion.			
3	Remove all temporary supports			
4	Check supports for conformance to design drawing			
5	Lines at pumps on other equipment shall be carefully checks for undue stresses on equipment flanges. Pipe supports are straight and plumb.			
6	Baseplates should be grouted as required			
7	U-bolts should be verified for compliance to the design details. Guides should have the proper gap.			
8	Spectacle blinds, blinds and spacers are installed as required and are the correct thickness.			
	Seal Welding			
1	Seal welding is complete as required			
2	Exposed threads are covered by seal weld			
3	No pipe thread sealant or tape is to be used in screwed joints to be seal welded			

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