

Line ID: _____



Inspector Name: _____

Media: _____

ID Number: _____

Temperature: _____

Date: _____

	Description	Check by Installer	Accepted by Owner
1.	Fitting / Connection Selection	Sign:	Sign:
1.1	P. Min/ Max (within tolerance) - ensure 360 degree axial check on tolerances	Applicator	
1.2	Material type: <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Copper Nickel <input type="checkbox"/> Carbon Steel <input type="checkbox"/> Others: _____ Indicate Number of fittings: _____		Maint. Eng.
1.3	Seal Type: Viton/ EPDM/ Others (pls specify):		
2.	Surface Preparation		
2.1	Check that pipe connection is free of any scale, rust, paint, lacquer, and any major scratches, gouges and dents	Applicator	
2.2	Use Emery cloth to remove debris from pipe to bare metal **external cleaning must be done radially around the pipe**		
DO NOT USE GRINDER OR ANY TOOL THAT WILL LEAVE A ROUGH AND UNEVEN SURFACE			
2.3	Deburr inside and outside diameter on the edges of the cut section	Applicator	
IT IS CRITICAL TO REMOVE ALL SHARP EDGES TO PREVENT DAMAGE TO THE SEALS			
3.	Connection Preparation		
3.1	Mark out the connection joint clearly on both primary and secondary mark		
3.2	Fittings MUST NOT be forced into place. NO Knocking or hammering of fittings.	Applicator	
FITTINGS CAN ONLY BE FITTED ON STRAIGHT SECTIONS OF THE PIPE			
4.	Application		
4.1	Align all fittings on the pipeline before crimping the Pyplok fitting		
4.2	Fitting must be swaged at 10,000psi before releasing pressure	Applicator	
4.2	Swage fitting twice at 90° angle if required		
ENSURE THAT PRIMARY/ SECONDARY MARKINGS ARE VISIBLE AND WITHIN TOLERANCE			
5.	Inspection and Testing		
5.1	Inspection gauge must be tested along the entire fitting (Test at 0° and 90°)		
5.2	Repeat checks using inspection gauge across the entire fitting		
5.3	Verify secondary mark with inspection gauge		
<div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p><u>ACCEPTABLE CRIMP</u></p>  <p>2 Point Contact, 90° Apart Acceptable Crimp</p> </div> <div style="text-align: center;"> <p><u>UNACCEPTABLE CRIMP</u></p>  <p>2 Point Contact, 180° Apart Indicates that diameter of fitting is oversized and need re-crimping</p> </div> </div>		QC Inspector	
REPEAT SWAGE PROCESS IF NOT WITHIN INSPECTION GAUGE ACCEPTANCE			
Job is done in good order and accepted		Inspector	Date
		Executing Engineer	Date



PYPLOK INSTALLATION CHECK LIST

Pre-Installation/Post PYPLOK Installation Photos: