



Engineering Assessment Form

Complete this form to the best of your ability. Do not leave spaces blank. If the information is unknown, simply put "unknown" in the data field. If data has not been verified then please put "Assumed" next to the data. This form is in compliance with ASME PCC-2_2018 "Mandatory Appendix 401-I Design Data Sheet". If you have questions and want help filling out the form then please call HJ3 technical support at: +1 (520) 322-0010, or email PipeCalcs@HJ3.com

Owner Information	
Point of Contact:	
Mobile Phone:	
Email:	
Company Name:	
Street Address:	
City, State, Zip Code:	
Country:	

Certified Installer Information	
Point of Contact:	
Mobile Phone:	
Email:	
Company Name:	
Street Address:	
City, State, Zip Code:	
Country:	

Project Information			
Project Name:		Calculation Package:	
Line Identification:		Response Time:	
High Risk or Low Risk? (Per Part 4 of ASME PCC-2):			

Pipe Component Information			
Nominal Pipe Size (inches):		Minimum Remaining Wall Thickness (inches):	
Outside Diameter (inches):		Insulated (Y/N):	
Original Wall Thickness (inches):		Existing Coating (Y/N):	
Pipe Construction (Material/Grade/Schedule):		Pipe Configuration (Straight /Elbow/Tee/Reducer/Flange):	

Service Conditions			
Service Type:		Vacuum Pressure (psi):	
Operating Pressure – Low (psi):		Operating Temperature – Low (F):	
Operating Pressure – High (psi):		Operating Temperature – High (F):	
Design Pressure (psi):		Design Temperature (F):	
Contents by Chemical (%):		Is Pipe Buried?:	
		Buried Depth (ft):	

Design Information for Component			
Type A (Non-Leaking) or Type B (Leaking):		What is the Goal of Repair?:	
If Type B Leaking, List Leak-Stop info:		Type of Defects (Holes, Thin Walls, Cracks, Gouges, Dents):	
Service Life (Temporary or Long Term):		Shape of Defect (Circular or Rectangular):	
Load Cycles > 100K (Y/N):		Size of Defects (Length x Width or Diameter (inches):	
Corrosion (Internal/External):		Number of Defects by Type:	
Erosion (Internal/External):		Requested Repair Length (feet):	
Maximum Allowable Working Pressure (psi):			

Installation & Environmental Conditions			
What is Required Surface Prep Level?:		Skin Temp During Install (F):	
Shutdown for Install (Y?N):		List Obstructions:	
Surface Prep Restrictions (Y/N):		If Yes, Describe:	

Notes