



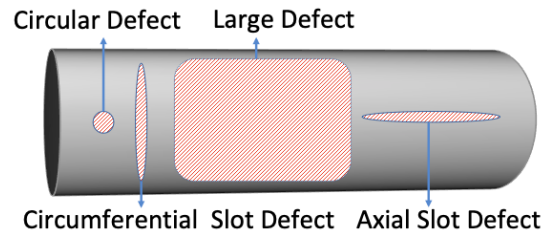
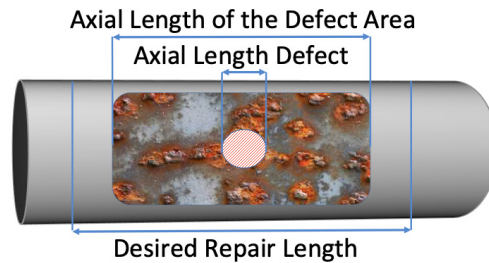
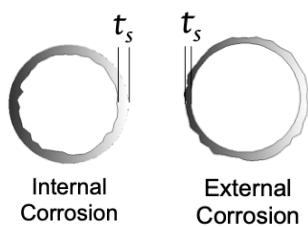
CarbonSeal™

Engineering Assessment Form Process Piping



Building Stronger Bonds™

Owner Information				Certified Installer Information			
Point of Contact				Point of Contact			
Mobile Phone				Mobile Phone			
Email				Email			
Company Name				Company Name			
Street Address				Street Address			
City, State, Zip Code				City, State, Zip Code			
Country				Country			
Project Information							
Project Name				Calculation Package			
Structure Identification				Response Time			
Estimated Start Date				Repair Window			
Pipe Component Information							
Outside Diameter (in)				Pipe Configuration (Straight/Elbow/Tee/Reducer/Flange)			
Original Wall Thickness (in)							
Pipe Construction				SMYS (psi) and Class Factor			
Service Conditions							
Design Pressure (psi)				Design Temperature (F)			
Operating Pressure (psi)				Operating Temperature (F)			
Vacuum Pressure (psi)				Contents by Chemical (%)			
Load Cycles > 100K (Y/N)				Service type			
Is Pipe Buried?		Buried Depth (in)		Contents by Chemical (%)			



Defect Information			
Type A (Non-Leaking) or Type B (Leaking / less 1mm 0.04in)		Type of Defects	
Corrosion (Internal/External/Both)		Internal corrosion rate	
Erosion (Internal/External/Both)		Stopgap dimensions (in)	
Axial length of the defect (in)		Number of Defects	
Axial length of the damaged area (in)		Remaining wall thickness (in)	
Desired repair length (in)		% Wall loss	

Installation & Environmental Conditions			
Shutdown for Install (Y/N)		List Obstructions	
Skin Temp During Install (F)			
Surface Prep Restrictions (Y/N)			

Notes & Special Instructions			

If you have questions or would like assistance filling out the form then please call HJ3 technical support at +1 (520) 322-0010, or email engineering@hj3.com



Multiple Defect Worksheet

Defect Information		Defect Reference:	
Type A (Non-Leaking) or Type B (Leaking / less 1mm 0.04in)			Type of Defects
Corrosion (Internal/External/Both)		Internal corrosion rate	
Erosion (Internal/External/Both)		Stopgap dimensions (in)	
Axial length of the defect (in)		Number of Defects	
Axial length of the damaged area (in)		Remaining wall thickness (in)	
Desired repair length (in)		% wall loss	
Notes & Special Instructions			
Defect Information		Defect Reference:	
Type A (Non-Leaking) or Type B (Leaking / less 1mm 0.04in)			Type of Defects
Corrosion (Internal/External/Both)		Internal corrosion rate	
Erosion (Internal/External/Both)		Stopgap dimensions (in)	
Axial length of the defect (in)		Number of Defects	
Axial length of the damaged area (in)		Remaining wall thickness (in)	
Desired repair length (in)		% Wall loss	
Notes & Special Instructions			
Defect Information		Defect Reference:	
Type A (Non-Leaking) or Type B (Leaking / less 1mm 0.04in)			Type of Defects
Corrosion (Internal/External/Both)		Internal corrosion rate	
Erosion (Internal/External/Both)		Stopgap dimensions (in)	
Axial length of the defect (in)		Number of Defects	
Axial length of the damaged area (in)		Remaining wall thickness (in)	
Desired repair length (in)		% Wall loss	
Notes & Special Instructions			
Defect Information		Defect Reference:	
Type A (Non-Leaking) or Type B (Leaking / less 1mm 0.04in)			Type of Defects
Corrosion (Internal/External/Both)		Internal corrosion rate	
Erosion (Internal/External/Both)		Stopgap dimensions (in)	
Axial length of the defect (in)		Number of Defects	
Axial length of the damaged area (in)		Remaining wall thickness (in)	
Desired repair length (in)		% Wall loss	
Notes & Special Instructions			