



CarbonSeal™

Engineering Assessment Form Pressure Vessel



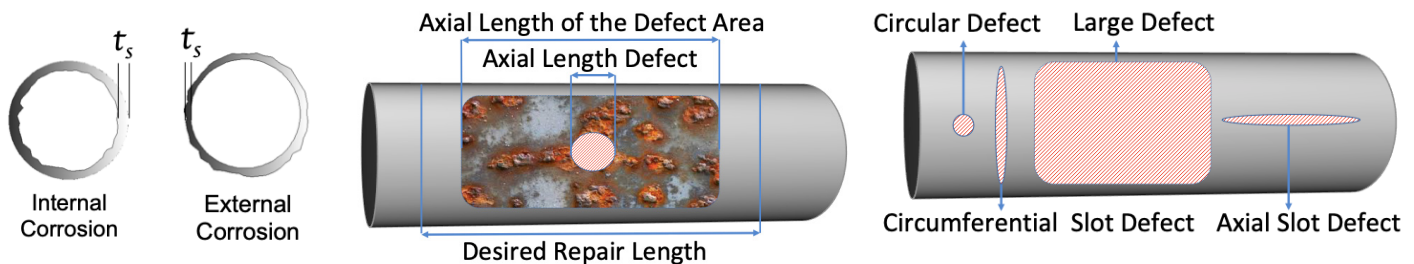
Building
Stronger
Bonds™

| 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 | |

| Vessel Component Information | | | |
|------------------------------|--|------------|--|
| Outside Diameter (in) | | SMYS (psi) | |
| Original Wall Thickness (in) | | | |
| Vessel Construction | | | |

| Service Conditions | | | |
|-------------------------------------|--|---------------------------|--|
| Design Pressure (psi) | | Design Temperature (F) | |
| Operating Pressure (psi) | | Operating Temperature (F) | |
| Vacuum Pressure (psi) | | Contents by Chemical (%) | |
| ASME BPVC Section VIII Div. 1 (Y/N) | | Service type | |



| 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



CarbonSeal™

Engineering Assessment Form Pressure Vessel



Building Stronger Bonds™

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 | | | |
| | | | |