**REPAIR ASSESSMENT FORM:** 

|  |
| --- |
| **1. CUSTOMER INFORMATION** |
| Company |  |
| Contact Person |  |
| Address |  |
|  |
|  |
|  |
| Country |  |
| Telephone |  |
| E-mail Address |  |

|  |
| --- |
| **2. PIPE CONDITIONS** |
| Installation |  |
| Location |  |
| Pipe Identification/ Reference |  |
| Pipe Material/ Grade |  | Nominal Pipe Dia. |  |
| Pipe OD |  | Pipe Schedule |  |
| Pipe Wall Thickness (mm) |  | Current Wall Thickness |  |
| Pipe Medium |  |
| Design Temp, max (°C) |  | Max Operating Temp.(°C) |  |
| Design Temp, min (°C) |  | Min Operating Temp. (°C) |  |
| Design Pressure (psi) |  | Operating Pressure (psi) |  |
| Existing Pipe Coating |  |
| No of years in operation |  |

Note: For any original design calculations, piping isometrics shall be appended to this data sheet

|  |
| --- |
| **3. DEFECT INFORMATION** |
| Location of Defect | Straight pipe / Tee-Joint / Elbow / Others |
| Type of Defect (tick) | Leak |  | Corrosion |  | Others |  |
| Cause of Defect | Corrosion |  | Erosion |  |
| Effect | External |  | Internal |  |
| Size of Defect (For Leak) | Length |  | Width |  |
| Size of Defect (For Corrosion) | Area |  | Depth |  |
| Other Information |  |
|  |
|  |
|  |  |

|  |
| --- |
| **3. DEFECT INFORMATION (con’t)** |
| Details of Defect (sketch or draw):Weld Joint |

|  |
| --- |
| **4. CONDITIONS DURING REPAIR WORKS** |
| Is Grit blasting permissible? | Yes / No |
| Can pipe be depressurised? | Yes / No |
| Pipe Temperature during repair | Minimum |  | Maximum |  |
| Ambient Temperature during repair | Minimum |  | Maximum |  |
| Any constraints during repair? |  |
|  |
|  |
|  |
|  |
|  |
| Other Information(e.g. Remarks on previous repairs, fire protection requirements, available design calculations, etc.) |  |
|  |
|  |
|  |

Prepared By: 