**REPAIR ASSESSMENT FORM:** 

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

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| **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

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

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| **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? |  | | | |
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| Other Information  (e.g. Remarks on previous repairs, fire protection requirements, available design calculations, etc.) |  | | | |
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Prepared By: 