## Damage Summary Drawing

To create Field Design Package, Corrosion Group (responsible for inspection) should provide damage summary drawing, the key information and requirements that should be included are:

1. Title Block:

- Drawing title (e.g., "Damage Summary")

- Equipment/component names (e.g., "PIG LAUNCHER," "PIG RECEIVER")

- Design parameters (shell, barrel, reducer, pump details with pressure, temperature, diameter)

2. Damage Summary Table:

- Location identifiers (e.g., B1, F2)

- Grade or severity of damage

- Percentage or extent of wall loss

- Inspection method used (e.g., UT, VT)

- Circumferential pipe stress (CPS) or remaining wall calculations

3. Isometric View/Sketch:

- Scaled representation of the equipment/piping layout

- Clear identification of damage locations (e.g., numbered or labeled)

- Indication of flow direction, if applicable

4. Detail Views/Sections:

- Close-up views or sections of specific damage areas

- Dimensions or measurements related to the damage

5. Notes and Legends:

- General notes (e.g., "ALL DAMAGE IS INTERNAL UNLESS OTHERWISE NOTED")

- Explanation of symbols, line types, or abbreviations used

- Reference information (e.g., "THIS DRAWING IS FOR LOCATION ONLY")

6. Revision Information:

- Unique drawing or traveler number for tracking

- Revision history or date of latest update

7. Company/Project Information:

- Company logo or name

- Project or site details

- Any additional relevant information (e.g., discipline, unit, area)

The primary objectives of this type of drawing are to clearly communicate the location, extent, and severity of damage through a combination of tabular data, isometric sketches, and detailed views. It should provide sufficient information to support decision-making for repair or replacement activities while adhering to industry standards and company practices.