

TECHNICAL DATA SPECIFICATION FOR TECHNOLOGY CHALLENGE 4:

EFFECTIVE FIELD INSPECTION TOOL TO DETECT AND ASSESS CORROSION UNDER INSULATION (CUI) FOR NOZZLES AND PIPING SYSTEMS.

| Parameters | Value |
|-----------------------|--|
| Operating Temperature | From -160°C to 300°C. |
| Pipe size | Less than 2 inch up 36 inch. |
| Geometry | Elbow, Tee, Horizontal pipe, Bend, Vertical run and reducer. |
| Metal Substrate | Carbon Steel, Alloy Steel, 300 Series SS, 400 Series SS and Duplex SS. |
| Rating | Compliance with EX- rating |
| Data | Capable of data storage (Inspection) and saved in common format |