



GC Maintenance and Engineering
Company Limited

UTM REPORT

Customer: _____ **Date:** _____ **Sheet:** _____

Location: _____ **Job No:** _____

Description: _____ **Part No/Item No:** _____

Thickness: _____ **Material Type:** _____

Examination surface: Bare metal Through paint

Equipment:

Manufacturer: _____ **Serial no.:** _____

Model: _____ **Scanning technique** _____

Probe:

Manufacturer: _____ **Diameter (mm):** _____

Model: _____ **Frequency (Hz):** _____

Serial no.: _____

Probe configuration: Single Dual Delay tip

Others:

Couplant: _____ **Step wedge:** _____

Instrument Setting:

Calibration range (mm): _____ **Sound velocity (m/s):** _____

Calibration mode: Standard Echo-to-echo

Test information:

Test type

- 1.Thickness measurement test, all candidate shall be required for this test.
- 2.Corrosion characterization & sizing test, this is the test for candidate who intend to qualify as characterization & sizing inspector program and is not mandatory for all candidate.

Grid Corrosion type

- First line: Measured data in each grid
 - Second line: Corrosion type identification
- No corrosion
 - General corrosion
 - Localized corrosion
 - Pitting

Example: grid

| |
|--------------------------|
| 20.5 |
| <u>General corrosion</u> |
| 1 |

Inspected by _____ **Approved by** _____



GC Maintenance and Engineering
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THICKNESS MEASUREMENT GRID REPORT

| | | |
|---------------------|-------------------------|---------------|
| Customer: | Date: | Sheet: |
| Location: | Job No: | |
| Description: | Part No/Item No: | |
| Thickness: | Material Type: | |

| | | | |
|----|----|----|----|
| 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 |
| 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 |

Remark: In case of NPS 2 pipe, there are 12 grids in the test specimen, the right-side column of grid no.4, 8, 12, and 16 shall be excluded.

| | |
|---------------------|--------------------|
| Inspected by | Approved by |
| | |