

## ULTRASONIC THICKNESS TESTING

|                          |  |                      |                                      |
|--------------------------|--|----------------------|--------------------------------------|
| <b>Client:</b>           | Rhinos Diesel Services                       | <b>Page no:</b>      | Page 1 of 2                          |
| <b>Test Location:</b>    | 160 Winnellie Road, Winnellie NT 0820        | <b>Date of Test:</b> | 29/7/2022                            |
| <b>Order No / Req:</b>   | 017510                                       | <b>Report No.:</b>   | UTT01 - 662 - Rhinos Diesel Services |
| <b>Test Description:</b> | Thickness testing on vessel SN: AP 750 03806 |                      |                                      |

|                             |                        |                           |                            |
|-----------------------------|------------------------|---------------------------|----------------------------|
| <b>Test standard:</b>       | ISO 17640 - 2018       | <b>Test Procedure:</b>    | TESTP-410                  |
| <b>Stage of Test:</b>       | In service             | <b>Method of Test:</b>    | Single Spot                |
| <b>Surface Preparation:</b> | None                   | <b>Area of Test:</b>      | As shown in drawing bellow |
| <b>Surface Temperature:</b> | Ambient                | <b>Material:</b>          | Carbon steel               |
| <b>Calibration Method:</b>  | 2 Step                 | <b>Couplant:</b>          | UCA-7                      |
| <b>Test Restrictions:</b>   | Tested through coating | <b>Order of Accuracy:</b> | +/- 0.25 mm                |

## EQUIPMENT

|                           |                   |                      |        |
|---------------------------|-------------------|----------------------|--------|
| <b>UTT Set:</b>           | Olympus 38DL Plus | <b>Asset number:</b> | DO1844 |
| <b>Calibration Block:</b> | Step Wedge        | <b>Asset number:</b> | DO1678 |

| Serial No / Type | Crystal Size | Freq (MHz) |
|------------------|--------------|------------|
| TC, SN: 1152804  | 6mm          | 7.5MHz     |

## RESULTS

**Drawing № / Test Location**  
**Thickness Readings**



Overview of vessel

**Technician:** Jon Miller

**Qual:** PCN# 336737 UTT L2

**Sign:**



## ULTRASONIC THICKNESS TESTING CONT

|                |                        |                   |                                      |
|----------------|------------------------|-------------------|--------------------------------------|
| <b>Client:</b> | Rhinos Diesel Services | <b>Report No:</b> | Utt01 - 662 - Rhinos Diesel Services |
|----------------|------------------------|-------------------|--------------------------------------|

| Drawing № / Test Location | Thickness Readings |
|---------------------------|--------------------|
|---------------------------|--------------------|

Vessel SN: AP 750 03806

|             | 1   | 2      | 3   | 4   | 5   | 6   |
|-------------|-----|--------|-----|-----|-----|-----|
| <b>A</b>    | 6.3 | 6.3    | 6.0 | 6.1 | 6.4 | 6.1 |
| <b>B</b>    | 6.2 | 6.3    | 6.0 | 6.0 | 6.1 | 6.2 |
| <b>C</b>    | 6.1 | 6.0    | 6.3 | 6.2 | 6.2 | 6.3 |
| <b>D</b>    | 6.0 | 6.1    | 6.2 | 6.3 | 6.2 | 6.1 |
| <b>E</b>    | 6.3 | 6.2    | 6.1 | 6.1 | 6.2 | 6.0 |
| <b>F</b>    | 6.2 | 6.0    | 6.3 | 6.0 | 6.3 | 6.1 |
| <b>G</b>    | 6.1 | 6.3    | 6.2 | 6.0 | 6.1 | 6.2 |
| <b>H</b>    | 6.1 | 6.2    | 6.4 | 6.2 | 6.0 | 6.3 |
| <b>Dome</b> | Top | Bottom |     |     |     |     |
| <b>I</b>    | 5.9 | 5.9    |     |     |     |     |
| <b>J</b>    | 5.8 | 6.0    |     |     |     |     |
| <b>K</b>    | 5.9 | 6.1    |     |     |     |     |
| <b>L</b>    | 6.1 | 6.0    |     |     |     |     |
| <b>M</b>    | 5.6 | 5.9    |     |     |     |     |
| <b>N</b>    | 5.8 | 5.7    |     |     |     |     |
| <b>O</b>    | 6.0 | 6.1    |     |     |     |     |
| <b>P</b>    | 5.9 | 5.8    |     |     |     |     |

