

	<b>MAJOR TURNAROUND 2025 PRESSURE VESSEL INSPECTION REPORT</b>	Report no.: <b>PLANT/01/VR-V-001/TA2025</b> Report date: 05 Dec 2025 Plant/Unit/Area: Plant 1
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Equipment tag no: V-001  
Equipment description: Test Pressure Vessel

DOSH registration no.: MK PMT 1001

**FINDINGS, NDTs & RECOMMENDATIONS**

**FINDINGS**

Initial/Pre-Inspection - Not applicable

**Post/Final Inspection**

**Internal**

- 1 1.1 Through-wall corrosion detected with active leak or imminent failure risk
- 1.2 External corrosion detected on shell surface, localized area approximately 50mm x 50mm with minimal metal loss
- 2 2.1 Through-wall corrosion detected with active leak or imminent failure risk
- 2.2 Severe corrosion with significant metal loss exceeding 3mm depth

**NON-DESTRUCTIVE TESTINGS**

UTTM: No significant wall loss detected compared to nominal thickness upon testing. Please refer UTTM report for complete documentation.

**RECOMMENDATIONS**

- 1: 1.1 Engineering assessment required to determine repair methodology
- 1.2 Plan repair for next major turnaround
- 2: 2.1 Continue monitoring during routine inspections, document progression
- 2.2 Monitor on next scheduled inspection, no immediate action required

Inspected by:

Reviewed by:

Approved by (Client):

Recommendation/Comment by DOSH Officer (if applicable):

Name: Signature: Date:

Action taken by Plant 1 on recommendation by DOSH (if applicable):

Name: Signature: Date:

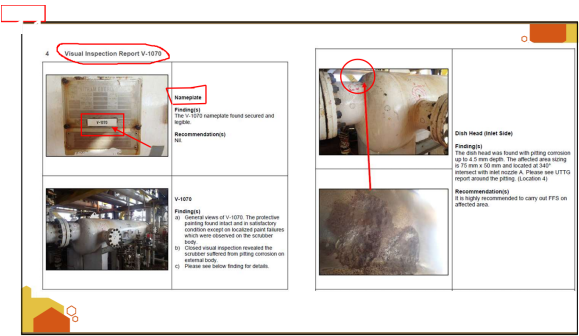
	<div>MAJOR TURNAROUND 2025</div> <div>PRESSURE VESSEL INSPECTION REPORT</div>	<div>Report no.: PLANT/01/VR-V-001/TA2025</div> <div>Report date: 05 Dec 2025</div> <div>Plant/Unit/Area: Plant 1</div>
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PHOTOS REPORT

Photo 1



Finding:

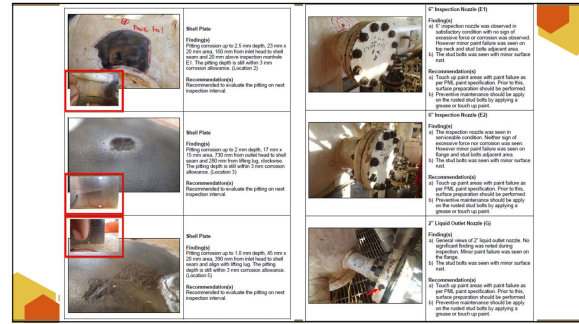
1.1 1.1 Through-wall corrosion detected with active leak or imminent failure risk

1.2 External corrosion detected on shell surface, localized area approximately 50mm x 50mm with minimal metal loss

Recommendation:

1.1 1.1 Engineering assessment required to determine repair methodology

1.2 Plan repair for next major turnaround



Finding:

1.2 1.1 Through-wall corrosion detected with active leak or imminent failure risk

1.2 External corrosion detected on shell surface, localized area approximately 50mm x 50mm with minimal metal loss

Recommendation:

1.2 1.1 Engineering assessment required to determine repair methodology

1.2 Plan repair for next major turnaround

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Equipment tag no: V-001

Equipment description: Test Pressure Vessel

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PHOTOS REPORT

Photo 2

Asset Integrity Management Department  
Photo Inspection Report

Form

Visual External Inspection

Inspection Date: 05 Dec 2025

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Item	Tag	Description	Inspection Date
1. External view of equipment	V-001	External view of equipment	05 Dec 2025
2. External view of equipment	V-001	External view of equipment	05 Dec 2025
3. External view of equipment	V-001	External view of equipment	05 Dec 2025

Asset Integrity Management Department  
Photo Inspection Report

Form

Visual External Inspection

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1. External view of equipment	V-001	External view of equipment	05 Dec 2025
2. External view of equipment	V-001	External view of equipment	05 Dec 2025
3. External view of equipment	V-001	External view of equipment	05 Dec 2025

**Finding:**

2.1 2.1 Through-wall corrosion detected with active leak or imminent failure risk

2.2 Severe corrosion with significant metal loss exceeding 3mm depth

**Recommendation:**

2.1 2.1 Continue monitoring during routine inspections, document progression

2.2 Monitor on next scheduled inspection, no immediate action required