

	<b>MAJOR TURNAROUND 2025</b> <b>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

DOSH registration no.: MK PMT 1001

Equipment description: Test Pressure Vessel

## 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:

# MAJOR TURNAROUND 2025

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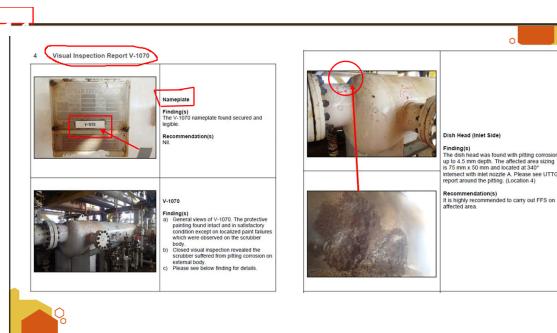
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### PHOTOS REPORT

#### Photo 1



#### Finding:

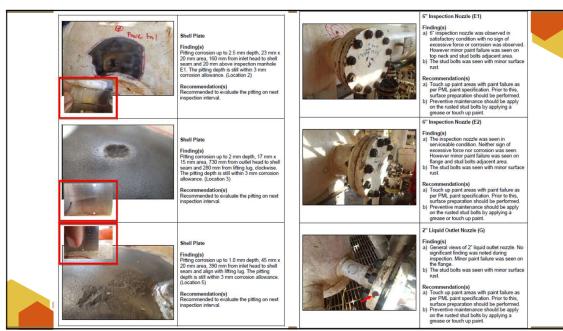
1.1 1.1 Through-wall corrosion detected with active leak or imminent failure risk

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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### PHOTOS REPORT

#### Photo 2

Asset Integrity Management Department Photo Inspection Report		
ITEM	FINDINGS	REQUIREMENTS
1. General view of equipment	General view of Equipment V-001	<ul style="list-style-type: none"> <li>• No</li> <li>• Specification</li> <li>• Inspection &amp; Test</li> <li>• Visual inspection</li> </ul>
2. Dished Head (both sides)	 	<ul style="list-style-type: none"> <li>• No</li> <li>• Specification</li> <li>• Inspection &amp; Test</li> <li>• Visual inspection</li> </ul>
3. Distributor pipe		<ul style="list-style-type: none"> <li>• No</li> <li>• Specification</li> <li>• Inspection &amp; Test</li> <li>• Visual inspection</li> </ul>

#### 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

Inspected by: Ahmed Mohammed Qaid

Reviewed by:

Approved by (Client):