



VISUAL INSPECTION REPORT

Job Details

Client : PT. Armada Gema Nusantara
Project Name : CMP Project
P.O. Number : 4500215518
Location : HCML FIELD MADURA Straits, East Java
Installation : FPSO KAS III
Date of Inspection : 2024-02-23
Report No : 20AGN22191410PP384
AG IRM Project No : 20AGN2219
Module : M35
Component ID : 2-AC111-56-UA-4138-N
Component Type : Piping
Material : PIPE SMLS A106 Gr B
Design Temperature : 120
Operating Temp : AMB
Design Pressure : 10 Barg
Operating Pressure : 5 - 7 Barg
Rep Line : No
Corrosion Loop : 053-IA/UA-C
Line From : UTILITY DISTRIBUTION HEADER (MARINE PIPE RACK)
Line To : MODULE-35 UTILITY AIR SUPPLY (FLANGED)
P&ID : BAE-50120-PR-DW-0001

Inspection Summary

Isometric Index	Results	Rectification WO No.
tes	tes	tse

External Inspection Checklist for Process Piping

2-AC111-56-UA-4138-N

Section 1 - Structural

- a) Check and ensure expansion joints are not bent out of shape.
- b) Check for any dents and misalignments, overhung, inadequate

Status	Discrepancy	Photo ref
X		
✓		

Section 2 - Piping Supports

- a) Check for missing supports that can cause the pipe to rupture under weight.

Status	Discrepancy	Photo ref
X		

Section 3 - Coating

- a) Assess the coating condition of the piping system.

Status	Discrepancy	Photo ref
N/A		

Section 4 - Leaks

- a) Check for leaks and identify locations.

Status	Discrepancy	Photo ref
X		

Section 5 - Corrosion

- a) Identify corroded areas and record them. Take measurements and record pit depth.

Status	Discrepancy	Photo ref
X		

Section 6 - Insulation and Insulation Penetrations

- a) Ensure all cladding is sealed.
- b) Seal all exposed areas.
- c) Expose some insulation are not vibrating or cracking.

Status	Discrepancy	Photo ref
N/A		
✓		
N/A		

Section 7 - Small Bore Attachments

- a) Ensure all small bore attachment are not vibrating or cracking.

Status	Discrepancy	Photo ref
X		

Section 8 - Threaded Plugs

- a) Check condition of threaded plugs to ensure they are not corroded.

Status	Discrepancy	Photo ref
✓		

Legend

- Status ✓ : Drawing as per actual condition, no anomaly
- Status X : Drawing as per actual condition, found anomaly
- Status N/A : Not exist at drawing and actual condition, no access for inspection

Comments

tes

Name:	Qualification	Signature
ERCARTER E. SILALAH	API 570/API 510	



Photographic Support

Surface corrosion on valve



Fig. 1

Surface corrosion on support



Fig. 2



PT. AG IRM SERVIS INDONESIA



ABS In-Water Specialist

Cert No. 21-4655696-A

ABS ESP Hull Gauging

Cert No. 21-4655692-A

ABS Remote Inspection Techniques

Cert No. 21-4996595-A

SKUP MIGAS NDT ★★ ★

VISUAL INSPECTION REPORT

Isometric

