

**Job Details**

Client : PT. Armada Gema Nusantara	Material : PIPE SMLS A106 Gr B
Project Name : CMP Project	Design Temperature : 107,2
P.O. Number : 4500215518	Operating Temp : 65,5 - 88
Location : HCML FIELD MADURA Straits, East Java	Design Pressure : 7 Barg
Installation : FPSO KAS III	Operating Pressure : 5 Barg
Date of Inspection : 2024-04-03	Rep Line : No
Report No : 20AGN22191410PP751	Corrosion Loop : 095-PW-C
AG IRM Project No : 20AGN2219	Line From : MODULE-35(SWS PACKAGE) TP-02
Module : M35	Line To : MODULE-35(PWT PACKAGE) TP-14
Component ID : 2-AC220-16-PW-3072-V	P&ID : 21022-BAE-71600-PR-DW-000221022-BAE-52000-PR-DW-1001
Component Type : Piping	

Inspection Summary

Isometric Index	Results	Rectification WO No.
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External Inspection Checklist for Process Piping

2-AC220-16-PW-3072-V

Section 1 - Structural

- a) Check and ensure expansion joints are not bent out of shape.
 b) Check for any dents and misalignments, overhung, inadequate support and vibration that can cause rupture.

Status	Discrepancy	Photo ref
N/A		
N/A		

Section 2 - Piping Supports

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

Status	Discrepancy	Photo ref
N/A		

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
N/A		

Section 5 - Corrosion

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

Status	Discrepancy	Photo ref
N/A		

Section 6 - Insulation and Insulation Penetrations

- a) Ensure all cladding is sealed.
 b) Seal all exposed areas.
 c) Expose some insulation to check the pipe surface for corrosion.

Status	Discrepancy	Photo ref
N/A		
N/A		
N/A		

Section 7 - Small Bore Attachments

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

Status	Discrepancy	Photo ref
N/A		

Section 8 - Threaded Plugs

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

Status	Discrepancy	Photo ref
N/A	Active corrosion	

Legend

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

Comments

kjshgfs

API Inspector	Name:	Qualification	Signature
	Ercarter E. Silalahi	API 570/API 510	



Photographic Support



Isometric