



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 : 2024-04-02	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 : 20AGN22191410PP751	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

20AGN22191410PP751

Section 1 - Structural	Status	Discrepancy	Photo ref
a) Check and ensure expansion joints are not bent out of shape.	N/A	N/A	
b) Check for any dents and misalignments, overhung, inadequate support and vibration that can cause rupture.	N/A	No discrepancy	
Section 2 - Piping Supports	Status	Discrepancy	Photo ref
a) Check for missing supports that can cause the pipe to rupture under weight.	N/A		
Section 3 - Coating	Status	Discrepancy	Photo ref
a) Assess the coating condition of the piping system.	N/A		
Section 4 - Leaks	Status	Discrepancy	Photo ref
a) Check for leaks and identify locations.	N/A		
Section 5 - Corrosion	Status	Discrepancy	Photo ref
a) Identify corroded areas and record them. Take measurements and record pit depth.	N/A		
Section 6 - Insulation and Insulation Penetrations	Status	Discrepancy	Photo ref
a) Ensure all cladding is sealed.	N/A		
b) Seal all exposed areas.	N/A		
c) Expose some insulation to check the pipe surface for corrosion.	N/A		
Section 7 - Small Bore Attachments	Status	Discrepancy	Photo ref
a) Ensure all small bore attachments are not vibrating or cracking.	N/A		
Section 8 - Threaded Plugs	Status	Discrepancy	Photo ref
a) Check condition of threaded plugs to ensure they are not corroded.	N/A		

Legend

Status : Drawing as per actual condition, no anomaly

Status : Drawing as per actual condition, found anomaly

Status N/A : Not exist at drawing and actual condition, no access for inspection

Comments

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



Photographic Support



Isometric