



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 : 2024-02-19
Report No : 20AGN22191410PP314
AG IRM Project No : 20AGN2219
Module : M35
Component ID : 1-AE200-16-OW-7010-N
Component Type : Piping
Material : PIPE SMLS A790 / A928 Gr UNS S32750
Design Temperature : 107
Operating Temp : 69,8
Design Pressure : 7 Barg
Operating Pressure : 1,7 Barg
Rep Line : No
Corrosion Loop : 078-OW-A
Line From : 1"-CA200-16-OW-7008-N
Line To : 35-VH-1630
P&ID : PID-3501

Inspection Summary

Table with 3 columns: Isometric Index, Results, Rectification WO No. Row 1: S, s, s

External Inspection Checklist for Process Piping

1-AE200-16-OW-7010-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

Table with 3 columns: Status, Discrepancy, Photo ref. Row 1: N/A, s, See photo pages. Row 2: N/A, s, See photo pages

Section 2 - Piping Supports

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

Table with 3 columns: Status, Discrepancy, Photo ref. Row 1: Checkmark, s, See photo pages

Section 3 - Coating

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

Table with 3 columns: Status, Discrepancy, Photo ref. Row 1: N/A, s, See photo pages

Section 4 - Leaks

- a) Check for leaks and identify locations.

Table with 3 columns: Status, Discrepancy, Photo ref. Row 1: N/A, s, See photo pages

Section 5 - Corrosion

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

Table with 3 columns: Status, Discrepancy, Photo ref. Row 1: N/A, s, See photo pages

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.

Table with 3 columns: Status, Discrepancy, Photo ref. Row 1: N/A, s, See photo pages. Row 2: N/A, s, See photo pages. Row 3: N/A, s, See photo pages

Section 7 - Small Bore Attachments

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

Table with 3 columns: Status, Discrepancy, Photo ref. Row 1: N/A, s, See photo pages

Section 8 - Threaded Plugs

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

Table with 3 columns: Status, Discrepancy, Photo ref. Row 1: N/A, s, See photo pages

Legend

- Status Checkmark : 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

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Table with 4 columns: Name, Qualification, Signature, API Inspector. Row 1: Name: Ercarter E. Silalahi, Qualification: API 570/API 510, Signature: [Handwritten], API Inspector



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Photographic Support

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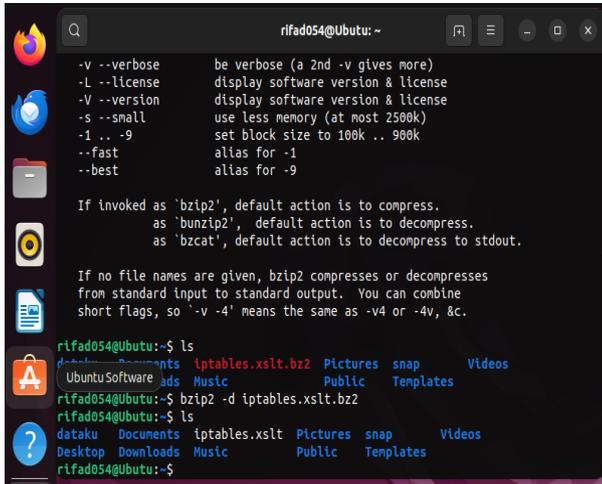


Fig. 1



Fig. 2