



VISUAL INSPECTION REPORT

Job Details

Table with 2 columns: Field Name and Value. Fields include Client, Project Name, P.O. Number, Location, Installation, Date of Inspection, Report No, AG IRM Project No, Module, Component ID, Component Type, Material, Design Temperature, Operating Temp, Design Pressure, Operating Pressure, Rep Line, Corrosion Loop, Line From, Line To, and P&ID.

Inspection Summary

Table with 3 columns: Isometric Index, Results, and Rectification WO No. Multiple empty rows for data entry.

External Inspection Checklist for Process Piping

0,5-AC220-64-DS-4803-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.

Table with 3 columns: Status, Discrepancy, Photo ref. Row 1: N/A, empty, empty. Row 2: N/A, empty, empty.

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: N/A, empty, empty.

Section 3 - Coating

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

Table with 3 columns: Status, Discrepancy, Photo ref. Row 1: N/A, empty, empty.

Section 4 - Leaks

- a) Check for leaks and identify locations.

Table with 3 columns: Status, Discrepancy, Photo ref. Row 1: N/A, empty, empty.

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, empty, empty.

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.

Table with 3 columns: Status, Discrepancy, Photo ref. Row 1: N/A, empty, empty. Row 2: N/A, empty, empty. Row 3: N/A, empty, empty.

Section 7 - Small Bore Attachments

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

Table with 3 columns: Status, Discrepancy, Photo ref. Row 1: N/A, empty, empty.

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, empty, empty.

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

External visual was performed in accordance with API 570, with the findings detailed in this report. The piping was online, opened and at elevated temperature at the time of inspection. Comments as follow:
1. Generally all piping segment was visually in a good condition with no cracking, leaking, bulging, distortion, vibration or mechanical damage present.
2. Noted finding at piping is :
XXX => Custom
XXX => Custom
XXX => Custom
3. Recommendation :
XXXX
XXX
XX
4. It is recommended to label/tagging the piping line so that it can be easily traced and identified (reff to ISO 14726:2008 or ANSI A13.1-2015)
5. Perform next external inspection in a regular basis (every 5 years) as per API 570.

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



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ABS In-Water Specialist
Cert No. 21-4655696-A
ABS ESP Hull Gauging
Cert No. 21-4655692-A
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Cert No. 21-4996595-A
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Photographic Support



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Isometric