



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 : 2024-02-20
Report No : 20AGN22191410PP299
AG IRM Project No : 20AGN2219
Module : M35
Component ID : 1.5-CA200-16-PW-7005-N
Component Type : Piping
Material : PIPE SMLS B444 Gr UNS N06625
Design Temperature : 107
Operating Temp : 69.8
Design Pressure : 92.4 Barg
Operating Pressure : 80 Barg
Rep Line : No
Corrosion Loop : 094-PW-A
Line From : 35-VJ-1610
Line To : 2"-AE200-16-PW-7007-N
P&ID : PID-3501

Inspection Summary

Table with 3 columns: Isometric Index, Results, Rectification WO No.
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External Inspection Checklist for Process Piping

1.5-CA200-16-PW-7005-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
n/a tes See photo pages
n/a ets 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
n/a na.png See photo pages

Section 3 - Coating

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

Table with 3 columns: Status, Discrepancy, Photo ref
n/a tse See photo pages

Section 4 - Leaks

- a) Check for leaks and identify locations.

Table with 3 columns: Status, Discrepancy, Photo ref
n/a ets 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
n/a tes 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
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n/a tse See photo pages
n/a tse 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
n/a tes 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
n/a ets See photo pages

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

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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

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



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Photographic Support

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```
rifad054@Ubuntu:~$ gzip -l iptables.xlst
gzip: iptables.xlst.gz: No such file or directory
rifad054@Ubuntu:~$ ls -l iptables.xslt
-rw-r--r-- 1 rifad054 rifad054 5872 W.Ü. 13 19:04 iptables.xslt
rifad054@Ubuntu:~$ bzip2 -z iptables.xslt
rifad054@Ubuntu:~$ bzip -l
Command 'bzip' not found, but there are 20 similar ones.
rifad054@Ubuntu:~$ bzip2 -l
bzip2: Bad flag '-l'
bzip2, a block-sorting file compressor. Version 1.0.8, 13-Jul-2019.

usage: bzip2 [flags and input files in any order]

-h --help           print this message
-d --decompress    force decompression
-z --compress      force compression
-k --keep           keep (don't delete) input files
-f --force         overwrite existing output files
-t --test          test compressed file integrity
-c --stdout        output to standard out
-q --quiet         suppress noncritical error messages
-v --verbose       be verbose (a 2nd -v gives more)
-L --license       display software version & license
-V --version       display software version & license
```

Fig. 1

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```
rifad054@Ubuntu:~$ ls -l
total 44
drwxrwxr-x 2 rifad054 rifad054 4096 W.Ü. 25 01:58 Templates
drwxr-xr-x 2 rifad054 rifad054 4096 N.Ü. 25 01:58 Videos
-rw-r--r-- 1 rifad054 rifad054 1598 W.Ü. 13 19:04 iptables.xslt.gz
drwxr-xr-x 2 rifad054 rifad054 4096 W.Ü. 25 01:58 Music
drwxr-xr-x 3 rifad054 rifad054 4096 W.Ü. 13 18:58 Pictures
drwxr-xr-x 2 rifad054 rifad054 4096 N.Ü. 3 20:04 snap
drwxr-xr-x 2 rifad054 rifad054 4096 N.Ü. 25 01:58 Templates
drwxr-xr-x 2 rifad054 rifad054 4096 N.Ü. 25 01:58 Videos
rifad054@Ubuntu:~$ gunzip iptables.xslt.gz
rifad054@Ubuntu:~$ ls -l dataku
total 104
-rw-rw-r-- 1 rifad054 rifad054 92160 W.Ü. 13 18:58 arstp.tar
-rw-rw-r-- 1 rifad054 rifad054 9913 W.Ü. 13 19:01 arstp.tar.gz
rifad054@Ubuntu:~$ ls -l iptables
ls: cannot access 'iptables': No such file or directory
rifad054@Ubuntu:~$
```

Fig. 2