

MAGNETIC PARTICLE EXAMINATION REPORT

REPORT No.: **MT - 2506 - 02 - EDP**

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Client: TAQA North
District: North Area LSD: C-032-H/094-H-08
Facility: Chinchaga Gas Plant
Item(s) Examined: **WFMPI Weld Repair on West Head Outer Circumference Weld Between WHT3 and WHT4**
Acceptance Criteria: ASME Sec VIII Div. 1 Article 6 Rev. / Date: 2013
Procedure No.: ITS-MT04 Rev. / Date: Rev. 1 / Oct. 2011
Technique No.: ITS-MT04-Tech03 Rev. / Date: Rev. 1 / Oct. 2011

ITS Job No.: 2506
Date: November 6, 2013
Time: 2:25 AM
W.O. No.: N/A
P.O. No.: N/A
Cost Code: N/A
AFE: N/A
Other: N/A

Equipment Data:

PRN: (A) **0601541** Serial No.: **393508** Equip. No.: **603VP005** CRN: **K0576.1**
Material: Carbon Steel Thickness: Shell- 17.02mm / Head- 11.07mm Other: N/A

Surface Condition:

☒ Base Metal ☐ Machined ☐ Shot Blasted ☒ Wire Wheeled ☐ As Ground ☐ As Welded ☐ Painted ☐ Coated ☐ Other: N/A
☐ < -20°C (-5°F) ☒ -20°C (-5°F) to 54°C (130°F) ☐ 55°C (131°F) to 315°C (600°F) ☐ > 315°C (600°F)

Equipment:

| Equipment | Serial No. | Cal. Due Date | MT Technique and Examination Medium: | |
|--|------------|---------------|---|------------------------------|
| <input checked="" type="checkbox"/> Hand Yoke: Contour Probe | 9335 | 3-Sep-14 | <input checked="" type="checkbox"/> AC | <input type="checkbox"/> DC |
| <input type="checkbox"/> Perm. Magnet: | | | <input checked="" type="checkbox"/> Wet | <input type="checkbox"/> Dry |
| <input type="checkbox"/> Coil: | | | Manufacturer: MagnaGlo Batch No.: | |
| <input checked="" type="checkbox"/> Blacklight: Spectroline | 1724870 | 10-Apr-14 | <input type="checkbox"/> Cleaner: | |
| <input checked="" type="checkbox"/> Light Meter: Spectroline | 1706821 | 10-Apr-14 | <input type="checkbox"/> Color Contrast: | |
| <input type="checkbox"/> Visible Light: > | | Footcandles | <input checked="" type="checkbox"/> Particles: 14AM | 13D12K |
| Fluorescent Examination Blacklight Intensity Check; Pre: 2140 $\mu\text{W}/\text{cm}^2$ Post: 2590 $\mu\text{W}/\text{cm}^2$ | | | <input type="checkbox"/> Other: | |

Examination Details:

SCOPE: A Wet Fluorescent Magnetic Particle examination was performed on the following; weld repair on west head outer circumference weld between WHT3 and WHT4, 24hr post welding.


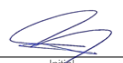
Refer to MT-1829-01-EDP for linear indication on west head and MT-2506-01-EDP.

RESULTS: No relevant indications were found on the weld repair area on the west head outer circumference weld between WHT3 and WHT4, 2 4hr post welding.

CONCLUSION: Based on the results of this examination of the horizontal bullet it is acceptable to the above mentioned acceptance criteria .

Client Representative: _____ Sign: _____ Date: _____

Technician(s):

| | |
|---|---|
| Sign:  | Sign:  |
| Print: Erwin Pederson | Print: Adriana Nauta |
| 1 st Technician | 2 nd Technician / Assistant |
| CGSB: _____ SNT: _____ ACCP/ASNT: _____ | CGSB: _____ SNT: _____ ACCP/ASNT: _____ |
| Level: 2 | Level: _____ |
| Certification No.: 11157 | Certification No.: _____ |

CONTINUATION EXAMINATION REPORT

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Client: **TAQA North**

ITS Job No.: **2506**

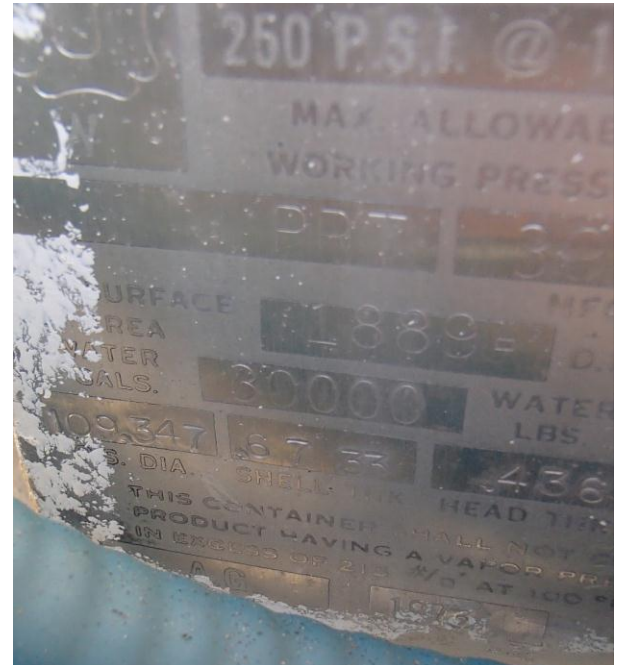
Item(s) Examined: **WFMPI Weld Repair on West Head Outer Circumference Weld Between
WHT3 and WHT4**

Date: **November 6, 2013**

PHOTOS



603VP005



NAME PLATE



OVERALL VIEW

1st Technician:

Print: **Erwin Pederson**

Sign: *Erwin Pederson*

CONTINUATION EXAMINATION REPORT

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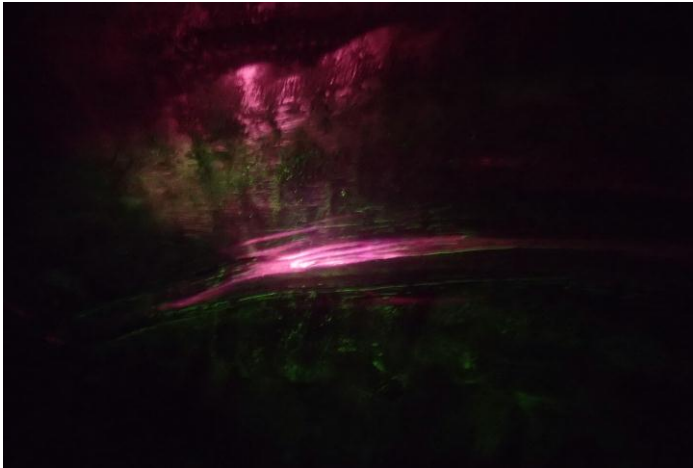
Client: **TAQA North**

ITS Job No.: **2506**

Item(s) Examined: **WFMT Weld Repair on West Head Outer Circumference Weld Between**

Date: **November 6, 2013**

WFMT 24hr Post Welding



Weld Repair Overview



Weld Repair Overview



1st Technician:

Print: **Erwin Pederson**

Sign: *Erwin Pederson*