



Our Ref.: NT/103554/18-02

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Report No: NDT/RT/180438-02/18

RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

| | | | |
|--------------------|-------------------------|---|-------------------------|
| Client : | Khidmat Hijau Sdn. Bhd. | Procedure No: | NT/G/RT/BSEN Rev.2 |
| Project : | Pagoh Water Supply | IQI type : | DIN FE 10-16 |
| Material: | BS 534 (Mild Steel) | Film Manufacturer/Type : | FUJI 100(class II) |
| Welding Process : | SMAW | Density : | 2.0 - 3.5 |
| Examination Code : | BS EN 1435 | Sensitivity: | 0.33mm(5 wires visible) |
| Acceptance Code: | BS EN 4515 | Source to Object Distance : | 400mm |
| Examination Date: | 10 April 2018 | Source Side of Object to Film Distance: | (10+3)mm |
| | | No of Radiograph(exposure) : | Single Exposure |
| | | No. of Film Each Cassette : | 1 Film |
| | | Radiographic Technique : | SWSI |
| | | Film Viewing Technique : | Single Wall Viewing |
| | | Source Type/Size : | Iridium192 (3.2mm) |
| | | Location Markers : | Film Side |

Radiographic Examination Result

| Weld Reference | WT | RT | Pipe Diameter | Material Thickness | Film Position | Film Interpretation | Result | Remarks |
|--|------|------|---------------|--------------------|---------------|---------------------|--------|---------|
| | (mm) | (mm) | (mm) | (mm) | | | | |
| Mohd Alsabrie Bin Nelson 900712-12-5041 4F | 13 | 3 | — | 10 | 0 - 1 | SI / Por | Reject | |
| Ang Poo Hing 601126-01-5915 4F | 13 | 3 | — | 10 | 0 - 1 | SI | Reject | |

End of Report

Legend:

| | | | | |
|-------------------------|------------------------------|-----------------|-------------------|------------------------------|
| TI : Tungsten Inclusion | NRI : No Relevant Indication | Uc : Undercut | Por : Porosity | WT : Weld Thickness |
| SI : Slag Inclusion | LP : Lack of Penetration | Con : Concavity | BT : Burn Through | RT : Reinforcement Thickness |
| LF : Lack of Fusion | EP : Excess Penetration | AR : Artifact | Sur : Surface | |

Personnel Particulars

Radiographer : Mohamad Syaiful - NDT Lev. II

Client Representative:

Interpreted & Evaluated By: Amat Hamidi - NDT Lev. II

Name:

Date: 11 April 2018

Date:



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|--|----|----|-----------------------|----------------------------|---------------|---------------------|--------|---------|
| Mohd Alsabrie Bin Nelson 900712-12-5041 3F | 13 | 3 | — | 10 | 0 - 1 | Sur | Accept | |
| Ang Poo Hing 601126-01-5915 3F | 13 | 3 | — | 10 | 0 - 1 | Por | Accept | |

End of Report

Legend:

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|------------------------|-----------------------------|----------------|------------------|-----------------------------|
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Personnel Particulars

Radiographer : Mohamad Syaiful - NDT Lev. II

Client Representative:

Interpreted & Evaluated By: Amat Hamidi - NDT Lev. II

Date:

11 April 2018

Name:

Date: