



Our Ref. : NT/103107/18-04

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 Report No: NDT/RT/180102-01/18

RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

| | | | |
|--------------------|----------------------------------|---|-------------------------|
| Client : | Favelle Favco Cranes (M) Sdn Bhd | Procedure No: | NT/G/RT/AWS Rev. 2.0 |
| Project : | FFCMWPS/007/2018 | IQI type : | ASTM 1B |
| Material: | Q390D / API 2H Grade 50 | Film Manufacturer/Type : | FUJI 100(class II) |
| Welding Process : | SMAW / FCAW | Density : | 2.0-3.5 |
| Examination Code : | AWS D1.1 | Sensitivity: | 0.33mm(5 wires visible) |
| Acceptance Code: | AWS D1.1 Latest Edition | Source to Object Distance : | 400mm |
| Examination Date: | 28 February 2018 | Source Side of Object to Film Distance: | (25+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 : | Source Side |

Radiographic Examination Result

| Weld Reference (Welder No) | WT (mm) | RT (mm) | Pipe Diameter (mm) | Material Thickness (mm) | Film Position | Film Interpretation | Result | Remarks |
|---|------------|------------|--------------------------|-------------------------------|------------------|---------------------|--------|---------|
| Mohammad Azwan Mohammad Jamil / Muhammad Zubair Mohamad Aziz 911013-01-6309 (WN210) / 921210-05-5621 (WN238) | 28 | 3 | - | 25 | 0 - 1 | Por | Accept | |
| | | | | | 1 - 2 | Por | Accept | |
| | | | | | 2 - 3 | SI / Por | 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 : Emirsham - NDT Lev. II
 Interpreted & Evaluated By: Amat Hamidi - NDT Lev.II
 Date: 01 March 2018



Client Representative:
 Name:
 Date:



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RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

| | | | |
|--------------------|----------------------------------|---|-------------------------|
| Client : | Favelle Favco Cranes (M) Sdn Bhd | Procedure No: | NT/G/RT/AWS Rev. 2.0 |
| Project : | FFCMWPS/005/2018 | IQI type : | ASTM 1B |
| Material: | Q390D / BSEN 10025 S355 | Film Manufacturer/Type : | FUJI 100(class II) |
| Welding Process : | SMAW / FCAW | Density : | 2.0-3.5 |
| Examination Code : | AWS D1.1 | Sensitivity: | 0.33mm(5 wires visible) |
| Acceptance Code: | AWS D1.1 Latest Edition | Source to Object Distance : | 400mm |
| Examination Date: | 28 February 2018 | Source Side of Object to Film Distance: | (25+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 : | Source Side |

Radiographic Examination Result

| Weld Reference (Welder No) | WT (mm) | RT (mm) | Pipe Diameter (mm) | Material Thickness (mm) | Film Position | Film Interpretation | Result | Remarks |
|---|------------|------------|--------------------------|-------------------------------|------------------|---------------------|--------|---------|
| Mohammad Azwan Mohammad Jamil / Muhammad Zubair Mohamad Aziz 911013-01-6309 (WN210) / 921210-05-5621 (WN238) | 28 | 3 | - | 25 | 0 - 1 | Por | Accept | |
| | | | | | 1 - 2 | Por | Accept | |
| | | | | | 2 - 3 | Por | Accept | |

End of Report

Legend:

| | | | | |
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Personnel Particulars

Radiographer : Emirsham - NDT Lev. II
 Interpreted & Evaluated By: Amat Hamidi - NDT Lev. II
 Date: 01 March 2018



Client Representative:
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RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

| | | | |
|--------------------|----------------------------------|---|-------------------------|
| Client : | Favelle Favco Cranes (M) Sdn Bhd | Procedure No: | NT/G/RT/AWS Rev. 2.0 |
| Project : | FFCMWPS/006/2018 | IQI type : | ASTM 1B |
| Material: | Q390D / BSEN 10025 S355 | Film Manufacturer/Type : | FUJI 100(class II) |
| Welding Process : | SMAW / FCAW | Density : | 2.0-3.5 |
| Examination Code : | AWS D1.1 | Sensitivity: | 0.33mm(5 wires visible) |
| Acceptance Code: | AWS D1.1 Latest Edition | Source to Object Distance : | 400mm |
| Examination Date: | 28 February 2018 | Source Side of Object to Film Distance: | (25+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 : | Source Side |

Radiographic Examination Result

| Weld Reference (Welder No) | WT (mm) | RT (mm) | Pipe Diameter (mm) | Material Thickness (mm) | Film Position | Film Interpretation | Result | Remarks |
|--|------------|------------|--------------------------|-------------------------------|------------------|---------------------|--------|---------|
| Mohd Dinie B. Zakariyah / Mohammad Ridhwan B. Abd Jalil 890315-10-5248 (WN215) 901006-05-5263 (WN216) | 28 | 3 | - | 25 | 0 - 1 | Por | Accept | |
| 3G | | | | | 1 - 2 | SI | Reject | |
| | | | | | 2 - 3 | SI | Reject | |

End of Report

Legend:

| | | | | |
|------------------------|-----------------------------|----------------|------------------|-----------------------------|
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| SI: Slag Inclusion | LP: Lack of Penetration | Con: Concavity | BT: Burn Through | RT: Reinforcement Thickness |
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Personnel Particulars

Radiographer : Emirsham - NDT Lev. II
 Interpreted & Evaluated By: Amat Hamidi - NDT Lev.II
 Date: 01 March 2018



Client Representative:
 Name:
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RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

| | | | |
|--------------------|----------------------------------|---|-------------------------|
| Client : | Favelle Favco Cranes (M) Sdn Bhd | Procedure No: | NT/G/RT/AWS Rev. 2.0 |
| Project : | FFCMWPS/004/2018 | IQI type : | ASTM 1B |
| Material: | BSEN 10025 S355 | Film Manufacturer/Type : | FUJI 100(class II) |
| Welding Process : | SMAW / FCAW | Density : | 2.0-3.5 |
| Examination Code : | AWS D1.1 | Sensitivity: | 0.33mm(5 wires visible) |
| Acceptance Code: | AWS D1.1 Latest Edition | Source to Object Distance : | 400mm |
| Examination Date: | 28 February 2018 | Source Side of Object to Film Distance: | (25+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 : | Source Side |

Radiographic Examination Result

| Weld Reference (Welder No) | WT (mm) | RT (mm) | Pipe Diameter (mm) | Material Thickness (mm) | Film Position | Film Interpretation | Result | Remarks |
|--|------------|------------|--------------------------|-------------------------------|-------------------------|-----------------------------|----------------------------|---------|
| Mohd Dinie B. Zakariyah / Mohammad Ridhwan B. Abd Jalil 890315-10-5248 (WN215) 901006-05-5263 (WN216) | 28 | 3 | - | 25 | 0 - 1 1 - 2 2 - 3 | SI / Por SI / Por Por | Reject Reject Accept | |

End of Report

Legend:

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

Radiographer : Emirsham - NDT Lev. II
 Interpreted & Evaluated By: Amat Hamidi - NDT Lev. II
 Date: 01 March 2018



Client Representative:
 Name:
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