



Our Ref. : NT/103454/18-11

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Report No: NDT/RT/180342-01/18

## RADIOGRAPHIC EXAMINATION REPORT

### Client and Testing Particulars

Client :	Seremban Engineering Berhad	Procedure No:	NT/RT/ASME REV 6.0
Project :	17/01609PNKT Oil Pot	IQI type :	ASTM 1B
Material:	SA 106 GR.B & SA 234 WPB	Film Manufacturer/Type :	FUJI 100(class II)
Welding Process :	GTAW	Density :	2.0-3.5
Examination Code :	ASME V	Sensitivity:	0.33mm(5 wires visible)
Acceptance Code:	ASME Sect. VIII Div.1 : 2015 Ed.	Source to Object Distance :	219.1mm
Examination Date:	06 April 2018	Source Side of Object to Film Distance:	(8.18+3)mm
		No of Radiograph(exposure) :	Single Exposure
		No. of Film Each Cassette :	1 Film
		Radiographic Technique :	DWSI
		Film Viewing Technique :	Single Wall Viewing
		Source Type/Size :	Iridium192 (3.2mm)
		Location Markers :	Film Side

### Radiographic Examination Result

Weld Reference (Welder No)	WT (mm)	RT (mm)	Pipe Diameter (mm)	Material Thickness (mm)	Film Position	Film Interpretation	Result	Remarks
AX-003460-V06 (A)								
CS 2 R1 (WN-196)	11.18	3	219.1	8.18	0 - 1	NRI	Accept	
					2 - 0	NRI	Accept	

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: 07 April 2018



Client Representative:  
 Name:  
 Date:



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Report No: NDT/RT/180342-02/18

## RADIOGRAPHIC EXAMINATION REPORT

### Client and Testing Particulars

Client :	Seremban Engineering Berhad	Procedure No:	NT/RT/ASME REV 6.0
Project :	17/01609PNKT Oil Pot	IQI type :	ASTM 1B
Material:	SA 106 GR.B & SA 234 WPB	Film Manufacturer/Type :	FUJI 100(class II)
Welding Process :	GTAW	Density :	2.0-3.5
Examination Code :	ASME V	Sensitivity:	0.33mm(5 wires visible)
Acceptance Code:	ASME Sect. VIII Div.1 : 2015 Ed.	Source to Object Distance :	219.1mm
Examination Date:	06 April 2018	Source Side of Object to Film Distance:	(8.18+3)mm
		No of Radiograph(exposure) :	Single Exposure
		No. of Film Each Cassette :	1 Film
		Radiographic Technique :	DWSI
		Film Viewing Technique :	Single Wall Viewing
		Source Type/Size :	Iridium192 (3.2mm)
		Location Markers :	Film Side

### Radiographic Examination Result

Weld Reference (Welder No)	WT (mm)	RT (mm)	Pipe Diameter (mm)	Material Thickness (mm)	Film Position	Film Interpretation	Result	Remarks
AX-003460-V06 ( C )								
CS 1 R1 (WN-196)	11.18	3	219.1	8.18	1-2	NRI	Accept	

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

Client Representative:

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

Name:

Date: 07 April 2018

Date:





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Report No: NDT/RT/180342-03/18

## RADIOGRAPHIC EXAMINATION REPORT

### Client and Testing Particulars

Client :	Seremban Engineering Berhad	Procedure No:	NT/RT/ASME REV 6.0
Project :	17/01609PNKT Oil Pot (Unit No.3)	IQI type :	ASTM 1B
Material:	SA 106 GR.B	Film Manufacturer/Type :	FUJI 100(class II)
Welding Process :	GTAW	Density :	2.0-3.5
Examination Code :	ASME V	Sensitivity:	0.33mm(5 wires visible)
Acceptance Code:	ASME Sect. VIII Div.1 : 2015 Ed.	Source to Object Distance :	219.1mm
Examination Date:	06 April 2018	Source Side of Object to Film Distance:	(8.18+3)mm
		No of Radiograph(exposure) :	Single Exposure
		No. of Film Each Cassette :	1 Film
		Radiographic Technique :	DWSI
		Film Viewing Technique :	Single Wall Viewing
		Source Type/Size :	Iridium192 (3.2mm)
		Location Markers :	Film Side

### Radiographic Examination Result

Weld Reference (Welder No)	WT (mm)	RT (mm)	Pipe Diameter (mm)	Material Thickness (mm)	Film Position	Film Interpretation	Result	Remarks
AX-003460-V06 ( C )								
CS 2 R1 (WN-196)	11.18	3	219.1	8.18	1 - 2 2 - 3 3 - 0	NRI Por / Uc NRI	Accept Accept Accept	

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: 07 April 2018



Client Representative:  
 Name:  
 Date: