



Our Ref. : NT/103212/18-03

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Report No: NDT/RT/180150-01/18

RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

Client :	Maxtwo Engineering & Services Sdn. Bhd.	Procedure No:	NT/RT/ASME Rev. 7.0
Project :	MAXES-WPS-P2	IQI type :	ASTM 1A
Material:	A 106 Gr B	Film Manufacturer/Type :	FUJI 50(class I)
Welding Process :	GTAW	Density :	2.0 - 3.5
Examination Code :	ASME V	Sensitivity:	0.20mm(2 wires visible)
Acceptance Code:	ASME Section IX, 2017 Ed.	Source to Object Distance :	400mm
Examination Date:	15 March 2018	Source Side of Object to Film Distance:	(60.3)mm
		No of Radiograph(exposure) :	Single Exposure
		No. of Film Each Cassette :	1 Film
		Radiographic Technique :	DWDI
		Film Viewing Technique :	Double Wall Viewing
		Source Type/Size :	Iridium192 (3.2mm)
		Location Markers :	Film Side

Radiographic Examination Result

Weld Reference	WT (mm)	RT (mm)	Pipe Diameter (mm)	Material Thickness (mm)	Film Position	Film Interpretation	Result	Remarks
Yip Che Kuen								
TP-1	8.5	3	60.3	5.5	X	NRI	Accept	
6G					Y	NRI	Accept	
TP-2	8.5	3	60.3	5.5	X	NRI	Accept	
6G					Y	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 : Mohd Zaffri- ASNT Lev. II

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

Date: 16 March 2018



Client Representative:

Name:

Date:



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RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

Client :	Maxtwo Engineering & Services Sdn. Bhd.	Procedure No:	NT/RT/ASME Rev. 7.0
Project :	MAXES-WPS-P3	IQI type :	ASTM 1B
Material:	S 275 JR	Film Manufacturer/Type :	FUJI 50(class I)
Welding Process :	GMAW	Density :	2.0 - 3.5
Examination Code :	ASME V	Sensitivity:	0.33mm(5 wires visible)
Acceptance Code:	ASME Section IX, 2017 Ed.	Source to Object Distance :	400mm
Examination Date:	15 March 2018	Source Side of Object to Film Distance:	(6+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 (mm)	RT (mm)	Pipe Diameter (mm)	Material Thickness (mm)	Film Position	Film Interpretation	Result	Remarks
Abdul Majid 1G	9	3	-	6	0 - 1	Por	Accept	

End of Report

Legend:

Ti : Tungsten Inclusion	NRI : No Relevant Indication	Uc : Undercut	Por : Porosity	WT : Weld Thickness
Sl : 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 : Mohd Zaffri- ASNT Lev. II

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

Date: 16 March 2018



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Name:

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RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

Client :	Maxtwo Engineering & Services Sdn. Bhd.	Procedure No:	NT/RT/ASME Rev. 7.0
Project :	MAXES-WPS-P4	IQI type :	ASTM 1B
Material:	S 275 JR	Film Manufacturer/Type :	FUJI 50(class I)
Welding Process :	FCAW	Density :	2.0 - 3.5
Examination Code :	ASME V	Sensitivity:	0.33mm(5 wires visible)
Acceptance Code:	ASME Section IX, 2017 Ed.	Source to Object Distance :	400mm
Examination Date:	15 March 2018	Source Side of Object to Film Distance:	(6+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 (mm)	RT (mm)	Pipe Diameter (mm)	Material Thickness (mm)	Film Position	Film Interpretation	Result	Remarks
Abdul Majid 1G	9	3	-	6	0 - 1	LP	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 : Mohd Zaffri- ASNT Lev. II

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

Date: 16 March 2018



Client Representative:

Name:

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