



NUSANTARA TECHNOLOGIES SDN. BHD. (187753-D)

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Our Ref. : NT/103215/18-04

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Report No: NDT/RT/180160-02/18

RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

Client :	Dermaga Oil & Gas Sdn.Bhd.	Procedure No:	NT/G/RT/API Rev.2
Project :	DER / WPS / 0101-009 - R1	IQI type :	ASTM 1B
Material:	API 5L X70 To API 5L X70	Film Manufacturer/Type :	FUJI 100(class II)
Welding Process :	GTAW / SMAW	Density :	2.0 - 3.5
Examination Code :	API 1104	Sensitivity:	0.33mm(5 wires visible)
Acceptance Code:	API 1104 Edition 2013	Source to Object Distance :	457mm
Examination Date:	13 March 2018	Source Side of Object to Film Distance:	(16.33+3mm)
		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 (Welder No)	WT (mm)	RT (mm)	Pipe Diameter (mm)	Material Thickness (mm)	Film Position	Film Interpretation	Result	Remarks
Mohd Pahmi B. Mohd Salim Yong 880513-11-5451 & Syed Maula B.Syed Othman 820108-11-5007 6G	19.33	3	914	16.33	0 - 1	Por	Accept	
					1 - 2	Por	Accept	
					2 - 3	Por	Accept	
					3 - 4	Por	Accept	
					4 - 5	Por	Accept	
					5 - 6	Por	Accept	
					6 - 7	NRI	Accept	
					7 - 8	NRI	Accept	
					8 - 9	NRI	Accept	
					9 - 10	NRI	Accept	
					10 - 11	Por	Accept	
					11 - 0	Por	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:	14 March 2018	Date:	





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&					1 - 2	Por	Accept	
Syed Maula B.Syed Othman 820108-11-5007					2 - 3	Por	Accept	
6G					3 - 4	NRI	Accept	
					4 - 5	Por	Accept	
					5 - 6	Por	Accept	
					6 - 7	Por	Accept	
					7 - 8	NRI	Accept	
					8 - 9	NRI	Accept	
					9 - 10	Por	Accept	
					10 - 11	NRI	Accept	
	11 - 0	NRI	Accept					

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Personnel Particulars

Radiographer : Emirsham - NDT Lev. II

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

Date: 14 March 2018



Client Representative:

Name:

Date:



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Mohamad Muharam B. Reffin 900723-11-5877	19.33	3	914	16.33	0 - 1	Por	Accept	
&					1 - 2	Por	Accept	
Mohd Asron Nizam B. Azman 870702-11-5291					2 - 3	NRI	Accept	
6G					3 - 4	Por	Accept	
					4 - 5	Por	Reject	
					5 - 6	Por	Reject	
					6 - 7	Por	Reject	
					7 - 8	NRI	Accept	
					8 - 9	NRI	Accept	
					9 - 10	NRI	Accept	
					10 - 11	NRI	Accept	
	11 - 0	NRI	Accept					

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

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Zunaidi B. Mamat 700314-11-5079 & Mohd Zunaidi B. Alias 761225-11-5287 6G	19.33	3	914	16.33	0 - 1	SI / Por	Reject	
					1 - 2	SI / Por	Accept	
					2 - 3	Por	Accept	
					3 - 4	Por	Accept	
					4 - 5	SI / Por	Accept	
					5 - 6	Por	Accept	
					6 - 7	Por	Accept	
					7 - 8	Por	Accept	
					8 - 9	Por	Accept	
					9 - 10	Por	Reject	
					10 - 11	SI / Por	Reject	
					11 - 0	SI / Por	Reject	

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