



NUSANTARA TECHNOLOGIES SDN. BHD. (187753-D)

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Our Ref. : NT/103797/18-02

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Report No: NDT/RT/180652-01/18

RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

Client :	Ranex (M) Sdn. Bhd.	Procedure No:	NT/RT/ASME Rev 7.0
Project :	2018 MTA - HRC RSB / WPS / 008	IQI type :	ASTM 1B
Material:	A 333 Gr 6 To A 333 Gr 6	Film Manufacturer/Type :	FUJI 100(class II)
Welding Process :	GTAW / SMAW	Density :	2.0 - 3.5
Examination Code :	ASME V	Sensitivity:	0.33mm(5 wires visible)
Acceptance Code:	ASME Section IX ; 2017 Edition.	Source to Object Distance :	168.3mm
Examination Date:	04 June 2018	Source Side of Object to Film Distance:	(18.26+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	WT (mm)	RT (mm)	Pipe Diameter (mm)	Material Thickness (mm)	Film Position	Film Interpretation	Result	Remarks
Abdul Roni Bin Ibrahim 780601-02-5829 WN-001 6G	21.26	3	168.3	18.26	0 - 1	Por	Accept	
					1 - 2	NRI	Accept	
					2 - 3	NRI	Accept	
					3 - 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: 05 June 2018



Client Representative:

Name:

Date:



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RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

Client :	Ranex (M) Sdn. Bhd.	Procedure No:	NT/RT/ASME Rev 7.0
Project :	2018 MTA - HRC RSB / WPS / 007	IQI type :	ASTM 1B
Material:	SA 312 TP 347	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 Section IX ; 2017 Edition.	Source to Object Distance :	400mm
Examination Date:	04 June 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	RT	Pipe Diameter	Material Thickness	Film Position	Film Interpretation	Result	Remarks
	(mm)	(mm)	(mm)	(mm)				
Chua Kok Shang 620429-05-5059 WN-003								
TP-1	8.54	3	60.3	5.54	X	NRI	Accept	
6G					Y	NRI	Accept	
TP-2	8.54	3	60.3	5.54	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 : Emirsham - NDT Lev. II
 Interpreted & Evaluated By: Amat Hamidi - NDT Lev. II
 Date: 05 June 2018



Client Representative:
 Name:
 Date: