



NUSANTARA TECHNOLOGIES SDN. BHD. (187753-D)

No. 5, Jalan Anggerik Mokara 31/45, Seksyen 31, Kota Kemuning, 40460 Shah Alam, Selangor Darul Ehsan, Malaysia.

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Page No: 1 of 1

Report No: NDT/RT/180631-01/18

Our Ref.: NT/103764/18-02

RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

Client :	JP Consultancy & Engineering Sdn Bhd	Procedure No:	NT/G/RT/AWS Rev2.0
Project :	WPS / PC / SMAW / 001	IQI type :	ASTM 1B
Material:	S355JR	Film Manufacturer/Type :	FUJI 100(class II)
Welding Process :	SMAW	Density :	2.0 - 3.5
Examination Code :	AWS D1.1	Sensitivity:	0.33mm(5 wires visible)
Acceptance Code:	AWS D1.1	Source to Object Distance :	400mm
Examination Date:	30 May 2018	Source Side of Object to Film Distance:	(12+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
Han Win Aung MC 579260 4G	15	3	--	12	0 - 1	Por	Accept	
Noryakin Bin Sulaiman 741117-04-5519 4G	15	3	--	12	0 - 1	Por	Accept	AR
Aye Min MB 276936 4G	15	3	--	12	0 - 1	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 : Azizul - ASNT Lev. II

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

Date: 31 May 2018

Client Representative:

Name:

Date:





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RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

Client :	JP Consultancy & Engineering Sdn Bhd	Procedure No:	NT/G/RT/AWS Rev2.0
Project :	WPS / PC / GTAW / 002	IQI type :	ASTM 1B
Material:	304 / 308L	Film Manufacturer/Type :	FUJI 100(class II)
Welding Process :	GTAW	Density :	2.0 - 3.5
Examination Code :	AWS D1.6	Sensitivity:	0.33mm(5 wires visible)
Acceptance Code:	AWS D1.6	Source to Object Distance :	88.9mm
Examination Date:	30 May 2018	Source Side of Object to Film Distance:	(12+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	RT	Pipe Diameter	Material Thickness	Film Position	Film Interpretation	Result	Remarks
	(mm)	(mm)	(mm)	(mm)				
Zin Maung Maung MC 579261 6G	15	3	88.9	12	0 - 1	NRI	Accept	
					1 - 2	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 : Azzul - ASNT Lev. II
 Interpreted & Evaluated By: Amat Hamidi - ASNT Lev.II
 Date: 31 May 2018



Client Representative:
 Name:
 Date: