



Our Ref.: NT/103099/18-02

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RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

Client :	Bukit Fraser Thermal Technology Sdn Bhd	Procedure No:	NT/RT/ASME Rev 6.0
Project :	Petronas Chemicals Polyethylene Sdn Bhd Fabrication Of Moisture And Alcohol Removal.	IQI type :	ASTM 1B
Job No:	BFTT 17-634	Film Manufacturer/Type :	FUJI 100/class II
Material:	SA 516 GR 70N	Density :	2.0 - 4.0
Welding Process :	SMAW / SAW	Sensitivity:	0.33mm(5 wires visible)
Examination Code :	ASME V	Source to Object Distance :	400mm
Acceptance Code:	ASME Sec VIII Div.2 2015 Ed.	Source Side of Object to Film Distance:	(31.80+3)mm
Examination Date:	28 February 2018	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 :	Source Side

Radiographic Examination Result

Weld Reference (Welder No)	WT (mm)	RT (mm)	Pipe Diameter (mm)	Material Thickness (mm)	Film Position	Film Interpretation	Result	Remarks
PE-0-D-902B								
LS - 1 (WN216)	34.8	3	-	31.8	0 - 1	NRI	Accept	
					1 - 2	NRI	Accept	
					2 - 3	NRI	Accept	AR
					3 - 4	NRI	Accept	
					4 - 5	NRI	Accept	AR
					5 - 6	NRI	Accept	
					6 - 7	NRI	Accept	
					7 - 8	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: 01 March 2018



Client Representative:

Name:
Date:



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Radiographic Examination Result

Weld Reference (Welder No)	WT (mm)	RT (mm)	Pipe Diameter (mm)	Material Thickness (mm)	Film Position	Film Interpretation	Result	Remarks
PE-0-D-902B								
LS-2 (WN216)	34.8	3	-	31.8	0-1	NRI	Accept	
					1-2	NRI	Accept	
					2-3	NRI	Accept	
					3-4	NRI	Accept	
					4-5	NRI	Accept	
					5-6	NRI	Accept	
					6-7	NRI	Accept	
					7-8	NRI	Accept	AR

End Of Report

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Radiographer : Emirsham - NDT Lev. II

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

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