



Our Ref. : NT/103300/18-06

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Report No: NDT/RT/180240-06/18

RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

Client :	Liew Enterprise	Procedure No:	NT/G/RT/BSEN Rev.2
Project :	Welder Qualification Test. Proposed Development Of Langat 2 Water Treatment Plant And Water Reticulation System	IQI type :	DIN FE 10-16
Material:	Mild Steel Grade 43	Film Manufacturer/Type :	FUJI 100(class II)
Welding Process :	SMAW	Density :	2.0 - 3.5
Examination Code :	BS EN 1435	Sensitivity:	0.33mm(5 wires visible)
Acceptance Code:	BS EN 4515 Part 1-2009	Source to Object Distance :	400mm
Examination Date:	23 March 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	RT	Pipe Diameter	Material Thickness	Film Position	Film Interpretation	Result	Remarks
	(mm)	(mm)	(mm)	(mm)				
Tan Ying Sing 851002-09-5169 4F	15	3	-	12	0 - 1	SI	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 :	Mohamad Syaiful - NDT Lev. II	Client Representative:	
Interpreted & Evaluated By:	Amat Hamidi - NDT Lev.II	Name:	
Date:	24 March 2018	Date:	