



Our Ref. : NT/103094/18-01

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### RADIOGRAPHIC EXAMINATION REPORT

#### Client and Testing Particulars

Client :	Seremban Engineering Berhad	Procedure No:	NT/RT/ASME REV 7.0
Project :	A17013 (IZZ) S/N : U138 Desanding Vessel	IQI type :	ASTM 1B
Material:	S 31803	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 Sect. VIII Div.1 : 2017 Ed.	Source to Object Distance :	450mm
Examination Date:	28 February 2018	Source Side of Object to Film Distance:	(25+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 :	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
S-0420								
CW 1 (WN-95/50)	28	3	900	25	0 - 1	NRI	Accept	
					1 - 2	NRI	Accept	
					2 - 3	SI	Reject	
					3 - 4	NRI	Accept	
					4 - 5	Por	Accept	
					5 - 6	Por	Accept	
					6 - 7	Por	Accept	
					7 - 8	SI	Reject	
					8 - 9	SI / Por	Reject AR	
					9 - 10	SI / Por	Reject	
					10 - 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	Client Representative:	
Interpreted & Evaluated By:	Amat Hamidi - NDT Lev. II	Name:	
Date:	01 March 2018	Date:	

