



Our Ref. : NT/103218/18-01

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## RADIOGRAPHIC EXAMINATION REPORT

### Client and Testing Particulars

Client :	Tenaga Tiub Sdn. Bhd.	Procedure No:	NT/RT/ASME Rev 7.0
Project :	Welding Procedure Specification (WPS) TT 18002 - TT/ASME/WPS/396/2018	IQI type :	ASTM 1B
Job No:	-	Film Manufacturer/Type :	FUJI 100(Class II)
Material:	SA 240 TP 316L	Density :	2.0-3.5
Welding Process :	GTAW	Sensitivity:	0.33mm(5 wires visible)
Examination Code :	ASME V	Source to Object Distance :	400mm
Acceptance Code:	ASME Sect. IX ; 2017 Ed.	Source Side of Object to Film Distance:	(38/8+3)mm
Examination Date:	09 March 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 :	Film Side

### Radiographic Examination Result

Weld Reference (Weder No)	WT	RT	Pipe Diameter	Material Thickness	Film Position	Film Interpretation	Result	Remarks
	(mm)	(mm)	(mm)	(mm)				
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#### 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:	10 March 2018	Date:	

