



Our Ref.: NT/103329/18-02

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Report No: NDT/RT/180279-01/18

RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

Client :	Tenaga Tiub Sdn Bhd	Procedure No:	NT/RT/ASME Rev 6.0
Project :	Lean Solution Cooler	IQI type :	ASTM 1B
Job No:	TTEC 17195	Film Manufacturer/Type :	FUJI 100(classII)
Material:	SA 516 GR70	Density :	2.2-3.8
Welding Process :	GTAW / SMAW	Sensitivity:	0.33mm(5 wires visible)
Examination Code :	ASME V	Source to Object Distance :	355mm
Acceptance Code:	ASME Sect. VIII DIV.1 : 2015 Ed.+Tema 9TH Ed.	Source Side of Object to Film Distance:	(25.4+3)mm
Examination Date:	30 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 (Welder No)	WT (mm)	RT (mm)	Pipe Diameter (mm)	Material Thickness (mm)	Film Position	Film Interpretation	Result	Remarks
E-1506								
CS4 R1 (WN89)	28.4	3	710	25.4	1 - 2 3 - 4	SI / Por Por	Reject 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: 31 March 2018

Client Representative:

Name:
Date:





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Radiographic Examination Result

Weld Reference (Welder No)	WT	RT	Pipe Diameter	Material Thickness	Film Position	Film Interpretation	Result	Remarks
	(mm)	(mm)	(mm)	(mm)				
E-1506								
CS5 R1 (WN89)	28.4	3	710	25.4	4 - 5	SI	Reject	

_____ End of Report _____

Legend:

TI: Tungsten Inclusion	NRI: No Relevant Indication	Uc: Undercut	Por: Porosity	WT: Weld Thickness
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