



Our Ref. : NT/103638/18-02

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Report No: NDT/RT/180511-02/18

RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

Client :	Seremban Engineering Berhad	Procedure No:	NT/RT/ASME REV 7.0
Project :	18/01669PCYC Premium Vegetable Oils Sdn. Bhd.	IQI type :	ASTM 1A
Material:	SA 240 Gr.304 / 304L	Film Manufacturer/Type :	FUJI 100(class II)
Welding Process :	FCAW	Density :	2.0-3.5
Examination Code :	ASME V	Sensitivity:	0.20mm(2 wires visible)
Acceptance Code:	ASME Sect. VIII Div.1 : 2017 Ed.	Source to Object Distance :	800mm
Examination Date:	03 May 2018	Source Side of Object to Film Distance:	(6+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 (Welder No)	WT (mm)	RT (mm)	Pipe Diameter (mm)	Material Thickness (mm)	Film Position	Film Interpretation	Result	Remarks
7.11								
CS 1 (WN-31)	9	3	1600	6	0 - 1	Inc	Reject	
					1 - 2	Inc	Reject	
					2 - 3	NRI	Accept	
					3 - 4	NRI	Accept	
					4 - 5	NRI	Accept	
					5 - 6	NRI	Accept	
					6 - 7	NRI	Accept	
					7 - 8	NRI	Accept	
					8 - 9	NRI	Accept	
					9 - 10	NRI	Accept	

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Legend:

TI : Tungsten Inclusion	NRI : No Relevant Indication	Uo : 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: 04 May 2018



Client Representative:
 Name:
 Date:



NUSANTARA TECHNOLOGIES SDN. BHD. (187753-D)

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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
7.11							
CS 1 (WN-31)	9	3	1600	6	10 - 11 11 - 12 12 - 13 13 - 14 14 - 15 15 - 16 16 - 17 17 - 0	Inc NRI NRI NRI NRI Uc NRI NRI	Accept Accept Accept Accept Accept Accept Accept Accept

End of Report





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RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

Client :	Seremban Engineering Borhad	Procedure No:	NT/RT/ASME REV 7.0
Project :	18/01668PCYC Premium Vegetable Oils Sdn. Bhd.	IQI type :	ASTM 1A
Material:	SA 240 Gr.304 / 304L	Film Manufacturer/Type :	FUJI 100(class II)
Welding Process :	FCAW	Density :	2.0-3.5
Examination Code :	ASME V	Sensitivity:	0.20mm(2 wires visible)
Acceptance Code:	ASME Sect. VIII Div.1 : 2017 Ed.	Source to Object Distance :	600mm
Examination Date:	03 May 2018	Source Side of Object to Film Distance:	(6+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

Wold Reference (Welder No)	WT (mm)	RT (mm)	Pipe Diameter (mm)	Material Thickness (mm)	Film Position	Film Interpretation	Result	Remarks
(07.29.01) CS 1 (WN-31)	9	3	1200	6	0 - 1	Por	Accept	
					1 - 2	Uc	Accept	
					2 - 3	NRI	Accept	
					3 - 4	NRI	Accept	AR
					4 - 5	NRI	Accept	
					5 - 6	Por	Accept	
					6 - 7	NRI	Accept	
					7 - 8	NRI	Accept	
					8 - 9	NRI	Accept	
					9 - 10	NRI	Accept	AR
					10 - 11	Por	Accept	
					11 - 12	NRI	Accept	AR
					12 - 13	NRI	Accept	
					13 - 0	NRI	Accept	

End of Report

Legend:

TI: Tungsten Inclusion
SI: Slag Inclusion
LF: Lack of Fusion

NRI: No Relevant Indication
LP: Lack of Penetration
EP: Excess Penetration

Uc: Undercut
Con: Concavity
AR: Artifact

Por: Porosity
BT: Burn Through
Sur: Surface

WT: Weld Thickness
RT: Reinforcement Thickness

Personnel Particulars

Radiographer : Emirsham - NDT Lev. II
Interpreted & Evaluated By: Amat Hamidi - NDT Lev.II
Date: 04 May 2018



Client Representative:
Name:
Date: