



Our Ref.: NT/103803/18-04

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 Report No: NDT/RT/180658-03/18

RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

Client :	Seremban Engineering Berhad	Procedure No:	NT/RT/ASME REV 7.0
Project :	17/01271POYL CCG Splitter Reboiler	IQI type :	ASTM 1B
Material:	SA 516 GR 60N	Film Manufacturer/Type :	FUJI 50(class I)
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 : 2015 Ed. / Tema Class R 2007 Ed.	Source to Object Distance :	400mm
Examination Date:	05 June 2018	Source Side of Object to Film Distance:	(12.7+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	RT	Pipe Diameter	Material Thickness	Film Position	Film Interpretation	Result	Remarks
	(mm)	(mm)	(mm)	(mm)				
(E-7306)								
LS1 (WN-196/197)	15.7	3	-	12.7	0-1	NRI	Accept	
LS1 CS2 (WN-196/197)	15.7	3	-	12.7	0-1	NRI	Accept	
LS1 (2) (WN-196/197)	15.7	3	-	12.7	0-1	Por	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: 06 June 2018



Client Representative:
 Name:
 Date:



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RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

Client :	Seremban Engineering Berhad	Procedure No:	NT/RT/ASME REV 7.0
Project :	17/01271POYL CCG Splitter Reboiler	IQI type :	ASTM 1B
Material:	SA 516 GR 60N	Film Manufacturer/Type :	FUJI 50(class I)
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 : 2015 Ed. / Tema Class R 2007 Ed.	Source to Object Distance :	400mm
Examination Date:	05 June 2018	Source Side of Object to Film Distance:	(12.7+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	RT	Pipe Diameter	Material Thickness	Film Position	Film Interpretation	Result	Remarks
	(mm)	(mm)	(mm)	(mm)				
(E-7306)								
LS4 (WN-196/197)	15.7	3	-	12.7	0 - 1	Por	Accept	
LS4 C3 (WN-196/197)	15.7	3	-	12.7	0 - 1	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
 Interpreted & Evaluated By: Amat Hamidi - NDT Lev.II
 Date: 06 June 2018



Client Representative:
 Name:
 Date:



Our Ref. : NT/103803/18-04

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RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

Client :	Seremban Engineering Berhad	Procedure No:	NT/RT/ASME REV 7.0
Project :	17/01271POYL CCG Splitter Reboiler	IQI type :	ASTM 1B
Material:	SA 516 GR 60N	Film Manufacturer/Type :	FUJI 50(class I)
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 : 2015 Ed. / Tema Class R 2007 Ed.	Source to Object Distance :	400mm
Examination Date:	05 June 2018	Source Side of Object to Film Distance:	(12.7+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
(E-7306)								
LS2 (WN-196/197)	15.7	3	—	12.7	0-1	Por	Accept	
LS2 CS1 (WN-196/197)	15.7	3	—	12.7	0-1	Por	Accept	
LS2 CS3 (WN-196/197)	15.7	3	—	12.7	0-1	Por	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: 06 June 2018



Client Representative:

Name:

Date:



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RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

Client :	Seremban Engineering Berhad	Procedure No:	NT/RT/ASME REV 7.0
Project :	18/01672LLCH Degumming Tank	IQI type :	ASTM 1B
Material:	SA 240 GR 316L	Film Manufacturer/Type :	FUJI 100(class II)
Welding Process :	FCAW	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 :	400mm
Examination Date:	04 June 2018	Source Side of Object to Film Distance:	(8+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	RT	Pipe Diameter	Material Thickness	Film Position	Film Interpretation	Result	Remarks
	(mm)	(mm)	(mm)	(mm)				
2MX312								
LS4 R1 (WN-73)	11	3	-	8	0-1	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

Interpreted & Evaluated By: Amat Hamidi - NDT Lev.II

Date: 05 June 2018



Client Representative:

Name: _____

Date: _____