NUSANTARA TECHNOLOGIES SDN. BHD. (187753-D)
No. 5, Jalan Anggerik Mokara 31/45, Seksyen 31, Kota Kemuning, 40460 Shah Alam, Selangor Darul Ehsan, Malaysia.
Tel: 03-5122 9766/7/8 Fax: 03-5122 8766/7 E-mail: info@nusatek.com

Our Ref. : NT/103779/18-10

Report No: NDT/RT/180638-05/18

RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

Client :	Yuen Fee (Wan Soon) Eng. Sdn Bhd	Procedure No:	NT/RT/ASME REV 7.0
		IQI type :	ASTM 1B
Project :	Air Receiver	Film Manufacturer/Type :	FUJI 100(class II)
		Density :	2.0-3.5
		Sensitivity:	0.33mm(5 wires visible)
Material:	–	Source to Object Distance :	400mm
		Source Side of Object to Film Distance:	(12.7+3)mm
Welding Process :	FCAW / SAW	No of Radiograph(exposure) :	Single Exposure
Examination Code :	ASME V	No. of Film Each Cassette :	1 Film
Acceptance Code:	ASME Section VIII Div 1 : 2017 Ed.	Radiographic Technique :	SWSI
		Film Viewing Technique :	Single Wall Viewing
Examination Date:	31 May 2018	Source Type/Size :	Iridium192 (3.2mm)
		Location Markers :	Film Side

Radiographic Examination Result

Weld Reference	WT (mm)	RT (mm)	Pipe Diameter (mm)	Material Thickness (mm)	Film Position	Film Interpretation	Result	Remarks
Work Order : A/18/Q2M								
Drawing Number : AR-1000.034								
Description : AR 1000 Litres x 40 BAR								
Serial No : YF/18/1133								
CS1 YFW094/099	15.7	3	–	12.7	0 - 1	NRI	Accept	
CS2 YFW094/099	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 : M.Zaffri - NDT Lev. II

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

Date: 01 June 2018

Client Representative:

Name:

Date:

NUSANTARA TECHNOLOGIES SDN. BHD. (187753-D)
No. 5, Jalan Anggerik Mokara 31/45, Seksyen 31, Kota Kemuning, 40460 Shah Alam, Selangor Darul Ehsan, Malaysia.
Tel: 03-5122 9766/7/8 Fax: 03-5122 8766/7 E-mail: info@nusatek.com

Our Ref. : NT/103779/18-10

Report No: NDT/RT/180638-06/18

RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

Client : Yuen Fee (Wan Soon) Eng. Sdn Bhd

Project : Air Receiver

Material: –

Welding Process : FCAW / SAW
Examination Code : ASME V
Acceptance Code: ASME Section VIII Div 1 : 2017 Ed.

Examination Date: 31 May 2018

Procedure No: NT/RT/ASME REV 7.0
IQI type : ASTM 1B
Film Manufacturer/Type : FUJI 100(class II)
Density : 2.0-3.5
Sensitivity: 0.33mm(5 wires visible)
Source to Object Distance : 400mm
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	WT (mm)	RT (mm)	Pipe Diameter (mm)	Material Thickness (mm)	Film Position	Film Interpretation	Result	Remarks
Work Order : A/18/Q2M Drawing Number : AR-1000.034 Description : AR 1000 Litres x 40 BAR Serial No : YF/18/1133								
CS1-YFW094/099	15.7	3	–	12.7	0 - 1	NRI	Accept	
CS2-YFW094/099	15.7	3	–	12.7	0 - 1	NRI	Accept	

End of Report

Legend:

TI : Tungsten Inclusion	*NRI : No Relevant Indication*	*Un : 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 : M.Zaffri - NDT Lev. II

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

Date: 01 June 2018

NUSANTARA TECHNOLOGIES SDN BHD (187753-D) NDT Division

Client Representative:

Name:
Date:

NUSANTARA TECHNOLOGIES SDN. BHD. (187753-D)
No. 5, Jalan Anggerik Mokara 31/45, Seksyen 31, Kota Kemuning, 40460 Shah Alam, Selangor Darul Ehsan, Malaysia.
Tel: 03-5122 9766/7/8 Fax: 03-5122 8766/7 E-mail: info@nusatek.com

Our Ref. : NT/103779/18-10

Report No: NDT/RT/180638-07/18

RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

Client :	Yuen Fee (Wan Soon) Eng. Sdn Bhd
Project :	Air Receiver
Material:	–
Welding Process :	FCAW / SAW
Examination Code :	ASME V
Acceptance Code:	ASME Section VIII Div 1 : 2017 Ed.
Examination Date:	31 May 2018

Procedure No:	NT/RT/ASME REV 7.0
IQI type :	ASTM 1B
Film Manufacturer/Type :	FUJI 100(class II)
Density :	2.0-3.5
Sensitivity:	0.33mm(5 wires visible)
Source to Object Distance :	400mm
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	WT (mm)	RT (mm)	Pipe Diameter (mm)	Material Thickness (mm)	Film Position	Film Interpretation	Result	Remarks
Work Order : A/18/Q2M Drawing Number : AR-1000.034 Description : AR 1000 Litres x 40 BAR Serial No : YF/18/1133								
LS1 YFW094/099	15.7	3	–	12.7	0 - 1	NRI	Accept	
					1 - 2	SI	Accept	
					2 - 3	NRI	Accept	
					3 - 4	NRI	Accept	
					4 - 5	NRI	Accept	
					5 - 6	NRI	Accept	
					6 - 7	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 : M.Zaffri - NDT Lev. II

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

Date: 01 June 2018

Client Representative:

Name:

Date:

NUSANTARA TECHNOLOGIES SDN. BHD. (187753-D)
No. 5, Jalan Anggerik Mokara 31/45, Seksyen 31, Kota Kemuning, 40460 Shah Alam, Selangor Darul Ehsan, Malaysia.
Tel: 03-5122 9766/7/8 Fax: 03-5122 8766/7 E-mail: info@nusatek.com

Our Ref. : NT/103779/18-10

Report No: NDT/RT/180638-08/18

RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

Client : Yuen Fee (Wan Soon) Eng. Sdn Bhd

Project : Air Receiver

Material: –

Welding Process : FCAW / SAW
Examination Code : ASME V
Acceptance Code: ASME Section VIII Div 1 : 2017 Ed.

Examination Date: 31 May 2018

Procedure No: NT/RT/ASME REV 7.0
IQI type : ASTM 1B
Film Manufacturer/Type : FUJI 100(class II)
Density : 2.0-3.5
Sensitivity: 0.33mm(5 wires visible)
Source to Object Distance : 400mm
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	WT (mm)	RT (mm)	Pipe Diameter (mm)	Material Thickness (mm)	Film Position	Film Interpretation	Result	Remarks
Work Order : A/18/Q2M Drawing Number : AR-1000.034 Description : AR 1000 Litres x 40 BAR Serial No : YF/18/1175								
LS1 YFW094/099	15.7	3	--	12.7	0 - 1	Sur	Accept	
					1 - 2	NRI	Accept	
					2 - 3	Sur	Accept	
					3 - 4	NRI	Accept	
					4 - 5	NRI	Accept	
					5 - 6	NRI	Accept	
					6 - 7	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 : M.Zaffri - NDT Lev. II

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

Date: 01 June 2018

NDT Division

Client Representative:

Name:

Date:

NUSANTARA TECHNOLOGIES SDN. BHD. (187753-D)
No. 5, Jalan Anggerik Mokara 31/45, Seksyen 31, Kota Kemuning, 40460 Shah Alam, Selangor Darul Ehsan, Malaysia.
Tel: 03-5122 9766/7/8 Fax: 03-5122 8766/7 E-mail: info@nusatek.com

Our Ref. : NT/103779/18-10

Report No: NDT/RT/180638-10/18

RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

Client : Yuen Fee (Wan Soon) Eng. Sdn Bhd

Project : Air Receiver

Material: –

Welding Process : FCAW / SAW
Examination Code : ASME V
Acceptance Code: ASME Section VIII Div 1 : 2017 Ed.

Examination Date: 31 May 2018

Procedure No: NT/RT/ASME REV 7.0
IQI type : ASTM 1B
Film Manufacturer/Type : FUJI 100(class II)
Density : 2.0-3.5
Sensitivity: 0.33mm(5 wires visible)
Source to Object Distance : 400mm
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	WT (mm)	RT (mm)	Pipe Diameter (mm)	Material Thickness (mm)	Film Position	Film Interpretation	Result	Remarks
Work Order : A/18/Q2M Drawing Number : AR-1000.034 Description : AR 1000 Litres x 40 BAR Serial No : YF/18/1175								
CS1-YFW094/099	15.7	3	–	12.7	0 - 1	Por / LF	Reject	
CS2-YFW094/099	15.7	3	–	12.7	0 - 1	LF	Reject	

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 : M.Zaffri - NDT Lev. II

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

Date: 01 June 2018

NUSANTARA TECHNOLOGIES SDN. BHD. (187753-D) NDT Division

Client Representative:

Name:
Date:

NUSANTARA TECHNOLOGIES SDN. BHD. (187753-D)
No. 5, Jalan Anggerik Mokara 31/45, Seksyen 31, Kota Kemuning, 40460 Shah Alam, Selangor Darul Ehsan, Malaysia.
Tel: 03-5122 9766/7/8 Fax: 03-5122 8766/7 E-mail: info@nusatek.com

Our Ref. : NT/103779/18-10

Report No: NDT/RT/180638-09/18

RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

Client : Yuen Fee (Wan Soon) Eng. Sdn Bhd

Project : Air Receiver

Material: --

Welding Process : FCAW / SAW
Examination Code : ASME V
Acceptance Code: ASME Section VIII Div 1 : 2017 Ed.

Examination Date: 31 May 2018

Procedure No: NT/RT/ASME REV 7.0
IQI type : ASTM 1B
Film Manufacturer/Type : FUJI 100(class II)
Density : 2.0-3.5
Sensitivity: 0.33mm(5 wires visible)
Source to Object Distance : 400mm
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	WT (mm)	RT (mm)	Pipe Diameter (mm)	Material Thickness (mm)	Film Position	Film Interpretation	Result	Remarks
Work Order : A/18/Q2M Drawing Number : AR-1000.034 Description : AR 1000 Litres x 40 BAR Serial No : YF/18/1175								
CS1 YFW094/099	15.7	3	--	12.7	0 - 1	Por / LF	Reject	
CS2 YFW094/099	15.7	3	--	12.7	0 - 1	SI	Reject	

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 : M.Zaffri - NDT Lev. II

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

Date: 01 June 2018

Client Representative:

Name:

Date:

NUSATEK

NUSANTARA TECHNOLOGIES SDN. BHD. (187753-D)
No. 5, Jalan Anggerik Mokara 31/45, Seksyen 31, Kota Kemuning, 40460 Shah Alam, Selangor Darul Ehsan, Malaysia.
Tel: 03-5122 9766/7/8 Fax: 03-5122 8766/7 E-mail: info@nusatek.com

Our Ref. : NT/103779/18-10

Report No: NDT/RT/180638-04/18

RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

Client :	Yuen Fee (Wan Soon) Eng. Sdn Bhd
Project :	Farabi Normal Paraffin And Derivatives Complex, Yanbu Kingdom Of Saudi Arabia
Material:	Carbon Steel
Welding Process :	SMAW
Examination Code :	ASME V
Acceptance Code:	ASME Section VIII Div 1 : 2017 Ed.
Examination Date:	31 May 2018

Procedure No:	NT/RT/ASME REV 7.0
IQI type :	ASTM 1B
Film Manufacturer/Type :	FUJI 100(class II)
Density :	2.0-3.5
Sensitivity:	0.33mm(5 wires visible)
Source to Object Distance :	400mm
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	WT (mm)	RT (mm)	Pipe Diameter (mm)	Material Thickness (mm)	Film Position	Film Interpretation	Result	Remarks
Work Order : P/18/004-U Drawing Number : YF3004.167 Description : Btex Removal Filter Serial No : U/18/006 Equipment No: 813-V-14B								
LS4 RS SW028	15.7	3	--	12.7	6 - 7	Sur		Visual

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 : M.Zaffri - NDT Lev. II

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

Date: 01 June 2018

NUSANTARA TECHNOLOGIES SDN BHD NDT Division

Client Representative:

Name:

Date:

NUSANTARA TECHNOLOGIES SDN. BHD. (187753-D)
No. 5, Jalan Anggerik Mokara 31/45, Seksyen 31, Kota Kemuning, 40460 Shah Alam, Selangor Darul Ehsan, Malaysia.
Tel: 03-5122 9766/7/8 Fax: 03-5122 8766/7 E-mail: info@nusatek.com

Our Ref. : NT/103779/18-10

Report No: NDT/RT/180638-03/18

RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

Client :	Yuen Fee (Wan Soon) Eng. Sdn Bhd
Project :	Farabi Normal Paraffin And Derivatives Complex, Yanbu Kingdom Of Saudi Arabia
Material:	Carbon Steel
Welding Process :	SMAW
Examination Code :	ASME V
Acceptance Code:	ASME Section VIII Div 1 : 2017 Ed.
Examination Date:	31 May 2018

Procedure No:	NT/RT/ASME REV 7.0
IQI type :	ASTM 1B
Film Manufacturer/Type :	FUJI 100(class II)
Density :	2.0-3.5
Sensitivity:	0.33mm(5 wires visible)
Source to Object Distance :	400mm
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	WT (mm)	RT (mm)	Pipe Diameter (mm)	Material Thickness (mm)	Film Position	Film Interpretation	Result	Remarks
Work Order : P/18/004-U Drawing Number : YF3004.167 Description : Btex Removal Filter Serial No : U/18/006 Equipment No: 813-V-14B								
LS4 R1 SW028	15.7	3	–	12.7	2 - 3 3 - 4 4 - 5 5 - 6	Uc Uc Sur Sl	Reject	Visual Visual Visual

End of Report

Legend:

TI : Tungsten Inclusion	*NRI : No Relevant Indication*	*Uc : Undercut*	*Por : Porosity*	*WT : Weld Thickness*
Sl : 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 : M.Zaffri - NDT Lev. II

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

Date: 01 June 2018

NDT Division

Client Representative:

Name:

Date:

NUSANTARA TECHNOLOGIES SDN. BHD. (187753-D)
No. 5, Jalan Anggerik Mokara 31/45, Seksyen 31, Kota Kemuning, 40460 Shah Alam, Selangor Darul Ehsan, Malaysia.
Tel: 03-5122 9766/7/8 Fax: 03-5122 8766/7 E-mail: info@nusatek.com

Our Ref. : NT/103779/18-10

Report No: NDT/RT/180638-02/18

RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

Client :	Yuen Fee (Wan Soon) Eng. Sdn Bhd
Project :	Farabi Normal Paraffin And Derivatives Complex, Yanbu Kingdom Of Saudi Arabia
Material:	Carbon Steel
Welding Process :	SMAW
Examination Code :	ASME V
Acceptance Code:	ASME Section VIII Div 1 : 2017 Ed.
Examination Date:	31 May 2018

Procedure No:	NT/RT/ASME REV 7.0
IQI type :	ASTM 1B
Film Manufacturer/Type :	FUJI 100(class II)
Density :	2.0-3.5
Sensitivity:	0.33mm(5 wires visible)
Source to Object Distance :	400mm
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	WT (mm)	RT (mm)	Pipe Diameter (mm)	Material Thickness (mm)	Film Position	Film Interpretation	Result	Remarks
Work Order : P/18/004-U Drawing Number : YF3004.167 Description : Btex Removal Filter Serial No : U/18/006 Equipment No: 813-V-14B								
LS3 R1	15.7	3	–	12.7	3 - 4	NRI	Accept	
SW028					6 - 7	Sur	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 : M.Zaffri - NDT Lev. II

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

Date: 01 June 2018

NUSANTARA TECHNOLOGIES SDN. BHD. * (187753-D) * NDT Division

Client Representative:

Name:

Date:

NUSATEK

NUSANTARA TECHNOLOGIES SDN. BHD. (187753-D)
No. 5, Jalan Anggerik Mokara 31/45, Seksyen 31, Kota Kemuning, 40460 Shah Alam, Selangor Darul Ehsan, Malaysia.
Tel: 03-5122 9766/7/8 Fax: 03-5122 8766/7 E-mail: info@nusatek.com

Our Ref. : NT/103779/18-10

Report No: NDT/RT/180638-01/18

RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

Client :	Yuen Fee (Wan Soon) Eng. Sdn Bhd
Project :	Farabi Normal Paraffin And Derivatives Complex, Yanbu Kingdom Of Saudi Arabia
Material:	Carbon Steel
Welding Process :	SMAW
Examination Code :	ASME V
Acceptance Code:	ASME Section VIII Div 1 : 2017 Ed.
Examination Date:	31 May 2018

Procedure No:	NT/RT/ASME REV 7.0
IQI type :	ASTM 1B
Film Manufacturer/Type :	FUJI 100(class II)
Density :	2.0-3.5
Sensitivity:	0.33mm(5 wires visible)
Source to Object Distance :	400mm
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	WT (mm)	RT (mm)	Pipe Diameter (mm)	Material Thickness (mm)	Film Position	Film Interpretation	Result	Remarks
Work Order : P/18/004-U Drawing Number : YF3004.167 Description : Btex Removal Filter Serial No : U/18/003 Equipment No: 813-V-13A								
LS4 R1	15.7	3	–	12.7	0 - 1	NRI	Accept	
SW028					4 - 5	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 : M.Zaffri - NDT Lev. II

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

Date: 01 June 2018

NUSANTARA TECHNOLOGIES SDN. BHD. (187753-D) NDT Division

Client Representative:

Name:

Date: