



Our Ref. : NT/103221/18-05

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Report No: NDT/RT/180162-01/18

### RADIOGRAPHIC EXAMINATION REPORT

#### Client and Testing Particulars

Client :	Recron (M) Sdn Bhd	Procedure No:	NT/RT/ASME Rev. 7.0
Project :	PSF SD-OB Project.	IQI type :	ASTM 1A
Material:	A 106	Film Manufacturer/Type :	FUJI 100(class II)
Welding Process :	GTAW	Density :	2.0 - 3.5
Examination Code :	ASME V	Sensitivity:	0.20mm(2 wires visible)
Acceptance Code:	ASME B31.3	Source to Object Distance :	400mm
Examination Date:	09 March 2018	Source Side of Object to Film Distance:	(33.4)mm
		No of Radiograph(exposure) :	Single Exposure
		No. of Film Each Cassette :	1 Film
		Radiographic Technique :	DWDI
		Film Viewing Technique :	Double 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
EST - 01	9	3	33.4	6	X	NRI	Accept	
					Y	NRI	Accept	
					Z	NRI	Accept	
EST - 02	9	3	33.4	6	X	NRI	Accept	
					Y	NRI	Accept	
					Z	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: 10 March 2018



Client Representative:

Name:

Date:



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### RADIOGRAPHIC EXAMINATION REPORT

#### Client and Testing Particulars

Client :	Recron (M) Sdn Bhd	Procedure No:	NT/RT/ASME Rev. 7.0
Project :	PSF SD-OB Project.	IQI type :	ASTM 1A
Material:	A 106	Film Manufacturer/Type :	FUJI 100(class II)
Welding Process :	GTAW	Density :	2.0 - 3.5
Examination Code :	ASME V	Sensitivity:	0.20mm(2 wires visible)
Acceptance Code:	ASME B31.3	Source to Object Distance :	400mm
Examination Date:	09 March 2018	Source Side of Object to Film Distance:	(33.4)mm
		No of Radiograph(exposure) :	Single Exposure
		No. of Film Each Cassette :	1 Film
		Radiographic Technique :	DWDI
		Film Viewing Technique :	Double 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
EST - 03	9	3	33.4	6	X	NRI	Accept	
					Y	NRI	Accept	
					Z	NRI	Accept	
EST - 04	9	3	33.4	6	X	NRI	Accept	
					Y	NRI	Accept	
					Z	Sur	Accept	

End of Report

#### Legend:

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#### Personnel Particulars

Radiographer : Emirsham - NDT Lev. II

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

Date: 10 March 2018



Client Representative:

Name:  
Date:



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## RADIOGRAPHIC EXAMINATION REPORT

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Material:	A 106	Film Manufacturer/Type :	FUJI 100(class II)
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Examination Code :	ASME V	Sensitivity:	0.20mm(2 wires visible)
Acceptance Code:	ASME B31.3	Source to Object Distance :	400mm
Examination Date:	09 March 2018	Source Side of Object to Film Distance:	(33.4)mm
		No of Radiograph(exposure) :	Single Exposure
		No. of Film Each Cassette :	1 Film
		Radiographic Technique :	DWDI
		Film Viewing Technique :	Double 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
Pump - 05					X	NRI	Accept	
					Y	NRI	Accept	
					Z	NRI	Accept	
Pump - 06					X	NRI	Accept	
					Y	NRI	Accept	
					Z	NRI	Accept	

End of Report

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### Personnel Particulars

Radiographer : Emirsham - NDT Lev. II  
 Interpreted & Evaluated By: Amat Hamidi - NDT Lev.II  
 Date: 10 March 2018



Client Representative:  
 Name:  
 Date:



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		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
Pump - 09	9	3	33.4	6	X	Sur	Accept	
					Y	Sur	Accept	
					Z	NRI	Accept	
Pump - 10	9	3	33.4	6	X	NRI	Accept	
					Y	NRI	Accept	
					Z	NRI	Accept	

End of Report

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#### Personnel Particulars

Radiographer : Emirsham - NDT Lev. II

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

Date: 10 March 2018



Client Representative:

Name:

Date:



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### RADIOGRAPHIC EXAMINATION REPORT

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		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
Pump - 07	9	3	33.4	6	X	NRI	Accept	
					Y	NRI	Accept	
					Z	NRI	Accept	
Pump - 08	9	3	33.4	6	X	NRI	Accept	
					Y	Con	Accept	
					Z	NRI	Accept	

End of Report

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Client Representative:

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

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