



Our Ref.: NT/103511/18-04

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 Report No: NDT/RT/180399-01/18

RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

Client :	Principle Perspective Engineering Sdn. Bhd.	Procedure No:	NT/G/RT/AWS REV 2
Project :	Welder Qualification Test. PPESB//RT/WQT/18/0006	IQI type :	ASTM 1B
Material:	Carbon Steel	Film Manufacturer/Type :	FUJI 100(class II)
Welding Process :	SMAW / FCAW	Density :	2.0 - 3.5
Examination Code :	AWS D1.1	Sensitivity:	0.33mm(5 wires visible)
Acceptance Code:	AWS D1.1 ; 2015	Source to Object Distance :	168.3mm
Examination Date:	13 April 2018	Source Side of Object to Film Distance:	(10.97/18.26+3)
		No of Radiograph(exposure) :	Single Exposure
		No. of Film Each Cassette :	1 Film
		Radiographic Technique :	DWSI
		Film Viewing Technique :	Single Wall Viewing
		Source Type/Size :	Iridium192 (3.6mm)
		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
Naim AT 114357 6GR	13.97/21.26	3	168.3	10.97/18.26	0 - 1	NRI	Accept	
					1 - 2	Por	Accept	
					2 - 0	Por	Accept	
Acun B 5305767 6GR	13.97/21.26	3	168.3	10.97/18.26	0 - 1	Por	Accept	
					1 - 2	Por	Accept	
					2 - 0	Por	Accept	
Teguh Wahyono AS 721102 6GR	13.97/21.26	3	168.3	10.97/18.26	0 - 1	NRI	Accept	
					1 - 2	NRI	Accept	
					2 - 0	NRI	Accept	

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	

End of Report

Personnel Particulars

Radiographer : Noor Affendi - ASNT Lev. I

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

Date: 14 April 2018



Client Representative:

Name:

Date:



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RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

Client :	Principle Perspective Engineering Sdn. Bhd.	Procedure No:	NT/G/RT/AWS REV 2
Project :	Welder Qualification Test. PPESB//RT/WQT/18/0006	IQI type :	ASTM 1B
Material:	Carbon Steel	Film Manufacturer/Type :	FUJI 100(class II)
Welding Process :	SMAW / FCAW	Density :	2.0 - 3.5
Examination Code :	AWS D1.1	Sensitivity:	0.33mm(5 wires visible)
Acceptance Code:	AWS D1.1 ; 2015	Source to Object Distance :	168.3mm
Examination Date:	13 April 2018	Source Side of Object to Film Distance:	(10.97/18.26+3)
		No of Radiograph(exposure) :	Single Exposure
		No. of Film Each Cassette :	1 Film
		Radiographic Technique :	DWSI
		Film Viewing Technique :	Single Wall Viewing
		Source Type/Size :	Iridium192 (3.6mm)
		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
Abdul Rozaq AT 101994 6GR	13.97/21.26	3	168.3	10.97/18.26	0 - 1	SI	Reject	
					1 - 2	Por	Accept	
					2 - 0	SI / Por	Reject	

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 : Noor Affendi - ASNT Lev. II

Client Representative:

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

Date: 14 April 2018

Name:

Date:





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RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

Client :	Principle Perspective Engineering Sdn. Bhd.	Procedure No:	NT/G/RT/AWS REV 2
Project :	Welder Qualification Test. PPESB//RT/WQT/18/0006	IQI type :	ASTM 1B
Material:	Carbon Steel	Film Manufacturer/Type :	FUJI 100(class II)
Welding Process :	SMAW / FCAW	Density :	2.0 - 3.5
Examination Code :	AWS D1.1	Sensitivity:	0.33mm(5 wires visible)
Acceptance Code:	AWS D1.1 ; 2015	Source to Object Distance :	168.3mm
Examination Date:	13 April 2018	Source Side of Object to Film Distance:	(10.97/18.26+3)
		No of Radiograph(exposure) :	Single Exposure
		No. of Film Each Cassette :	1 Film
		Radiographic Technique :	DWSI
		Film Viewing Technique :	Single Wall Viewing
		Source Type/Size :	Iridium192 (3.6mm)
		Location Markers :	Film Side

Radlographic Examination Result

Weld Reference (Welder No)	WT (mm)	RT (mm)	Pipe Diameter (mm)	Material Thickness (mm)	Film Position	Film Interpretation	Result	Remarks
Jafjarli Bin Yapri 740106-12-5623 6GR	13.97/21.26	3	168.3	10.97/18.26	0 - 1	SI		Reject
					1 - 2	Por		Accept
					2 - 0	SI / Por		Reject

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 : Noor Affendi - ASNT Lev. II

Client Representative:

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

Date: 14 April 2018

Name:

Date:





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RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

Client :	Principle Perspective Engineering Sdn. Bhd.	Procedure No:	NT/G/RT/AWS REV 2
Project :	Welder Qualification Test. PPESB//RT/WQT/18/0006	IQI type :	ASTM 1B
Material:	Carbon Steel	Film Manufacturer/Type :	FUJI 100(class II)
Welding Process :	SMAW / FCAW	Density :	2.0 - 3.5
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Acceptance Code:	AWS D1.1 ; 2015	Source to Object Distance :	168.3mm
Examination Date:	13 April 2018	Source Side of Object to Film Distance:	(10.97/18.26+3)
		No of Radiograph(exposure) :	Single Exposure
		No. of Film Each Cassette :	1 Film
		Radiographic Technique :	DWSI
		Film Viewing Technique :	Single Wall Viewing
		Source Type/Size :	Iridium192 (3.6mm)
		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
Khoiri AS 934904-B 6GR	13.97/21.26	3	168.3	10.97/18.26	0 - 1	SI / Por		Reject
					1 - 2	SI		Accept
					2 - 0	Por		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 : Noor Affendi - ASNT Lev. II
 Interpreted & Evaluated By: Amat Hamidi - NDT Lev.II
 Date: 14 April 2018



Client Representative:
 Name:
 Date: