



Our Ref.: NT/RT/103144/18-02

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 Report No: NDT/RT/180104-02/18

## RADIOGRAPHIC EXAMINATION REPORT

### Client and Testing Particulars

Client :	Weir Minerals Malaysia. (Khairul Nazar)	Procedure No:	NT/RT/ASME Rev. 7.0
Project :	Welder Qualification Test. WPS / SMAW - 02-PWHT Rev.0	IQI type :	ASTM 1B
Material:	ASTM A216 WCC	Film Manufacturer/Type :	FUJI 100(class II)
Welding Process :	SMAW	Density :	2.0 - 3.5
Examination Code :	ASME V	Sensitivity:	0.33mm(5 Wires Visible )
Acceptance Code:	ASME IX ; 2017	Source to Object Distance :	500mm
Examination Date:	05 March 2018	Source Side of Object to Film Distance:	30mm
		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 :	Source Side

### Radiographic Examination Result

Weld Reference	WT	RT	Pipe Diameter	Material Thickness	Film Position	Film Interpretation	Result
	(mm)	(mm)	(mm)	(mm)			
Mohd Azraie B. Mat Tahir 821128-10-5513 (WM11) 3G	-	-	-	30	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 March 2018



Client Representative:  
 Name:  
 Date:



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### Radiographic Examination Result

Weld Reference	WT	RT	Pipe Diameter	Material Thickness	Film Position	Film Interpretation	Result
	(mm)	(mm)	(mm)	(mm)			
Hairun Anuar B. Sarial 850521-10-5571 (WM08) 3G	-	-	-	30	0 - 1	Por	Accept

\_\_\_\_\_ End of Report \_\_\_\_\_

#### Legend:

TI: Tungsten Inclusion	NRI: No Relevant Indication	Uc: Undercut	Por: Porosity	WT: Weld Thickness
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### Personnel Particulars

Radiographer : Emirsham - NDT Lev. II

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

Date: 06 March 2018



Client Representative:

Name:

Date: