



Our Ref. : NT/RT/103349/18-02

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Report No: NDT/RT/180286-01/18

RADIOGRAPHIC EXAMINATION REPORT

Client and Testing Particulars

Client :	TNB Repair and Maintenance Sdn. Bhd (REMACO)	Procedure No:	NT/RT/ASME Rev 7.0
Project :	PGB UG HRSGB Diverter Damper	IQI type :	ASTM 1B
Material:	Carbon Steel (M1)	Film Manufacturer/Type :	FUJI 100(class II)
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 ; 2017 Ed.	Source to Object Distance :	400mm
Examination Date:	01 April 2018	Source Side of Object to Film Distance:	(16+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	RT	Pipe Diameter	Material Thickness	Film Position	Film Interpretation	Result	Remarks
	(mm)	(mm)	(mm)	(mm)				
Shaft Dumper								
JT 2	19	3	—	16	0 - 1	Por	Accept	
JT 3	19	3	—	16	0 - 1	Por	Accept	
JT 4	19	3	—	16	0 - 1	NRI	Accept	
JT 5	19	3	—	16	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: 02 April 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	Remarks
	(mm)	(mm)	(mm)	(mm)				
Shaft Dumper								
JT 1	19	3	—	16	0 - 1	LF / Por	Reject	
JT 6	19	3	—	16	0 - 1	SI / Por	Reject	

End of Report

Legend:

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Personnel Particulars

Radiographer : Emirsham - NDT Lev. II

Client Representative:

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

Name:

Date: 02 April 2018

Date:

