LOMBOK CFSPP FTP-2
(2X50 MW) PROJECT

CONTRACTOR DOCUMENT REVIEW

Log In	
	Date :
	Comm. No :

A	☐	Approved
B	☐	Approved as Note
C	☐	Not Approved
I	☐	Information

APPROVAL DOES NOT RELIEVE CONTRACTOR FROM RESPONSIBILITY FOR ERRORS AND DEVIATIONS FROM CONTRACT REQUIREMENT

By : Date :

Log Out	
	Date :
	Comm. No :

Review	Discipline	Sign
	Civil	
	Mechanical	
	Electrical	
	I & C	
	Support	

Distribution	
Contractor Record	
Working Document	

Owner : PT. PERUSAHAAN LISTRIK NEGARA (PERSERO)
UNIT INDUK PEMBANGUNAN NUSA TENGGARA

Engineer : PT. PERUSAHAAN LISTRIK NEGARA (PERSERO)
PUSAT ENJINIRING KETENAGALISTRIKAN

Contract No :

PLN Doc No :

Title : NDE REPORT FOR AREA C170

Purpose : ISSUE FOR APPROVAL

Rev	Description	Prepared	Checked	Approved	Date
0	For Approval	Benridho	Rusnandi	Musato	17-April-2025

PT. HANAZONO Engineering Indonesia
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PT. HANAZONO ENGINEERING INDONESIA

ITEM NO	
EQUIPMENT NAME	ESP PLATWORK FOR BOILER UNIT 2
PO.NO	LPP-10-F9-PO-239-R

Contractor : Consortium Of

Rekind Integrated EPC and Industrial Solutions

RAFAKO GRUPA PBG

Doc. No : LPP-239-MEC-VS-243-V

REVISION HISTORICAL SHEET

Rev. No.	Date	Description
0	17-April-2025	Issue for Approval

PT. TITIAN LANCAR ABADI

NDT INSPECTION & CERTIFICATION

SPECIALIST :

NON DESTRUCTIVE (NDT - POST WELD HEAT TREATMENT (PWHT) - PRESSURE TESTING (PST)

INSPECTION AND CERTIFICATION - TECHNICAL - NDT EQUIPMENT SUPPLIER

Head Office : Kp. Gunung Buntu, RT. 005/ RW. 003, Ds. Banyuwangi, Kec. Pulo Ampel, Kab. Serang, Prov. Banten - INDONESIA 42455

Branch Office : Perumahan Taman Cilegon Cluster Catalonia Blok G7 No. 16 Kota Cilegon, Prov. Banten - INDONESIA 42413

Phone. (0254) 781-8985

E-mail. pttitian889@gmail.com

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MAGNETIC TEST EXAMINATION REPORT

PROJECT	LOMBOK CFSPP FTP-2 (2x50MW)	**REPORT NO**	155/MT/TLA/X/2024
CLIENT	PT. HANAZONO ENGINEERING INDONESIA	**SHEET NO**	1 OF 1
OWNER	PT. REKAYASA INDUSTRI	**TIME**	08.00 - 17.00 WIB.
PROCEDURE	LPP-239-MEC-VP-010-V	**LOCATION**	WORKSHOP
ACC. CRITERIA	AWS D1.1	**INSPECTION DATE**	October 9, 2024

DETAIL OF JOB

SUBJECT	DIFFUSER
ITEM NO	ELEMENT 1
UNIT NO	1
DWG NO	LPP-239-MEC-VG-122-V
MATERIAL	SS400
TEMP	AMBIENT
OP NO	-

SURFACE PREPARATION :

- ● AS WELDED
- ○ AS CAST
- ○ AS ROLLED
- ○ AFTER PWHT
- ○ AS FORGED
- ○ AFTER HYDROTEST
- ○ OTHER
- ● WIRE BRUSHING

STAGE OF EXAMINATION :

- ○ BEFORE/AFTER PWHT
- ○ BEFORE/AFTER REPAIR
- ○ BEFORE/AFTER HYDROTEST
- ● OTHER

EQUIPMENT

TYPE OF MAGNETIC	:	○ AC	○ DC	● PERMANENT
MAGNETIC METHOD	:	● WET VISIBLE	○ POWDER	○ OTHER

		PRODUK:	MANUFACTURER:
7HF	:	110741	MAGNAFLUX
CLEANER	:	-	MAGNAFLUX
WCP	:	2001268	MAGNAFLUX

DESCRIPTION: **WELD PROCESS FCAW**

MT APPLICATION:

- ● SPRAYING
- ○ BRUSHING

BLACK LIGHT INTENSITY	:	-	$\mu w/cm^2$
LIGHT INTENSITY	:	1080	Lux

JOINT NO	WELDER STAMP	WELD PROCESS	SIZE (mm)		RESULT	
			LINEAR	ROUNDED	ACC	REJ
JT-06	JH-1006	FCAW	-	-	√	-

JOINT NO	WELDER STAMP	WELD PROCESS	SIZE (mm)		RESULT	
			LINEAR	ROUNDED	ACC	REJ

PT. TITIAN LANCAR ABADI	PT. HANAZONO ENGINEERING INDONESIA	PT. REKAYASA INDUSTRI	PT. PERUSAHAAN LISTRIK NEGARA (PERSERO) UIP NUSA TENGGARA
INSPECTION & SERTIFICATION TLA PT. TITIAN LANCAR ABADI		LOMBOK CFSPPFTP2 (2x50MW) QC PT. REKAYASA INDUSTRI	
ASNT MT LEVEL II : KRISNO	Benridho	Gan Gan Dermawan	
DATE : October 9, 2024	10/10/2024	10 · 10 · 24	

PT. TITIAN LANCAR ABADI

NDT INSPECTION & CERTIFICATION

SPECIALIST :

NON DESTRUCTIVE (NDT - POST WELD HEAT TREATMENT (PWHT) - PRESSURE TESTING (PST)

INSPECTION AND CERTIFICATION - TECHNICAL - NDT EQUIPMENT SUPPLIER

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ISO 9001:2015

MAGNETIC TEST EXAMINATION REPORT

PROJECT	LOMBOK CFSPP FTP-2 (2x50MW)	**REPORT NO**	156/MT/TLA/X/2024
CLIENT	PT. HANAZONO ENGINEERING INDONESIA	**SHEET NO**	1 OF 1
OWNER	PT. REKAYASA INDUSTRI	**TIME**	08.00 - 17.00 WIB.
PROCEDURE	LPP-239-MEC-VP-010-V	**LOCATION**	WORKSHOP
ACC. CRITERIA	AWS D1.1	**INSPECTION DATE**	October 9, 2024

DETAIL OF JOB

SUBJECT	DIFFUSER
ITEM NO	ELEMENT 2
UNIT NO	1
DWG NO	LPP-239-MEC-VG-122-V
MATERIAL	SS400
TEMP	AMBIENT
OP NO	-

SURFACE PREPARATION :

- ● AS WELDED
- ○ AS CAST
- ○ AS ROLLED
- ○ AFTER PWHT
- ○ AS FORGED
- ○ AFTER HYDROTEST
- ○ OTHER
- ● WIRE BRUSHING

STAGE OF EXAMINATION :

- ○ BEFORE/AFTER PWHT
- ○ BEFORE/AFTER REPAIR
- ○ BEFORE/AFTER HYDROTEST
- ● OTHER

EQUIPMENT

TYPE OF MAGNETIC	:	○ AC	○ DC	● PERMANENT
MAGNETIC METHOD	:	● WET VISIBLE	○ POWDER	○ OTHER

		PRODUK:	MANUFACTURER:
7HF	:	110741	MAGNAFLUX
CLEANER	:	-	MAGNAFLUX
WCP	:	2001268	MAGNAFLUX

DESCRIPTION: **WELD PROCESS FCAW**

MT APPLICATION:

- ● SPRAYING
- ○ BRUSHING

BLACK LIGHT INTENSITY	:	-	$\mu w/cm^2$
LIGHT INTENSITY	:	1080	Lux

JOINT NO	WELDER STAMP	WELD PROCESS	SIZE (mm)		RESULT	
			LINEAR	ROUNDED	ACC	REJ
JT-06	JH-1006	FCAW	-	-	√	-

JOINT NO	WELDER STAMP	WELD PROCESS	SIZE (mm)		RESULT	
			LINEAR	ROUNDED	ACC	REJ

PT. TITIAN LANCAR ABADI	PT. HANAZONO ENGINEERING INDONESIA	PT. REKAYASA INDUSTRI	PT. PERUSAHAAN LISTRIK NEGARA (PERSERO) UIP NUSA TENGGARA
ASNT MT LEVEL II : KRISNO	Benridho	Gan Gan Dermawan	
DATE : October 9, 2024	Oct 10, 2024	9-10-24	

PT. TITIAN LANCAR ABADI

NDT INSPECTION & CERTIFICATION

SPECIALIST :

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PJK3 ISO 9001:2015 IAF NSC 14001:2015 NSC 45001:2018

MAGNETIC TEST EXAMINATION REPORT

PROJECT	LOMBOK CFSPP FTP-2 (2x50MW)	**REPORT NO**	157/MT/TLA/X/2024
CLIENT	PT. HANAZONO ENGINEERING INDONESIA	**SHEET NO**	1 OF 1
OWNER	PT. REKAYASA INDUSTRI	**TIME**	08.00 - 17.00 WIB.
PROCEDURE	LPP-239-MEC-VP-010-V	**LOCATION**	WORKSHOP
ACC. CRITERIA	AWS D1.1	**INSPECTION DATE**	October 9, 2024

DETAIL OF JOB

SUBJECT	DIFFUSER
ITEM NO	ELEMENT 3
UNIT NO	1
DWG NO	LPP-239-MEC-VG-122-V
MATERIAL	SS400
TEMP	AMBIENT
SOP NO	-

SURFACE PREPARATION :

- (●) AS WELDED
- ( ) AS CAST
- ( ) AS ROLLED
- ( ) AFTER PWHT
- ( ) AS FORGED
- ( ) AFTER HYDROTEST
- ( ) OTHER
- (●) WIRE BRUSHING

STAGE OF EXAMINATION :

- ( ) BEFORE/AFTER PWHT
- ( ) BEFORE/AFTER REPAIR
- ( ) BEFORE/AFTER HYDROTEST
- (●) OTHER

EQUIPMENT

TYPE OF MAGNETIC	:	( ) AC	( ) DC	(●) PERMANENT
MAGNETIC METHOD	:	(●) WET VISIBLE	( ) POWDER	( ) OTHER

		PRODUK:	MANUFACTURER:
7HF	:	110741	MAGNAFLUX
CLEANER	:	-	MAGNAFLUX
WCP	:	2001268	MAGNAFLUX

DESCRIPTION: **WELD PROCESS FCAW**

MT APPLICATION:

- (●) SPRAYING
- ( ) BRUSHING

BLACK LIGHT INTENSITY	:	-	$\mu w/cm^2$
LIGHT INTENSITY	:	1080	Lux

JOINT NO	WELDER STAMP	WELD PROCESS	SIZE (mm) LINEAR	SIZE (mm) ROUNDED	RESULT ACC	RESULT REJ
JT-06	JH-1006	FCAW	-	-	√	-

JOINT NO	WELDER STAMP	WELD PROCESS	SIZE (mm) LINEAR	SIZE (mm) ROUNDED	RESULT ACC	RESULT REJ

PT. TITIAN LANCAR ABADI	PT. HANAZONO ENGINEERING INDONESIA	PT. REKAYASA INDUSTRI	PT. PERUSAHAAN LISTRIK NEGARA (PERSERO) UIP NUSA TENGGARA
ASNT MT LEVEL II : KRISNO	Benridho	Gan Gan Dermawan	
DATE : October 9, 2024	Oct 10, 2024	4-10-2024	

PT. TITIAN LANCAR ABADI

NDT INSPECTION & CERTIFICATION

SPECIALIST :

NON DESTRUCTIVE (NDT - POST WELD HEAT TREATMENT (PWHT) - PRESSURE TESTING (PST)

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ISO 9001:2015

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NSC 14001 : 2015 Environmental Management System

NSC 45001 : 2018 Occupational Health And Safety Management System

MAGNETIC TEST EXAMINATION REPORT

PROJECT	LOMBOK CFSPP FTP-2 (2x50MW)	**REPORT NO**	158/MT/TLA/X/2024
CLIENT	PT. HANAZONO ENGINEERING INDONESIA	**SHEET NO**	1 OF 1
OWNER	PT. REKAYASA INDUSTRI	**TIME**	08.00 - 17.00 WIB.
PROCEDURE	LPP-239-MEC-VP-010-V	**LOCATION**	WORKSHOP
ACC. CRITERIA	AWS D1.1	**INSPECTION DATE**	October 9, 2024

DETAIL OF JOB

SUBJECT	DIFFUSER
ITEM NO	ELEMENT 6
UNIT NO	1
DWG NO	LPP-239-MEC-VG-122-V
MATERIAL	SS400
TEMP	AMBIENT
OP NO	-

SURFACE PREPARATION :

- ● AS WELDED
- ○ AS CAST
- ○ AS ROLLED
- ○ AFTER PWHT
- ○ AS FORGED
- ○ AFTER HYDROTEST
- ○ OTHER
- ● WIRE BRUSHING

STAGE OF EXAMINATION :

- ○ BEFORE/AFTER PWHT
- ○ BEFORE/AFTER REPAIR
- ○ BEFORE/AFTER HYDROTEST
- ● OTHER

EQUIPMENT

TYPE OF MAGNETIC	:	○ AC	○ DC	● PERMANENT
MAGNETIC METHOD	:	● WET VISIBLE	○ POWDER	○ OTHER

		PRODUK:	MANUFACTURER:
7HF	:	110741	MAGNAFLUX
CLEANER	:	-	MAGNAFLUX
WCP	:	2001268	MAGNAFLUX

DESCRIPTION: **WELD PROCESS FCAW**

MT APPLICATION:

- ● SPRAYING
- ○ BRUSHING

BLACK LIGHT INTENSITY	:	-	$\mu w/cm^2$
LIGHT INTENSITY	:	1080	Lux

JOINT NO	WELDER STAMP	WELD PROCESS	SIZE (mm) LINEAR	SIZE (mm) ROUNDED	RESULT ACC	RESULT REJ
JT-06	JH-1006	FCAW	-	-	√	-

JOINT NO	WELDER STAMP	WELD PROCESS	SIZE (mm) LINEAR	SIZE (mm) ROUNDED	RESULT ACC	RESULT REJ

PT. TITIAN LANCAR ABADI	PT. HANAZONO ENGINEERING INDONESIA	PT. REKAYASA INDUSTRI	PT. PERUSAHAAN LISTRIK NEGARA (PERSERO) UIP NUSA TENGGARA
INSPECTION & SERTIFICATION TLA PT. TITIAN LANCAR ABADI		LOMBOK CFSPP FTP 2 (2X50 MW) QC PT. REKAYASA INDUSTRI	
ASNT MT LEVEL II : KRISNO	Benridho	Gan Gan Dermawan	
DATE : October 9, 2024	Oct 10, 2024	6-10-24	

PT. TITIAN LANCAR ABADI
NDT INSPECTION & CERTIFICATION

SPECIALIST :
NON DESTRUCTIVE (NDT - POST WELD HEAT TREATMENT (PWHT) - PRESSURE TESTING (PST)
INSPECTION AND CERTIFICATION - TECHNICAL - NDT EQUIPMENT SUPPLIER

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MAGNETIC TEST EXAMINATION REPORT

PROJECT	LOMBOK CFSPP FTP-2 (2x50MW)	REPORT NO	159/MT/TLA/X/2024
CLIENT	PT. HANAZONO ENGINEERING INDONESIA	SHEET NO	1 OF 1
OWNER	PT. REKAYASA INDUSTRI	TIME	08.00 - 17.00 WIB.
PROCEDURE	LPP-239-MEC-VP-010-V	LOCATION	WORKSHOP
ACC. CRITERIA	AWS D1.1	INSPECTION DATE	October 9, 2024

DETAIL OF JOB

SUBJECT	DIFFUSER
ITEM NO	ELEMENT 9
UNIT NO	1
DWG NO	LPP-239-MEC-VG-123-V
MATERIAL	SS400
TEMP	AMBIENT
OP NO	-

SURFACE PREPARATION :

- ● AS WELDED
- ○ AS CAST
- ○ AS ROLLED
- ○ AFTER PWHT
- ○ AS FORGED
- ○ AFTER HYDROTEST
- ○ OTHER
- ● WIRE BRUSHING

STAGE OF EXAMINATION :

- ○ BEFORE/AFTER PWHT
- ○ BEFORE/AFTER REPAIR
- ○ BEFORE/AFTER HYDROTEST
- ● OTHER

EQUIPMENT

TYPE OF MAGNETIC	:	○ AC	○ DC	● PERMANENT
MAGNETIC METHOD	:	● WET VISIBLE	○ POWDER	○ OTHER

		PRODUK:	MANUFACTURER:
7HF	:	110741	MAGNAFLUX
CLEANER	:	-	MAGNAFLUX
WCP	:	2001268	MAGNAFLUX

DESCRIPTION: WELD PROCESS FCAW

MT APPLICATION:

- ● SPRAYING
- ○ BRUSHING

BLACK LIGHT INTENSITY	:	-	$\mu w/cm^2$
LIGHT INTENSITY	:	1080	Lux

JOINT NO	WELDER STAMP	WELD PROCESS	SIZE (mm) LINEAR	SIZE (mm) ROUNDED	RESULT ACC	RESULT REJ
JT-06	AF-1307	FCAW	-	-	√	-

JOINT NO	WELDER STAMP	WELD PROCESS	SIZE (mm) LINEAR	SIZE (mm) ROUNDED	RESULT ACC	RESULT REJ

PT. TITIAN LANCAR ABADI	PT. HANAZONO ENGINEERING INDONESIA	PT. REKAYASA INDUSTRI	PT. PERUSAHAAN LISTRIK NEGARA (PERSERO) UIP NUSA TENGGARA
ASNT MT LEVEL II : KRISNO	Benridho	Gan Gan Dermawan	
DATE : October 9, 2024	Oct 10, 2024	9-10-24	

PT. TITIAN LANCAR ABADI

NDT INSPECTION & CERTIFICATION

SPECIALIST :

NON DESTRUCTIVE (NDT - POST WELD HEAT TREATMENT (PWHT) - PRESSURE TESTING (PST)
INSPECTION AND CERTIFICATION - TECHNICAL - NDT EQUIPMENT SUPPLIER

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MAGNETIC TEST EXAMINATION REPORT

PROJECT	LOMBOK CFSPP FTP-2 (2x50MW)	**REPORT NO**	160/MT/TLA/X/2024
CLIENT	PT. HANAZONO ENGINEERING INDONESIA	**SHEET NO**	1 OF 1
OWNER	PT. REKAYASA INDUSTRI	**TIME**	08.00 - 17.00 WIB.
PROCEDURE	LPP-239-MEC-VP-010-V	**LOCATION**	WORKSHOP
ACC. CRITERIA	AWS D1.1	**INSPECTION DATE**	October 9, 2024

DETAIL OF JOB

SUBJECT	DIFFUSER
ITEM NO	ELEMENT 9
UNIT NO	2
DWG NO	LPP-239-MEC-VG-123-V
MATERIAL	SS400
TEMP	AMBIENT
OP NO	-

SURFACE PREPARATION :

- (●) AS WELDED
- ( ) AS CAST
- ( ) AS ROLLED
- ( ) AFTER PWHT
- ( ) AS FORGED
- ( ) AFTER HYDROTEST
- ( ) OTHER
- (●) WIRE BRUSHING

STAGE OF EXAMINATION :

- ( ) BEFORE/AFTER PWHT
- ( ) BEFORE/AFTER REPAIR
- ( ) BEFORE/AFTER HYDROTEST
- (●) OTHER

EQUIPMENT

TYPE OF MAGNETIC :
- ( ) AC
- ( ) DC
- (●) PERMANENT

MAGNETIC METHOD :
- (●) WET VISIBLE
- ( ) POWDER
- ( ) OTHER

		PRODUK:	MANUFACTURER:
7HF	:	110741	MAGNAFLUX
CLEANER	:	-	MAGNAFLUX
WCP	:	2001268	MAGNAFLUX

DESCRIPTION: WELD PROCESS FCAW

MT APPLICATION:
- (●) SPRAYING
- ( ) BRUSHING

BLACK LIGHT INTENSITY	:	-	$\mu w/cm^2$
LIGHT INTENSITY	:	1080	Lux

JOINT NO	WELDER STAMP	WELD PROCESS	SIZE (mm) LINEAR	SIZE (mm) ROUNDED	RESULT ACC	RESULT REJ
JT-06	AF-1307	FCAW	-	-	√	-

JOINT NO	WELDER STAMP	WELD PROCESS	SIZE (mm) LINEAR	SIZE (mm) ROUNDED	RESULT ACC	RESULT REJ

PT. TITIAN LANCAR ABADI	PT. HANAZONO ENGINEERING INDONESIA	PT. REKAYASA INDUSTRI	PT. PERUSAHAAN LISTRIK NEGARA (PERSERO) UIP NUSA TENGGARA
ASNT MT LEVEL II : KRISNO	Benridho	Gan Gan Dermawan	
DATE : October 9, 2024	04 10 2024	4-10-24	

PT. TITIAN LANCAR ABADI

NDT INSPECTION & CERTIFICATION

SPECIALIST :

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MAGNETIC TEST EXAMINATION REPORT

PROJECT	LOMBOK CFSPP FTP-2 (2x50MW)	**REPORT NO**	161/MT/TLA/X/2024
CLIENT	PT. HANAZONO ENGINEERING INDONESIA	**SHEET NO**	1 OF 1
OWNER	PT. REKAYASA INDUSTRI	**TIME**	08.00 - 17.00 WIB.
PROCEDURE	LPP-239-MEC-VP-010-V	**LOCATION**	WORKSHOP
ACC. CRITERIA	AWS D1.1	**INSPECTION DATE**	October 9, 2024

DETAIL OF JOB

SUBJECT	DIFFUSER
ITEM NO	ELEMENT 10
UNIT NO	1
DWG NO	LPP-239-MEC-VG-123-V
MATERIAL	SS400
TEMP	AMBIENT
OP NO	-

SURFACE PREPARATION :

- ● AS WELDED
- ○ AS CAST
- ○ AS ROLLED
- ○ AFTER PWHT
- ○ AS FORGED
- ○ AFTER HYDROTEST
- ○ OTHER
- ● WIRE BRUSHING

STAGE OF EXAMINATION :

- ○ BEFORE/AFTER PWHT
- ○ BEFORE/AFTER REPAIR
- ○ BEFORE/AFTER HYDROTEST
- ● OTHER

EQUIPMENT

TYPE OF MAGNETIC	:	○ AC	○ DC	● PERMANENT
MAGNETIC METHOD	:	● WET VISIBLE	○ POWDER	○ OTHER

		PRODUK:	MANUFACTURER:
7HF	:	110741	MAGNAFLUX
CLEANER	:	-	MAGNAFLUX
WCP	:	2001268	MAGNAFLUX

DESCRIPTION: **WELD PROCESS FCAW**

MT APPLICATION:

- ● SPRAYING
- ○ BRUSHING

BLACK LIGHT INTENSITY	:	-	$\mu w/cm^2$
LIGHT INTENSITY	:	1080	Lux

JOINT NO	WELDER STAMP	WELD PROCESS	SIZE (mm) LINEAR	SIZE (mm) ROUNDED	RESULT ACC	RESULT REJ
JT-06	JH-1006	FCAW	-	-	√	-

JOINT NO	WELDER STAMP	WELD PROCESS	SIZE (mm) LINEAR	SIZE (mm) ROUNDED	RESULT ACC	RESULT REJ

PT. TITIAN LANCAR ABADI	PT. HANAZONO ENGINEERING INDONESIA	PT. REKAYASA INDUSTRI	PT. PERUSAHAAN LISTRIK NEGARA (PERSERO) UIP NUSA TENGGARA
INSPECTION & SERTIFICATION PT. TITIAN LANCAR ABADI TLA		LOMBOK CFSPP FTP 2 (2x50MW) QC PT. REKAYASA INDUSTRI	
ASNT MT LEVEL II : KRISNO	Benridho	Gan Gan Dermawan	
DATE : October 9, 2024	Oct 10, 2024	9-10 24	

PT. TITIAN LANCAR ABADI

NDT INSPECTION & CERTIFICATION

SPECIALIST :

NON DESTRUCTIVE (NDT - POST WELD HEAT TREATMENT (PWHT) - PRESSURE TESTING (PST)

INSPECTION AND CERTIFICATION - TECHNICAL - NDT EQUIPMENT SUPPLIER

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ISO 9001:2015

MAGNETIC TEST EXAMINATION REPORT

PROJECT	LOMBOK CFSPP FTP-2 (2x50MW)	REPORT NO	162/MT/TLA/X/2024
CLIENT	PT. HANAZONO ENGINEERING INDONESIA	SHEET NO	1 OF 1
OWNER	PT. REKAYASA INDUSTRI	TIME	08.00 - 17.00 WIB.
PROCEDURE	LPP-239-MEC-VP-010-V	LOCATION	WORKSHOP
ACC. CRITERIA	AWS D1.1	INSPECTION DATE	October 9, 2024

DETAIL OF JOB

SUBJECT	DIFFUSER
ITEM NO	ELEMENT 10
UNIT NO	2
DWG NO	LPP-239-MEC-VG-123-V
MATERIAL	SS400
TEMP	AMBIENT
OP NO	-

SURFACE PREPARATION :

- (●) AS WELDED
- ( ) AS CAST
- ( ) AS ROLLED
- ( ) AFTER PWHT
- ( ) AS FORGED
- ( ) AFTER HYDROTEST
- ( ) OTHER
- (●) WIRE BRUSHING

STAGE OF EXAMINATION :

- ( ) BEFORE/AFTER PWHT
- ( ) BEFORE/AFTER REPAIR
- ( ) BEFORE/AFTER HYDROTEST
- (●) OTHER

EQUIPMENT

TYPE OF MAGNETIC	:	( ) AC	( ) DC	(●) PERMANENT
MAGNETIC METHOD	:	(●) WET VISIBLE	( ) POWDER	( ) OTHER

		PRODUK:	MANUFACTURER:
7HF	:	110741	MAGNAFLUX
CLEANER	:	-	MAGNAFLUX
WCP	:	2001268	MAGNAFLUX

DESCRIPTION: WELD PROCESS FCAW

MT APPLICATION:

- (●) SPRAYING
- ( ) BRUSHING

BLACK LIGHT INTENSITY	:	-	$\mu w/cm^2$
LIGHT INTENSITY	:	1080	Lux

JOINT NO	WELDER STAMP	WELD PROCESS	SIZE (mm) LINEAR	SIZE (mm) ROUNDED	RESULT ACC	RESULT REJ
JT-06	JH-1006	FCAW	-	-	√	-

JOINT NO	WELDER STAMP	WELD PROCESS	SIZE (mm) LINEAR	SIZE (mm) ROUNDED	RESULT ACC	RESULT REJ

PT. TITIAN LANCAR ABADI	PT. HANAZONO ENGINEERING INDONESIA	PT. REKAYASA INDUSTRI	PT. PERUSAHAAN LISTRIK NEGARA (PERSERO) UIP NUSA TENGGARA
ASNT MT LEVEL II : KRISNO	Benridho	Gan Gan Dermawan	
DATE : October 9, 2024	Oct 10, 2024	4-10-24	

PT. TITIAN LANCAR ABADI

NDT INSPECTION & CERTIFICATION

SPECIALIST :

NON DESTRUCTIVE (NDT - POST WELD HEAT TREATMENT (PWHT) - PRESSURE TESTING (PST)
INSPECTION AND CERTIFICATION - TECHNICAL - NDT EQUIPMENT SUPPLIER

Head Office : Kp. Gunung Buntu, RT. 005/ RW. 003, Ds. Banyuwangi, Kec. Pulo Ampel, Kab. Serang, Prov. Banten - INDONESIA 42455

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PJK3

ISO 9001:2015

14001 : 2015 Environmental Management System

45001 : 2018 Occupational Health and Safety Management System

MAGNETIC TEST EXAMINATION REPORT

PROJECT	LOMBOK CFSPP FTP-2 (2x50MW)	**REPORT NO**	163/MT/TLA/X/2024
CLIENT	PT. HANAZONO ENGINEERING INDONESIA	**SHEET NO**	1 OF 1
OWNER	PT. REKAYASA INDUSTRI	**TIME**	08.00 - 17.00 WIB.
PROCEDURE	LPP-239-MEC-VP-010-V	**LOCATION**	WORKSHOP
ACC. CRITERIA	AWS D1.1	**INSPECTION DATE**	October 9, 2024

DETAIL OF JOB

SUBJECT	DIFFUSER
ITEM NO	ELEMENT 14
UNIT NO	1
DWG NO	LPP-239-MEC-VG-122-V
MATERIAL	SS400
TEMP	AMBIENT
OP NO	-

SURFACE PREPARATION :

- ● AS WELDED
- ○ AS CAST
- ○ AS ROLLED
- ○ AFTER PWHT
- ○ AS FORGED
- ○ AFTER HYDROTEST
- ○ OTHER
- ● WIRE BRUSHING

STAGE OF EXAMINATION :

- ○ BEFORE/AFTER PWHT
- ○ BEFORE/AFTER REPAIR
- ○ BEFORE/AFTER HYDROTEST
- ● OTHER

EQUIPMENT

TYPE OF MAGNETIC	:	○ AC	○ DC	● PERMANENT
MAGNETIC METHOD	:	● WET VISIBLE	○ POWDER	○ OTHER

		PRODUK:	MANUFACTURER:
7HF	:	110741	MAGNAFLUX
CLEANER	:	-	MAGNAFLUX
WCP	:	2001268	MAGNAFLUX

DESCRIPTION: **WELD PROCESS FCAW**

MT APPLICATION:

- ● SPRAYING
- ○ BRUSHING

BLACK LIGHT INTENSITY	:	-	$\mu w/cm^2$
LIGHT INTENSITY	:	1080	Lux

JOINT NO	WELDER STAMP	WELD PROCESS	SIZE (mm) LINEAR	SIZE (mm) ROUNDED	RESULT ACC	RESULT REJ
JT-06	JH-1006	FCAW	-	-	√	-

JOINT NO	WELDER STAMP	WELD PROCESS	SIZE (mm) LINEAR	SIZE (mm) ROUNDED	RESULT ACC	RESULT REJ

PT. TITIAN LANCAR ABADI	PT. HANAZONO ENGINEERING INDONESIA	PT. REKAYASA INDUSTRI	PT. PERUSAHAAN LISTRIK NEGARA (PERSERO) UIP NUSA TENGGARA
ASNT MT LEVEL II : KRISNO	Benridho	Gan Gan Dermawan	
DATE : October 9, 2024	OCT 10, 2024	10-10-24	

PT. TITIAN LANCAR ABADI

NDT INSPECTION & CERTIFICATION

SPECIALIST :

NON DESTRUCTIVE (NDT - POST WELD HEAT TREATMENT (PWHT) - PRESSURE TESTING (PST)
INSPECTION AND CERTIFICATION - TECHNICAL - NDT EQUIPMENT SUPPLIER

Head Office : Kp. Gunung Buntu, RT. 005/ RW. 003, Ds. Banyuwangi, Kec. Pulo Ampel, Kab. Serang, Prov. Banten - INDONESIA 42455

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MAGNETIC TEST EXAMINATION REPORT

PROJECT	LOMBOK CFSPP FTP-2 (2x50MW)	**REPORT NO**	164/MT/TLA/X/2024
CLIENT	PT. HANAZONO ENGINEERING INDONESIA	**SHEET NO**	1 OF 1
OWNER	PT. REKAYASA INDUSTRI	**TIME**	08.00 - 17.00 WIB.
PROCEDURE	LPP-239-MEC-VP-010-V	**LOCATION**	WORKSHOP
ACC. CRITERIA	AWS D1.1	**INSPECTION DATE**	October 9, 2024

DETAIL OF JOB

SUBJECT	DIFFUSER
ITEM NO	ELEMENT 15
UNIT NO	1
DWG NO	LPP-239-MEC-VG-122-V
MATERIAL	SS400
TEMP	AMBIENT
OP NO	-

SURFACE PREPARATION :

- ● AS WELDED
- ○ AS CAST
- ○ AS ROLLED
- ○ AFTER PWHT
- ○ AS FORGED
- ○ AFTER HYDROTEST
- ○ OTHER
- ● WIRE BRUSHING

STAGE OF EXAMINATION :

- ○ BEFORE/AFTER PWHT
- ○ BEFORE/AFTER REPAIR
- ○ BEFORE/AFTER HYDROTEST
- ● OTHER

EQUIPMENT

TYPE OF MAGNETIC	:	○ AC	○ DC	● PERMANENT
MAGNETIC METHOD	:	● WET VISIBLE	○ POWDER	○ OTHER

		PRODUK:	MANUFACTURER:
7HF	:	110741	MAGNAFLUX
CLEANER	:	-	MAGNAFLUX
WCP	:	2001268	MAGNAFLUX

DESCRIPTION: **WELD PROCESS FCAW**

MT APPLICATION:

- ● SPRAYING
- ○ BRUSHING

BLACK LIGHT INTENSITY	:	-	$\mu w/cm^2$
LIGHT INTENSITY	:	1080	Lux

JOINT NO	WELDER STAMP	WELD PROCESS	SIZE (mm) LINEAR	SIZE (mm) ROUNDED	RESULT ACC	RESULT REJ
JT-06	JH-1006	FCAW	-	-	√	-

JOINT NO	WELDER STAMP	WELD PROCESS	SIZE (mm) LINEAR	SIZE (mm) ROUNDED	RESULT ACC	RESULT REJ

PT. TITIAN LANCAR ABADI	PT. HANAZONO ENGINEERING INDONESIA	PT. REKAYASA INDUSTRI	PT. PERUSAHAAN LISTRIK NEGARA (PERSERO) UIP NUSA TENGGARA
ASNT MT LEVEL II : KRISNO	Benridho	Gan Gan Dermawan	
DATE : October 9, 2024	Oct 10, 2024	10-10-24	

PT. TITIAN LANCAR ABADI

NDT INSPECTION & CERTIFICATION

SPECIALIST :

NON DESTRUCTIVE (NDT - POST WELD HEAT TREATMENT (PWHT) - PRESSURE TESTING (PST)
INSPECTION AND CERTIFICATION - TECHNICAL - NDT EQUIPMENT SUPPLIER

Head Office : Kp. Gunung Buntu, RT. 005/ RW. 003, Ds. Banyuwangi, Kec. Pulo Ampel, Kab. Serang, Prov. Banten - INDONESIA 42455

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ISO 9001:2015

IAF

NSC 14001 : 2015 Environmental Management System

NSC 45001 : 2018 Occupational Health and Safety Management System

MAGNETIC TEST EXAMINATION REPORT

PROJECT	LOMBOK CFSPP FTP-2 (2x50MW)	**REPORT NO**	165/MT/TLA/X/2024
CLIENT	PT. HANAZONO ENGINEERING INDONESIA	**SHEET NO**	1 OF 1
OWNER	PT. REKAYASA INDUSTRI	**TIME**	08.00 - 17.00 WIB.
PROCEDURE	LPP-239-MEC-VP-010-V	**LOCATION**	WORKSHOP
ACC. CRITERIA	AWS D1.1	**INSPECTION DATE**	October 9, 2024

DETAIL OF JOB

SUBJECT	DIFFUSER
ITEM NO	ELEMENT 15
UNIT NO	2
DWG NO	LPP-239-MEC-VG-122-V
MATERIAL	SS400
TEMP	AMBIENT
OP NO	-

SURFACE PREPARATION :

- (●) AS WELDED
- ( ) AS CAST
- ( ) AS ROLLED
- ( ) AFTER PWHT
- ( ) AS FORGED
- ( ) AFTER HYDROTEST
- ( ) OTHER
- (●) WIRE BRUSHING

STAGE OF EXAMINATION :

- ( ) BEFORE/AFTER PWHT
- ( ) BEFORE/AFTER REPAIR
- ( ) BEFORE/AFTER HYDROTEST
- (●) OTHER

EQUIPMENT

TYPE OF MAGNETIC	:	( ) AC	( ) DC	(●) PERMANENT
MAGNETIC METHOD	:	(●) WET VISIBLE	( ) POWDER	( ) OTHER

		PRODUK:	MANUFACTURER:
7HF	:	110741	MAGNAFLUX
CLEANER	:	-	MAGNAFLUX
WCP	:	2001268	MAGNAFLUX

DESCRIPTION: WELD PROCESS FCAW

MT APPLICATION:

- (●) SPRAYING
- ( ) BRUSHING

BLACK LIGHT INTENSITY	:	-	$\mu w/cm^2$
LIGHT INTENSITY	:	1080	Lux

JOINT NO	WELDER STAMP	WELD PROCESS	SIZE (mm) LINEAR	SIZE (mm) ROUNDED	RESULT ACC	RESULT REJ
JT-06	JH-1006	FCAW	-	-	√	-

JOINT NO	WELDER STAMP	WELD PROCESS	SIZE (mm) LINEAR	SIZE (mm) ROUNDED	RESULT ACC	RESULT REJ

PT. TITIAN LANCAR ABADI	PT. HANAZONO ENGINEERING INDONESIA	PT. REKAYASA INDUSTRI	PT. PERUSAHAAN LISTRIK NEGARA (PERSERO) UIP NUSA TENGGARA
INSPECTION & SERTIFICATION PT. TITIAN LANCAR ABADI TLA		LOMBOK CFSPP FTP-2 (2x50MW) QC PT. REKAYASA INDUSTRI	
ASNT MT LEVEL II : KRISNO	Benridho	Gan Gan Dermawan	
DATE : October 9, 2024	Oct 10, 2024	10-10-24	

PT. TITIAN LANCAR ABADI

NDT INSPECTION & CERTIFICATION

SPECIALIST :

NON DESTRUCTIVE (NDT - POST WELD HEAT TREATMENT (PWHT) - PRESSURE TESTING (PST)

INSPECTION AND CERTIFICATION - TECHNICAL - NDT EQUIPMENT SUPPLIER

Head Office : Kp. Gunung Buntu, RT. 005/ RW. 003, Ds. Banyuwangi, Kec. Pulo Ampel, Kab. Serang, Prov. Banten - INDONESIA 42455

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MAGNETIC TEST EXAMINATION REPORT

PROJECT	LOMBOK CFSPP FTP-2 (2x50MW)	**REPORT NO**	166/MT/TLA/X/2024
CLIENT	PT. HANAZONO ENGINEERING INDONESIA	**SHEET NO**	1 OF 1
OWNER	PT. REKAYASA INDUSTRI	**TIME**	08.00 - 17.00 WIB.
PROCEDURE	LPP-239-MEC-VP-010-V	**LOCATION**	WORKSHOP
ACC. CRITERIA	AWS D1.1	**INSPECTION DATE**	October 9, 2024

DETAIL OF JOB

SUBJECT	DIFFUSER
ITEM NO	ELEMENT 16
UNIT NO	1
DWG NO	LPP-239-MEC-VG-122-V
MATERIAL	SS400
TEMP	AMBIENT
OP NO	-

SURFACE PREPARATION :

- (●) AS WELDED
- ( ) AS CAST
- ( ) AS ROLLED
- ( ) AFTER PWHT
- ( ) AS FORGED
- ( ) AFTER HYDROTEST
- ( ) OTHER
- (●) WIRE BRUSHING

STAGE OF EXAMINATION :

- ( ) BEFORE/AFTER PWHT
- ( ) BEFORE/AFTER REPAIR
- ( ) BEFORE/AFTER HYDROTEST
- (●) OTHER

EQUIPMENT

TYPE OF MAGNETIC	:	( ) AC	( ) DC	(●) PERMANENT
MAGNETIC METHOD	:	(●) WET VISIBLE	( ) POWDER	( ) OTHER

		PRODUK:	**MANUFACTURER:**
7HF	:	110741	MAGNAFLUX
CLEANER	:	-	MAGNAFLUX
WCP	:	2001268	MAGNAFLUX

DESCRIPTION: **WELD PROCESS FCAW**

MT APPLICATION:

- (●) SPRAYING
- ( ) BRUSHING

BLACK LIGHT INTENSITY	:	-	$\mu w/cm^2$
LIGHT INTENSITY	:	1080	Lux

JOINT NO	WELDER STAMP	WELD PROCESS	SIZE (mm)		RESULT	
			LINEAR	ROUNDED	ACC	REJ
JT-06	JH-1006	FCAW	-	-	√	-

JOINT NO	WELDER STAMP	WELD PROCESS	SIZE (mm)		RESULT	
			LINEAR	ROUNDED	ACC	REJ

PT. TITIAN LANCAR ABADI	PT. HANAZONO ENGINEERING INDONESIA	PT. REKAYASA INDUSTRI	PT. PERUSAHAAN LISTRIK NEGARA (PERSERO) UIP NUSA TENGGARA
ASNT MT LEVEL II : KRISNO	Benridho	Gan Gan Dermawan	
DATE : October 9, 2024	Oct 10, 2024	10-10-24	

PT. TITIAN LANCAR ABADI

NDT INSPECTION & CERTIFICATION

SPECIALIST :

NON DESTRUCTIVE (NDT - POST WELD HEAT TREATMENT (PWHT) - PRESSURE TESTING (PST)
INSPECTION AND CERTIFICATION - TECHNICAL - NDT EQUIPMENT SUPPLIER

Head Office : Kp. Gunung Buntu, RT. 005/ RW. 003, Ds. Banyuwangi, Kec. Pulo Ampel, Kab. Serang, Prov. Banten - INDONESIA 42455

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PJK3

MAGNETIC TEST EXAMINATION REPORT

PROJECT	LOMBOK CFSPP FTP-2 (2x50MW)	**REPORT NO**	167/MT/TLA/X/2024
CLIENT	PT. HANAZONO ENGINEERING INDONESIA	**SHEET NO**	1 OF 1
OWNER	PT. REKAYASA INDUSTRI	**TIME**	08.00 - 17.00 WIB.
PROCEDURE	LPP-239-MEC-VP-010-V	**LOCATION**	WORKSHOP
ACC. CRITERIA	AWS D1.1	**INSPECTION DATE**	October 9, 2024

DETAIL OF JOB

SUBJECT	DIFFUSER
ITEM NO	ELEMENT 17
UNIT NO	1
DWG NO	LPP-239-MEC-VG-122-V
MATERIAL	SS400
TEMP	AMBIENT
OP NO	-

SURFACE PREPARATION :

- ● AS WELDED
- ○ AS CAST
- ○ AS ROLLED
- ○ AFTER PWHT
- ○ AS FORGED
- ○ AFTER HYDROTEST
- ○ OTHER
- ● WIRE BRUSHING

STAGE OF EXAMINATION :

- ○ BEFORE/AFTER PWHT
- ○ BEFORE/AFTER REPAIR
- ○ BEFORE/AFTER HYDROTEST
- ● OTHER

EQUIPMENT

TYPE OF MAGNETIC	:	○ AC	○ DC	● PERMANENT
MAGNETIC METHOD	:	● WET VISIBLE	○ POWDER	○ OTHER

		PRODUK:	MANUFACTURER:
7HF	:	110741	MAGNAFLUX
CLEANER	:	-	MAGNAFLUX
WCP	:	2001268	MAGNAFLUX

DESCRIPTION: **WELD PROCESS FCAW**

MT APPLICATION:

- ● SPRAYING
- ○ BRUSHING

BLACK LIGHT INTENSITY	:	-	$\mu w/cm^2$
LIGHT INTENSITY	:	1080	Lux

JOINT NO	WELDER STAMP	WELD PROCESS	SIZE (mm) LINEAR	SIZE (mm) ROUNDED	RESULT ACC	RESULT REJ
JT-06	JH-1006	FCAW	-	-	√	-

JOINT NO	WELDER STAMP	WELD PROCESS	SIZE (mm) LINEAR	SIZE (mm) ROUNDED	RESULT ACC	RESULT REJ

PT. TITIAN LANCAR ABADI	PT. HANAZONO ENGINEERING INDONESIA	PT. REKAYASA INDUSTRI	PT. PERUSAHAAN LISTRIK NEGARA (PERSERO) UIP NUSA TENGGARA
INSPECTION & SERTIFICATION PT. TITIAN LANCAR ABADI TLA		LOMBOK CFSPP FTP 2 (2X50MW) QC PT. REKAYASA INDUSTRI	
ASNT MT LEVEL II : KRISNO	Benridho	Gan Gan Dermawan	
DATE : October 9, 2024	04 10 2024	10-10-24	

PT. TITIAN LANCAR ABADI

NDT INSPECTION & CERTIFICATION

SPECIALIST :

NON DESTRUCTIVE (NDT - POST WELD HEAT TREATMENT (PWHT) - PRESSURE TESTING (PST)
INSPECTION AND CERTIFICATION - TECHNICAL - NDT EQUIPMENT SUPPLIER

Head Office : Kp. Gunung Buntu, RT. 005/ RW. 003, Ds. Banyuwangi, Kec. Pulo Ampel, Kab. Serang, Prov. Banten - INDONESIA 42455

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MAGNETIC TEST EXAMINATION REPORT

PROJECT	LOMBOK CFSPP FTP-2 (2x50MW)	**REPORT NO**	168/MT/TLA/X/2024
CLIENT	PT. HANAZONO ENGINEERING INDONESIA	**SHEET NO**	1 OF 1
OWNER	PT. REKAYASA INDUSTRI	**TIME**	08.00 - 17.00 WIB.
PROCEDURE	LPP-239-MEC-VP-010-V	**LOCATION**	WORKSHOP
ACC. CRITERIA	AWS D1.1	**INSPECTION DATE**	October 9, 2024

DETAIL OF JOB

SUBJECT	DIFFUSER
ITEM NO	ELEMENT 17
UNIT NO	2
DWG NO	LPP-239-MEC-VG-122-V
MATERIAL	SS400
TEMP	AMBIENT
COP NO	-

SURFACE PREPARATION :

- ● AS WELDED
- ○ AS CAST
- ○ AS ROLLED
- ○ AFTER PWHT
- ○ AS FORGED
- ○ AFTER HYDROTEST
- ○ OTHER
- ● WIRE BRUSHING

STAGE OF EXAMINATION :

- ○ BEFORE/AFTER PWHT
- ○ BEFORE/AFTER REPAIR
- ○ BEFORE/AFTER HYDROTEST
- ● OTHER

EQUIPMENT

TYPE OF MAGNETIC	:	○ AC	○ DC	● PERMANENT
MAGNETIC METHOD	:	● WET VISIBLE	○ POWDER	○ OTHER

		PRODUK:	MANUFACTURER:
7HF	:	110741	MAGNAFLUX
CLEANER	:	-	MAGNAFLUX
WCP	:	2001268	MAGNAFLUX

DESCRIPTION: **WELD PROCESS FCAW**

MT APPLICATION:

- ● SPRAYING
- ○ BRUSHING

BLACK LIGHT INTENSITY	:	-	$\mu w/cm^2$
LIGHT INTENSITY	:	1080	Lux

JOINT NO	WELDER STAMP	WELD PROCESS	SIZE (mm) LINEAR	SIZE (mm) ROUNDED	RESULT ACC	RESULT REJ
JT-06	JH-1006	FCAW	-	-	√	-

JOINT NO	WELDER STAMP	WELD PROCESS	SIZE (mm) LINEAR	SIZE (mm) ROUNDED	RESULT ACC	RESULT REJ

PT. TITIAN LANCAR ABADI	PT. HANAZONO ENGINEERING INDONESIA	PT. REKAYASA INDUSTRI	PT. PERUSAHAAN LISTRIK NEGARA (PERSERO) UIP NUSA TENGGARA
INSPECTION & SERTIFICATION PT. TITIAN LANCAR ABADI TLA		LOMBOK CFSPP FTP-2 (2X50MW) PT. REKAYASA INDUSTRI QC	
ASNT MT LEVEL II : KRISNO	Benridho	Gan Gan Dermawan	
DATE : October 9, 2024	Oct 10, 2024	10.10.24	

PT. TITIAN LANCAR ABADI

NDT INSPECTION & CERTIFICATION

SPECIALIST :

NON DESTRUCTIVE (NDT - POST WELD HEAT TREATMENT (PWHT) - PRESSURE TESTING (PST)
INSPECTION AND CERTIFICATION - TECHNICAL - NDT EQUIPMENT SUPPLIER

Head Office : Kp. Gunung Buntu, RT. 005/ RW. 003, Ds. Banyuwangi, Kec. Pulo Ampel, Kab. Serang, Prov. Banten - INDONESIA 42455

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ISO 9001:2015

MAGNETIC TEST EXAMINATION REPORT

PROJECT	LOMBOK CFSPP FTP-2 (2x50MW)	**REPORT NO**	169/MT/TLA/X/2024
CLIENT	PT. HANAZONO ENGINEERING INDONESIA	**SHEET NO**	1 OF 1
OWNER	PT. REKAYASA INDUSTRI	**TIME**	08.00 - 17.00 WIB.
PROCEDURE	LPP-239-MEC-VP-010-V	**LOCATION**	WORKSHOP
ACC. CRITERIA	AWS D1.1	**INSPECTION DATE**	October 9, 2024

DETAIL OF JOB

SUBJECT	DIFFUSER
ITEM NO	ELEMENT 21
UNIT NO	1
DWG NO	LPP-239-MEC-VG-122-V
MATERIAL	SS400
TEMP	AMBIENT
SOP NO	-

SURFACE PREPARATION :

- (●) AS WELDED
- ( ) AS ROLLED
- ( ) AS FORGED
- ( ) OTHER
- ( ) AS CAST
- ( ) AFTER PWHT
- ( ) AFTER HYDROTEST
- (●) WIRE BRUSHING

STAGE OF EXAMINATION :

- ( ) BEFORE/AFTER PWHT
- ( ) BEFORE/AFTER HYDROTEST
- ( ) BEFORE/AFTER REPAIR
- (●) OTHER

EQUIPMENT

TYPE OF MAGNETIC :
MAGNETIC METHOD :

- ( ) AC
- (●) WET VISIBLE
- ( ) DC
- ( ) POWDER
- (●) PERMANENT
- ( ) OTHER

		PRODUK:	MANUFACTURER:
7HF	:	110741	MAGNAFLUX
CLEANER	:	-	MAGNAFLUX
WCP	:	2001268	MAGNAFLUX

DESCRIPTION: **WELD PROCESS FCAW**

MT APPLICATION:

- (●) SPRAYING
- ( ) BRUSHING

BLACK LIGHT INTENSITY	:	-	$\mu w/cm^2$
LIGHT INTENSITY	:	1080	Lux

JOINT NO	WELDER STAMP	WELD PROCESS	SIZE (mm) LINEAR	SIZE (mm) ROUNDED	RESULT ACC	RESULT REJ
JT-06	JH-1006	FCAW	-	-	√	-

JOINT NO	WELDER STAMP	WELD PROCESS	SIZE (mm) LINEAR	SIZE (mm) ROUNDED	RESULT ACC	RESULT REJ

PT. TITIAN LANCAR ABADI	PT. HANAZONO ENGINEERING INDONESIA	PT. REKAYASA INDUSTRI	PT. PERUSAHAAN LISTRIK NEGARA (PERSERO) UIP NUSA TENGGARA
INSPECTION & SERTIFICATION TLA PT. TITIAN LANCAR ABADI		LOMBOK CFSPP FTP-2 (2X50MW) QC PT. REKAYASA INDUSTRI	
ASNT MT LEVEL II : KRISNO	Benridho	Gan Gan Dermawan	
DATE : October 9, 2024	04 10, 2024	10 . 10 - 24	

PT. TITIAN LANCAR ABADI

NDT INSPECTION & CERTIFICATION

SPECIALIST :

NON DESTRUCTIVE (NDT - POST WELD HEAT TREATMENT (PWHT) - PRESSURE TESTING (PST)
INSPECTION AND CERTIFICATION - TECHNICAL - NDT EQUIPMENT SUPPLIER

Head Office : Kp. Gunung Buntu, RT. 005/ RW. 003, Ds. Banyuwangi, Kec. Pulo Ampel, Kab. Serang, Prov. Banten - INDONESIA 42455

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MAGNETIC TEST EXAMINATION REPORT

PROJECT	LOMBOK CFSPP FTP-2 (2x50MW)	**REPORT NO**	170/MT/TLA/X/2024
CLIENT	PT. HANAZONO ENGINEERING INDONESIA	**SHEET NO**	1 OF 1
OWNER	PT. REKAYASA INDUSTRI	**TIME**	08.00 - 17.00 WIB.
PROCEDURE	LPP-239-MEC-VP-010-V	**LOCATION**	WORKSHOP
ACC. CRITERIA	AWS D1.1	**INSPECTION DATE**	October 9, 2024

DETAIL OF JOB

SUBJECT	DIFFUSER
ITEM NO	ELEMENT 22
UNIT NO	1
DWG NO	LPP-239-MEC-VG-122-V
MATERIAL	SS400
TEMP	AMBIENT
OP NO	-

SURFACE PREPARATION :

- (●) AS WELDED
- ( ) AS ROLLED
- ( ) AS FORGED
- ( ) OTHER
- ( ) AS CAST
- ( ) AFTER PWHT
- ( ) AFTER HYDROTEST
- (●) WIRE BRUSHING

STAGE OF EXAMINATION :

- ( ) BEFORE/AFTER PWHT
- ( ) BEFORE/AFTER HYDROTEST
- ( ) BEFORE/AFTER REPAIR
- (●) OTHER

EQUIPMENT

TYPE OF MAGNETIC :
- ( ) AC
- ( ) DC
- (●) PERMANENT

MAGNETIC METHOD :
- (●) WET VISIBLE
- ( ) POWDER
- ( ) OTHER

		PRODUK:	MANUFACTURER:
7HF	:	110741	MAGNAFLUX
CLEANER	:	-	MAGNAFLUX
WCP	:	2001268	MAGNAFLUX

DESCRIPTION: WELD PROCESS FCAW

MT APPLICATION:
- (●) SPRAYING
- ( ) BRUSHING

BLACK LIGHT INTENSITY	:	-	$\mu w/cm^2$
LIGHT INTENSITY	:	1080	Lux

JOINT NO	WELDER STAMP	WELD PROCESS	SIZE (mm) LINEAR	SIZE (mm) ROUNDED	RESULT ACC	RESULT REJ
JT-06	JH-1006	FCAW	-	-	√	-

JOINT NO	WELDER STAMP	WELD PROCESS	SIZE (mm) LINEAR	SIZE (mm) ROUNDED	RESULT ACC	RESULT REJ

PT. TITIAN LANCAR ABADI	PT. HANAZONO ENGINEERING INDONESIA	PT. REKAYASA INDUSTRI	PT. PERUSAHAAN LISTRIK NEGARA (PERSERO) UIP NUSA TENGGARA
INSPECTION & SERTIFICATION PT. TITIAN LANCAR ABADI TLA		LOMBOK CFSPPFTP 2 (2X50MW) QC PT REKAYASA INDUSTRI	
ASNT MT LEVEL II : KRISNO	Benridho	Gan Gan Dermawan	
DATE : October 9, 2024	04 10 2024	16 - 10 - 24	