

[illegible]

DOC. NO.:
LPP-239-MEC-VS-236-V

REV

0

DATE _____

17-April-2025

BY

BR

CHKD

RSD

APVD

MRS

REVISION HISTORICAL SHEET

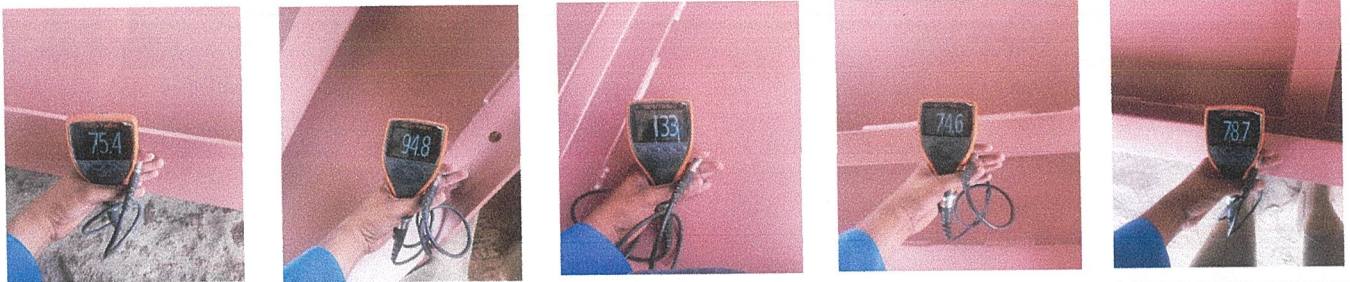
[illegible]

PAINTING INSPECTION REPORT

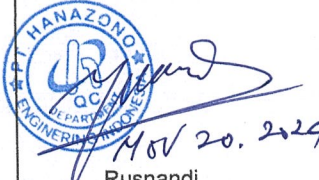
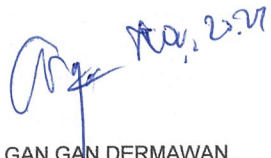
INSPECTION TYPE : DRY FILM THICKNESS (DFT)		REPORT No. : LPP-239-MEC-PI-012-V
PROJECT NAME : LOMBOK CFSPP FTP - 2 (2 X50 MW) PROJECT		PAGE : 1 OF 3
CLIENT : PT. REKAYASA INDUSTRI		DRAWING No. : LPP-239-MEC-VG-094-V & 095V
ITEM NAME : COLD ROOF SEGMENT 1 , 2, 3 & 4 C160/605009-C16003R/C16004R		REV. No : 0
PO NO. : LPP-10-F9-PO-239-R/18-1206		DATE : NOVEMBER 20, 2024
		JOB CODE : 2406

SURFACE PREPARATION			Paint Application Methode		EQUIPMENT TEST	
Surface Cleanlines : ISO 8501 - 1 : 2007 / SA 2.5 / SSPC-SP 10			Conventional Spray		Merk : ELCOMETER	
Material Abrasive : SILICA SAND			Airless Spray		Type : A 456 CFBS	
			Roller		Serial No : XB15360	
PAINTING SPECIFICATION					CHECK CONDITION	
COAT .NO	TYPE PRODUCT	GENERIC NAME	COLOUR	DFT THICKNESS	DRY TEMP : 30°c	
1st	HEMPADUR 85671	EPOXY PHENOLIC	LIGHT RED	75 Micron	WET TEMP : 25°c	
2nd	-	-	-		DEW POINT : 23°c	
3rd	-	-	-	-	RH : 67%	
BRAND HEMPEL				75 Micron	STEEL TEMP : 32°c	

SKETCH :



PRIMER COAT														
No.	Point	ITEM NO.	SIZE	LENGTH	QTY	Spot Inspection Thickness (Micron)					DFT (Micron)		Average	RESULT
						A	B	C	D	E	Min	Max		
1	5	C 160 - SEGMENT 1 - 1	1452 x 5704	5704	1	76	80	77	70	76	70	80	75,80	Acceptable
2	5	C 160 - SEGMENT 1 - 2	1452 x 5704	5704	1	90	82	92	90	84	82	92	87,60	Acceptable
3	5	C 160 - SEGMENT 2 - 1	1683 x 3498	3498	1	87	76	76	90	88	76	90	83,40	Acceptable
4	5	C 160 - SEGMENT 2 - 2	1683 x 3498	3498	1	80	80	83	75	78	75	83	79,20	Acceptable
5	5	C 160 - SEGMENT 2 - 3	1683 x 3498	3498	1	90	72	89	90	86	72	90	85,40	Acceptable
6	5	C 160 - SEGMENT 2 - 4	1683 x 3498	3498	1	73	80	90	83	90	73	90	83,20	Acceptable
7	5	C 160 - SEGMENT 2 - 5	1683 x 3498	3498	1	82	76	75	84	90	75	90	81,40	Acceptable
8	5	C 160 - SEGMENT 2 - 6	1683 x 3498	3498	1	80	80	86	84	85	80	86	83,00	Acceptable
9	5	C 160 - SEGMENT 2 - 7	1683 x 3498	3498	1	72	72	89	86	81	72	89	80,00	Acceptable
10	5	C 160 - SEGMENT 2 - 8	1683 x 3498	3498	1	70	80	81	75	88	70	88	78,80	Acceptable
11	5	C 160 - SEGMENT 3 - 1	1289 x 3500	3500	1	85	76	77	90	75	75	90	80,60	Acceptable
12	5	C 160 - SEGMENT 3 - 2	1289 x 3500	3500	1	87	87	77	88	85	77	88	84,80	Acceptable
13	5	C 160 - SEGMENT 3 - 3	1289 x 3500	3500	1	75	72	89	90	87	72	90	82,60	Acceptable
14	5	C 160 - SEGMENT 3 - 4	1289 x 3500	3500	1	78	80	79	75	80	75	80	78,40	Acceptable
15	5	C 160 - SEGMENT 3 - 5	1289 x 3500	3500	1	79	76	88	84	82	76	88	81,80	Acceptable
16	5	C 160 - SEGMENT 3 - 6	1289 x 3500	3500	1	90	87	87	77	76	76	90	83,40	Acceptable
17	5	C 160 - SEGMENT 3 - 7	1289 x 3500	3500	1	81	80	77	70	86	70	86	78,80	Acceptable
18	5	C 160 - SEGMENT 3 - 8	1289 x 3500	3500	1	82	80	79	78	80	78	82	79,80	Acceptable
19	5	C 160 - SEGMENT 4 - 1	1395 x 5704	5704	1	77	74	81	82	89	79	89	80,60	Acceptable
20	5	C 160 - SEGMENT 4 - 2	1395 x 5704	5704	1	78	87	79	78	78	78	87	80,00	Acceptable

PREPARED BY. PT .GARDA URIP PROTEKSINDO	CHEKED BY. PT . HANAZONO ENGINEERING INDONESIA	WITNESSED/CHEKED BY. PT . REKAYASA INDUSTRI	APPROVED BY. PT. PERUSAHAAN LISTRIK NEGARA (PERSERO)
 Tama Aranega	 Rusnandi	 GAN GAN DERMAWAN	

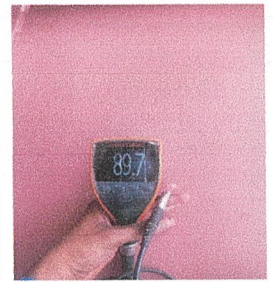
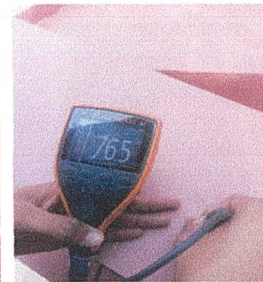
PAINTING INSPECTION REPORT

INSPECTION TYPE : DRY FILM THICKNESS (DFT)		REPORT No.	: LPP-239-MEC-PI-012-V
PROJECT NAME : LOMBOK CFSPF FTP - 2 (2 X50 MW) PROJECT		PAGE	: 2 OF 3
CLIENT : PT. REKAYASA INDUSTRI		DRAWING No.	: LPP-239-MEC-VG-096-V ~ 097-V
ITEM NAME : COLD ROOF SEGMENT 5 ~ 6 C160/605009-C160005R/C160006R		REV. No	: 0
PO NO. : LPP-10-F9-PO-239-R/18-1206		DATE	: NOVEMBER 20, 2024
		JOB CODE	: 2406

SURFACE PREPARATION	Paint Application Methode	EQUIPMENT TEST
Surface Cleanlines : ISO 8501 - 1 : 2007 / SA 2.5 / SSPC-SP 10	Conventional Spray	Merk : ELCOMETER
Material Abrasive : SILICA SAND	Airless Spray	Type : A 456 CFBS
	Roller	Serial No : XB15360

PAINTING SPECIFICATION					CHECK CONDITION
COAT .NO	TYPE PRODUCT	GENERIC NAME	COLOUR	DFT THICKNESS	DRY TEMP : 32°C
1st	HEMPADUR 85671	EPOXY PHENOLIC	LIGHT RED	75 Micron	WET TEMP : 27°C
2nd	-	-	-	-	DEW POINT : 25°C
3rd	-	-	-	-	RH : 68%
BRAND HEMPEL				75 Micron	STEEL TEMP : 36°C

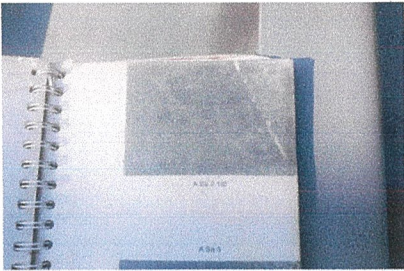
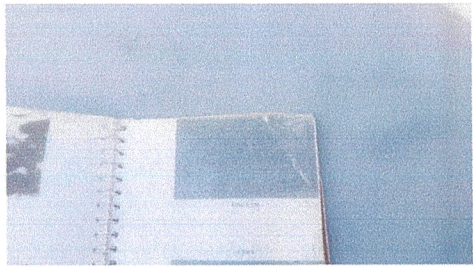
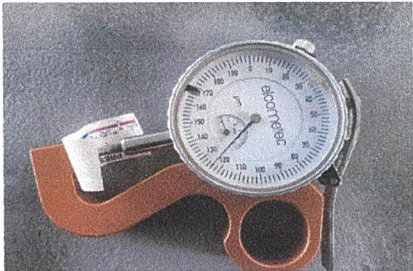
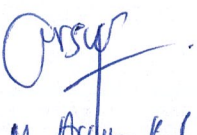
SKETCH :



PRIMER COAT

No.	Point	Equipment / Area	SIZE	LENGTH	QTY	Spot Inspection Thickness (Micron)					DFT (Micron)		Average	RESULT
						A	B	C	D	E	Min	Max		
1	5	C 160 - SEGMENT 5 - 1	1700 x 5796	5796	1	77	80	88	77	87	77	88	81,80	Acceptable
2	5	C 160 - SEGMENT 5 - 2	1700 x 5796	5796	1	74	72	77	90	86	72	90	79,80	Acceptable
3	5	C 160 - SEGMENT 5 - 3	1700 x 5796	5796	1	72	80	83	81	85	72	85	80,20	Acceptable
4	5	C 160 - SEGMENT 5 - 4	1700 x 5796	5796	1	82	76	75	84	77	75	84	78,80	Acceptable
5	5	C 160 - SEGMENT 6 - 1	1694 x 5704	5704	1	89	80	88	88	77	77	89	84,40	Acceptable
6	5	C 160 - SEGMENT 6 - 2	1694 x 5704	5704	1	96	77	90	84	87	77	96	86,80	Acceptable
=== BLANK ===														

PREPARED BY. PT. GARDA URIP PROTEKSINDO	CHEKED BY. PT. HANAZONO ENGINEERING INDONESIA	WITNESSED/CHEKED BY. PT. REKAYASA INDUSTRI	APPROVED BY. PT. PERUSAHAAN LISTRIK NEGARA (PERSERO)
 Tama Aranega	 Hanazono Engineering Indonesia	 M. Arjo	

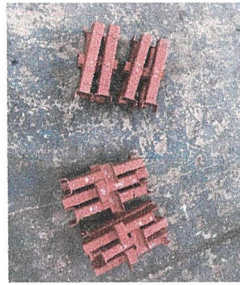
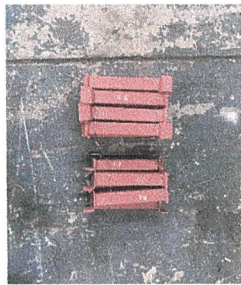
 PT. HANAZONO Engineering Indonesia We are always partner with you		PAINTING INSPECTION REPORT		 PT. PERUSAHAAN LISTRIK NEGARA (PERSERO) UNIT INDUK PEMBANGUNAN NUSA TENGGARA   GRUPO PBG	
INSPECTION TYPE : SAND BLASTING ATTACHMEN PHOTOGRAPH			REPORT No. : LPP-239-MEC-PI-012-V		
			PAGE : 3 OF 3		
PROJECT NAME : LOMBOK CFSPP FTP - 2 (2 X50 MW) PROJECT			DRAWING No. : LPP-239-MEC-VG-094-V ~ LPP-239-MEC-VG-097-V		
CLIENT : PT. REKAYASA INDUSTRI			REV. No : 0		
ITEM NAME : COLD ROOF SEGMENT 1, 2, 3 & 4,5,6 C160/605009-C160003R/C160004R/C160005R/C160006R			DATE : NOVEMBER 20, 2024		
PO NO. : LPP-10-F9-PO-239-R/18-1206			JOB CODE : 2406		
SKETCH BLASTING					
					
SKETCH BLASTING					
					
SKETCH SA 2.5					
					
Roughness check				Result	
					
READING		120 µm - 50 µm = 70 µm			
PREPARED BY , PT . GARDA URIP PROTEKSINDO		CHEKED BY , PT . HANZONO ENGINEERING INDONESIA		WITNESSED/CHEKED BY , PT. REKAYASA INDUSTRI	
APPROVED BY. PT. PERUSAHAAN LISTRIK NEGARA (PERSERO)					
 Tama Aranega		 Rusnandi		 M. Arif P S GAN GAN DERMAWAN	

PAINTING INSPECTION REPORT

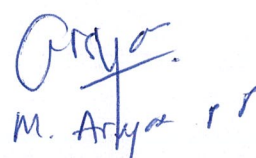
INSPECTION TYPE : DRY FILM THICKNESS (DFT)		REPORT No. : LPP-239-MEC-PI-013-V
PROJECT NAME : LOMBOK CFSPP FTP - 2 (2 X50 MW) PROJECT		PAGE : 1 OF 3
CLIENT : PT. REKAYASA INDUSTRI		DRAWING No. : LPP-239-MEC-VG-098-V
ITEM NAME : COLD ROOF POST 1 ~ 11 C160/605009-C160007R		REV. No : 0
PO NO. : LPP-10-F9-PO-239-R/18-1206		DATE : NOVEMBER 20, 2024
		JOB CODE : 2406

SURFACE PREPARATION			Paint Application Methode		EQUIPMENT TEST	
Surface Cleanlines : ISO 8501 - 1 : 2007 / SA 2.5 / SSPC-SP 10			Conventional Spray		Merk	: ELCOMETER
Material Abrasive : SILICA SAND			Airless Spray		Type	: A 456 CFBS
			Roller		Serial No	: XB15360
PAINTING SPECIFICATION					CHECK CONDITION	
COAT .NO	TYPE PRODUCT	GENERIC NAME	COLOUR	DFT THICKNESS	DRY TEMP : 32°c WET TEMP : 27°c DEW POINT : 25°c RH : 68% STEEL TEMP : 36°c	
1st	HEMPADUR 85671	EPOXY PHENOLIC	LIGHT RED	75 Micron		
2nd	-	-	-			
3rd	-	-	-	-		
BRAND HEMPEL				75 Micron		

SKETCH :



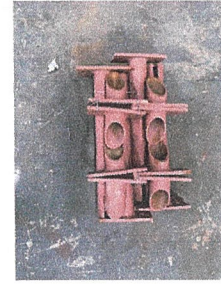
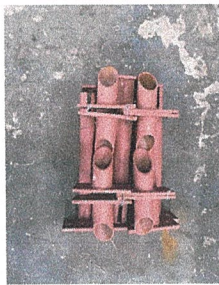
PRIMER COAT															
No.	Point	Equipment / Area	SIZE	LENGTH	QTY	Spot Inspection Thickness (Micron)					DFT (Micron)		Average	RESULT	
						A	B	C	D	E	Min	Max			
1	5	C 160 - POST S1	50 x 401	401	12	92	80	88	87	78	78	92	85,00	Acceptable	
2	5	C 160 - POST S2	50 x 401	401	8	74	72	77	90	82	72	90	79,00	Acceptable	
3	5	C 160 - POST S3	50 x 401	401	16	69	80	83	78	88	69	88	79,60	Acceptable	
4	5	C 160 - POST S4	50 x 346	346	12	87	80	83	82	82	80	87	82,80	Acceptable	
5	5	C 160 - POST S5	50 x 346	346	16	78	67	68	94	90	67	94	79,40	Acceptable	
6	5	C 160 - POST S6	50 x 346	346	8	69	80	83	82	80	69	83	78,80	Acceptable	
7	6	C 160 - POST S7	50 x 254	254	8	74	72	73	90	79	72	90	77,60	Acceptable	
8	7	C 160 - POST S8	50 x 254	254	12	91	80	83	77	70	70	91	80,20	Acceptable	
9	8	C 160 - POST S9	50 x 462	462	4	71	73	67	89	87	67	89	77,40	Acceptable	
10	9	C 160 - POST S10	50 x 462	462	16	87	72	68	90	75	68	90	78,40	Acceptable	
11	10	C 160 - POST S11	50 x 462	462	16	76	80	80	68	82	68	82	77,20	Acceptable	
				=== BLANK ===											

PREPARED BY. PT .GARDA URIP PROTEKSINDO	CHEKED BY. PT . HANAZONO ENGINEERING INDONESIA	WITNESSED/CHEKED BY. PT . REKAYASA INDUSTRI	APPROVED BY. PT. PERUSAHAAN LISTRIK NEGARA (PERSERO)
 Tama Aranega	 Hanazono Engineering Indonesia	 M. Arsyad	

INSPECTION TYPE : DRY FILM THICKNEESS (DFT)	REPORT No. : LPP-239-MEC-PI-013-V
	PAGE : 2 OF 3
PROJECT NAME : LOMBOK CFSPF FTP - 2 (2 X50 MW) PROJECT	DRAWING No. : LPP-239-MEC-VG-099-V
CLIENT : PT. REKAYASA INDUSTRI	REV. No : 0
ITEM NAME : COLD ROOF POST S12 ~ S14, BRACE 1~4 C160/605009-C160008R	DATE : NOVEMBER 20, 2024
PO NO. : LPP-10-F9-PO-239-R/18-1206	JOB CODE : 2406

SURFACE PREPARATION			Paint Application Methode		EQUIPMENT TEST	
Surface Cleanlines : ISO 8501 - 1 : 2007 / SA 2.5 / SSPC-SP 10			Conventional Spray		Merk : ELCOMETER	
Material Abrasive : SILICA SAND			Airless Spray		Type : A 456 CFBS	
			Roller		Serial No : XB15360	
PAINTING SPECIFICATION					CHECK CONDITION	
COAT .NO	TYPE PRODUCT	GENERIC NAME	COLOUR	DFT THICKNESS		
1st	HEMPADUR 85671	EPOXY PHENOLIC	LIGHT RED	75 Micron	DRY TEMP : 32°c	
2nd	-	-	-		WET TEMP : 27°c	
3rd	-	-	-	-	DEW POINT : 25°c	
BRAND HEMPEL				75 Micron	RH : 68%	
					STEEL TEMP : 36°c	

SKETCH :

[illegible]

PREPARED BY. PT .GARDA URIP PROTEKSINDO	CHEKED BY. PT . HANAZONO ENGINEERING INDONESIA	WITNESSED/CHEKED BY. PT . REKAYASA INDUSTRI	APPROVED BY. PT. PERUSAHAAN LISTRIK NEGARA (PERSERO)
 Tama Araneqa		 M. Arsyad PR	

PAINTING INSPECTION REPORT



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



RAFAKO
GRUPA PBG

INSPECTION TYPE : SAND BLASTING ATTACHMEN PHOTOGRAPH		REPORT No. : LPP-239-MEC-PI-013-V
		PAGE : 3 OF 3
PROJECT NAME : LOMBOK CFSPF FTP - 2 (2 X50 MW) PROJECT	DRAWING No. : LPP-239-MEC-VG-098-V ~ LPP-239-MEC-VG-099-V	
CLIENT : PT. REKAYASA INDUSTRI	REV. No : 0	
ITEM NAME : COLD ROOF POST 1 ~ 11, S 12 ~ 14, BRACE 1 ~ 4 C160/605009-C160007R/C160008R	DATE : NOVEMBER 20, 2024	
PO NO. : LPP-10-F9-PO-239-R/18-1206	JOB CODE : 2406	

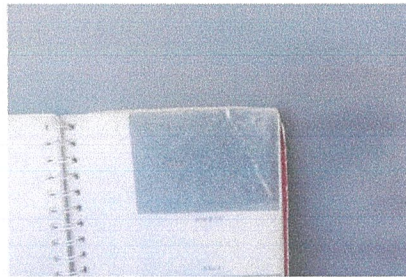
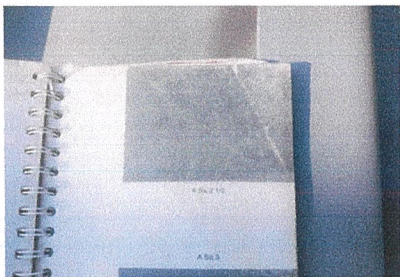
SKETCH BLASTING



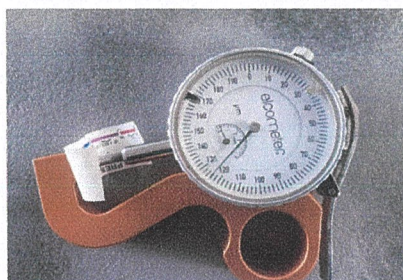
SKETCH BLASTING



SKETCH SA 2.5

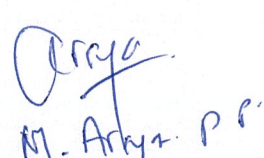


Roughness check



Result

READING : 120 µm - 50 µm = 70 µm

PREPARED BY, PT. GARDA URIP PROTEKSINDO	CHEKED BY, PT. HANAZONO ENGINEERING INDONESIA	WITNESSED/CHEKED BY, PT. REKAYASA INDUSTRI	APPROVED BY, PT. PERUSAHAAN LISTRIK NEGARA (PERSERO)
 Tama Aranega	 Rusnandi	 GAN GAN DERMAWAN	