

LOMBOK CFSPP FTP-2 (2X50 MW) PROJECT CONTRACTOR DOCUMENT REVIEW		Review	Discipline	Sign	
			Civil		
			Mechanical		
			Electrical		
			I & C		
Log In	Date :		Support		
	Comm. No :				
A	☐ Approved	Distribution	Contractor Record		
B	☐ Approved as Note		Working Document		
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 :				
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 :		PAINTING REPORT FOR AREA C150			
Purpose :		ISSUE FOR APPROVAL			
Rev	Description	Prepared	Checked	Approved	Date
0	For Approval	Benridho	Rusnandi	Musato	17-April-2025
 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		Doc. No :	
 Rekind Integrated EPC and Industrial Solutions RAFAKO GRUPA PBG				LPP-239-MEC-VS-216-V	

DOC. NO.:
LPP-239-MEC-VS-216-V

REV

0

DATE _____

17-April-2025

BY

BR

CHKD

RSD

APVD

MRS

REVISION HISTORICAL SHEET

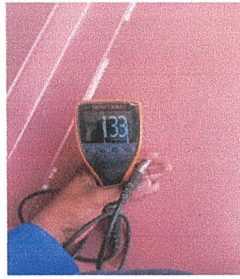
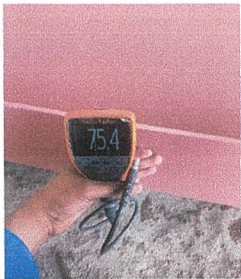
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PAINTING INSPECTION REPORT

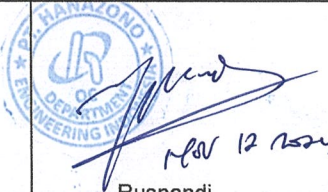
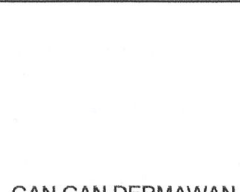
INSPECTION TYPE : DRY FILM THICKNESS (DFT)		REPORT No. : LPP-239-MEC-PI-011-V
PROJECT NAME : LOMBOK CFSPP FTP - 2 (2 X50 MW) PROJECT		PAGE : 1 OF 3
CLIENT : PT. REKAYASA INDUSTRI		DRAWING No. : LPP-239-MEC-VG-083-V
ITEM NAME : HOT ROOF SEGMENT 1~5 C150/605009-C150002R		REV. No : 0
PO NO. : LPP-10-F9-PO-239-R/18-1206		DATE : NOVEMBER 12, 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 WET TEMP : 25°c DEW POINT : 23°c RH : 67% STEEL TEMP : 32°c	
1st	HEMPADUR 85671	EPOXY PHENOLIC	LIGHT RED	75 Micron		
2nd	-	-	-	-		
3rd	-	-	-	-		
BRAND HEMPEL				75 Micron		

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 150 - SEGMENT 1 - 1	1260 x 4935	4935	1	75	83	90	80	74	74	90	80,40	Acceptable
2	5	C 150 - SEGMENT 1 - 2	1260 x 4935	4935	1	87	80	81	81	86	80	87	83,00	Acceptable
3	5	C 150 - SEGMENT 2 - 1	1260 x 4870	4870	1	80	80	84	77	90	77	90	82,20	Acceptable
4	5	C 150 - SEGMENT 2 - 2	1260 x 4870	4870	1	82	72	89	90	85	72	90	83,60	Acceptable
5	5	C 150 - SEGMENT 2 - 3	1260 x 4870	4870	1	81	80	86	78	78	78	86	80,60	Acceptable
6	5	C 150 - SEGMENT 2 - 4	1260 x 4870	4870	1	73	80	86	82	78	73	86	79,80	Acceptable
7	5	C 150 - SEGMENT 3 - 1	1260 x 4935	4935	1	82	76	88	84	83	76	88	82,60	Acceptable
8	5	C 150 - SEGMENT 3 - 2	1260 x 4935	2431	1	86	87	83	83	86	83	87	85,00	Acceptable
9	5	C 150 - SEGMENT 4 - 1	1530 x 4935	4935	1	84	80	77	70	75	70	84	77,20	Acceptable
10	5	C 150 - SEGMENT 4 - 2	1530 x 4935	4935	1	89	90	92	90	83	83	92	88,80	Acceptable
11	5	C 150 - SEGMENT 4 - 3	1530 x 4935	4935	1	81	90	76	88	76	76	90	82,20	Acceptable
12	5	C 150 - SEGMENT 4 - 4	1530 x 4935	4935	1	85	80	76	82	76	76	85	79,80	Acceptable
13	5	C 150 - SEGMENT 5 - 1	1530 x 4935	4935	1	77	72	89	90	85	72	90	82,60	Acceptable
14	5	C 150 - SEGMENT 5 - 2	1530 x 4935	4935	1	88	80	76	80	79	76	88	80,60	Acceptable
15	5	C 150 - SEGMENT 5 - 3	1530 x 4935	4935	1	87	80	84	80	75	75	87	81,20	Acceptable
16	5	C 150 - SEGMENT 5 - 4	1530 x 4935	4935	1	91	82	85	78	79	78	91	83,00	Acceptable
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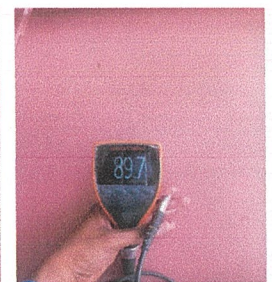
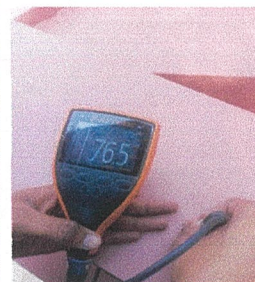
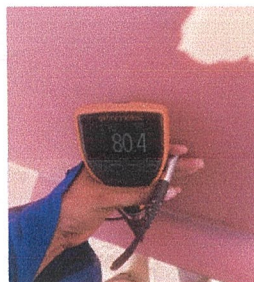
PREPARED BY. PT .GARDA URIP PROTEKSINDO	CHEKED BY. PT . HANAZONO ENGINEERING INDONESIA	WITNESSED/CHEKED BY. PT . REKAYASA INDUSTRI	APPROVED BY. PT. PERUSAHAAN LISTRIK NEGARA (PERSERO)
 Tama Aranega	 Rusnandi	 GAN GAN DERMAWAN	

PAINTING INSPECTION REPORT

INSPECTION TYPE : DRY FILM THICKNESS (DFT)		REPORT No. : LPP-239-MEC-PI-011-V
PROJECT NAME : LOMBOK CFSPP FTP - 2 (2 X50 MW) PROJECT		PAGE : 2 OF 3
CLIENT : PT. REKAYASA INDUSTRI		DRAWING No. : LPP-239-MEC-VG-084-V ~ 085-V
ITEM NAME : HOT ROOF SEGMENT 6 ~ 9 C150/605009-C150003R/C150004R		REV. No : 0
PO NO. : LPP-10-F9-PO-239-R/18-1206		DATE : NOVEMBER 12, 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 150 - SEGMENT 6 - 1	1260 x 4870	4870	1	80	85	76	88	81	76	88	82,00	Acceptable
2	5	C 150 - SEGMENT 6 - 2	1260 x 4870	4870	1	77	77	78	90	76	76	90	79,60	Acceptable
3	5	C 150 - SEGMENT 6 - 3	1260 x 4870	4870	1	82	74	75	78	80	74	82	77,80	Acceptable
4	5	C 150 - SEGMENT 6 - 4	1260 x 4870	4870	1	76	89	83	78	89	76	89	83,00	Acceptable
5	5	C 150 - SEGMENT 7 - 1	1260 x 4870	4870	1	78	80	78	79	84	78	84	79,80	Acceptable
6	5	C 150 - SEGMENT 7 - 2	1260 x 4870	4870	1	72	82	76	75	84	72	84	77,80	Acceptable
7	5	C 150 - SEGMENT 7 - 3	1260 x 4870	4870	1	76	74	87	78	80	74	87	79,00	Acceptable
8	5	C 150 - SEGMENT 7 - 4	1260 x 4870	4870	1	77	82	84	90	83	77	90	83,20	Acceptable
9	5	C 150 - SEGMENT 8 - 1	1360 x 4935	4935	1	79	82	78	79	84	78	84	80,40	Acceptable
10	5	C 150 - SEGMENT 8 - 2	1360 x 4935	4935	1	80	83	79	75	84	75	84	80,20	Acceptable
11	5	C 150 - SEGMENT 9 - 1	1360 x 4935	4935	1	80	79	79	78	77	77	80	78,60	Acceptable
12	5	C 150 - SEGMENT 9 - 2	1360 x 4935	4935	1	78	88	77	79	84	77	87	81,20	Acceptable
13	5	C 150 - SEGMENT 10 - 1	1360 x 4870	4870	1	72	80	78	85	84	72	85	79,80	Acceptable
14	5	C 150 - SEGMENT 10 - 2	1360 x 4870	4870	1	74	81	77	76	84	74	84	78,40	Acceptable
15	5	C 150 - SEGMENT 11 - 1	1360 x 4870	4870	1	78	80	84	77	82	77	84	80,20	Acceptable
16	5	C 150 - SEGMENT 11 - 2	1360 x 4870	4870	1	72	75	88	79	91	72	91	81,00	Acceptable
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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		

PAINTING INSPECTION REPORT



INSPECTION TYPE : SAND BLASTING ATTACHMEN PHOTOGRAPH		REPORT No. : LPP-239-MEC-PI-011-V
		PAGE : 3 OF 3
PROJECT NAME : LOMBOK CFSPF FTP - 2 (2 X50 MW) PROJECT		DRAWING No. : LPP-239-MEC-VG-083-V ~ LPP-239-MEC-VG-085-V
CLIENT : PT. REKAYASA INDUSTRI		REV. No : 0
ITEM NAME : HOT ROOF SEGMENT 1~5 C150/605009-C150002R/C150003R/C1500004R		DATE : NOVEMBER 12, 2024
PO NO. : LPP-10-F9-PO-239-R/18-1206		JOB CODE : 2406

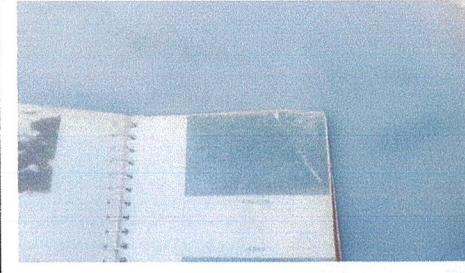
SKETCH BLASTING



SKETCH BLASTING

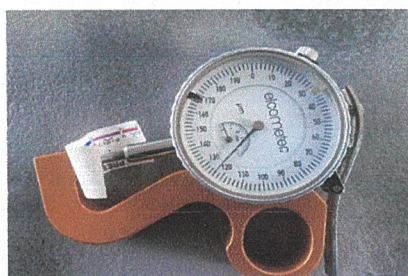


SKETCH SA 2.5



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	