

**BHAKAI HEAVY ELECTRICALS LIMITED BHUPAL**  
**TRANSFORMER ENGINEERING DEPARTMENT**

ANNEXURE - A

PAGE 1 OF 2

ANNEXURE TO INDENT CUM INQUIRY NO. - 240634241

DATE -22-10-2013

DESCRIPTION OF ITEM - SHIELD ITEM FOR GENERAL VIEW.

W.O. NO. - 62018-P-512-01 PRODUCTS - 275 MVAR, 765 Kv.

CUSTOMER NAME - M/S BIDCO.

**SHIELD ASSY.DRG.NO.-GPT612005.1800**

ITEM SL. NO.	QTY./TR FR.	DESCRIPTION	POS-TION	DRG NO/PART NO.	BHEL DRG. NO.	TOTAL MASS IN KG.
1	-	INSULATION	001	GPT612005.1701 AS	34521900111	1.15
2	-	INSULATION	002	GPT612005.1704 AS	34521900113	0.88
3	1	ANGLE RING	005	GPT612005.1707	34521900115	3.27
4	1	CYLINDER	008	GPT612005.1708	34521900116	1.34
9	1	DENNISION PAPER 0.08	012			0.14

**INSULATION ASSY.DRG.NO.-GPT612005.1701**

5	8	INSULATION	001	GPT612003.1702	44521900045	0.504
6	1	ANGLE RING	002	GPT612003.1703	34521900112	.642

**INSULATION ASSY.DRG.NO.-GPT612005.1704**

7	8	INSULATOR SPACER	001	GPT612005.1705	44521900046	.058
8	1	ANGLE RING	003	GPT612005.1706	34521900114	.424

**NOTES -**



**1.1 THE PRESENT INSTRUCTION SPECIFY TECHNICAL REQUIREMENT TO SHIELD (GPT612005.1700) OF TRANSFORMER ONDC-275000/800/21\**

**2.1 REFERENCE DIMENSIONS.**

**2.2 JOINTS IN INSULATION POS.1,2, ANGLE RING POS.5, CYLINDER POS.8 TURN ALONG SECTION A-A**

**2.3 JOINTS OF INSULATIONS POS.1,2, ANGLE RING POS.5, CYLINDER POS.8 GLUE UNDER TECHNOLOGY IN THE PROCESS OF SHIELD ASSEMBLY.**

**2.4 IN ANGLE RING POS. 5 ADDITIONALLY MAKE TWO HOLES (SEE VIEW F) AND TIE IT TO INSULATION POS.2 (SEESECTION E-E).**

REV	DATE	ALT-	REV. 00	NAME	SIGN.	DATE
		CKD-	PREPARED	SKC		22-10-13
			CHECKED	GK		26/10/13



DHAKAT HEAVY ELECTRICALS LIMITED BHUPAL  
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PAGE 2 OF 2

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DESCRIPTION OF ITEM - SHIELD ITEM FOR GENERAL VIEW.



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**SHIELD ASSY.DRG.NO.-GPT612005.1800**

2.5 EXTERNAL SURFACE OF ANGLE RING POS. 5 BIND TIGHTLY WITH THREE LAYERS OF TAPE POS. 12 WITH SIZING BETWEEN LAYERS (SEE VIEW K) IN FOUR PLACES OVER EXTERNAL SURFACE OF ANGLE RING POS. 5 GLUE UNDER TECHNOLOGY.

2.7 HLOE  IS TEMPORARY.

REV	DATE	ALT-	REV. 00	NAME	SIGN.	DATE
		CKD-	PREPARED	SKC		22-10-13
			CHECKED	GK		26/10/13