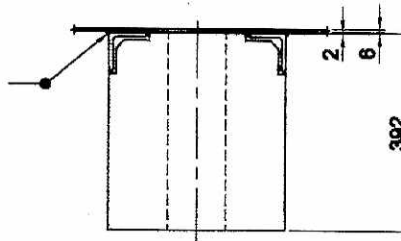
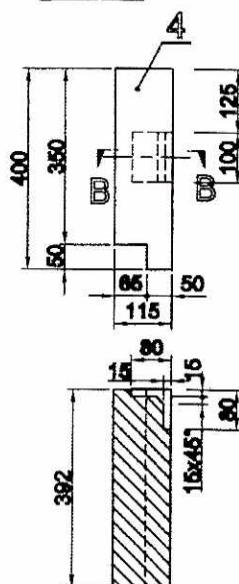
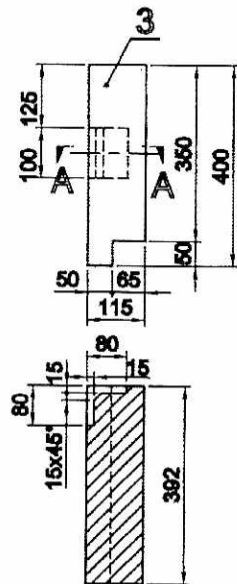
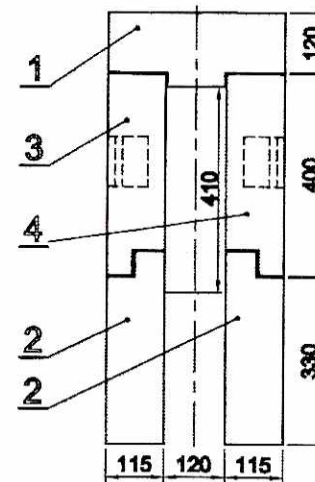
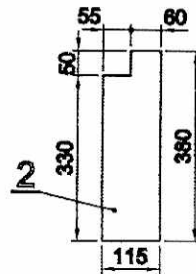
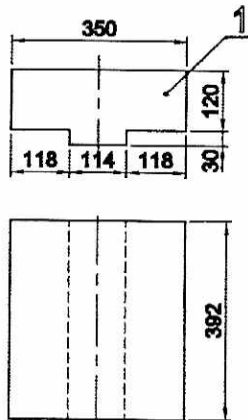


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ALL DIMENSIONS ARE IN MILLIMETRES



4	LC 60 with 1.5-2% SS310 Fibre	1	33
3		1	33
2		2	32
1		1	36
ITEM No	MATERIAL	QTY	WT(kg)

NOTES:

- 1) THE REFRACTORIES SHALL BE COMPACT, OF HOMOGENEOUS TEXTURE AND FREE FROM CRACKS, Voids AND OTHER FLAWS. THEY SHALL BE BURNED EVENLY THROUGHOUT AND SHALL HAVE SUFFICIENT MECHANICAL STRENGTH AND NO SOFT CORNERS.
- 2) ALL CORNERS TO BE MIN. 3mm RADIUS.
- 3) TOLERANCE ON SIZE ± 0.5
- 4) BRICKS TO BE INSPECTED IN ASSEMBLED CONDITION WITH OUT MOTOR

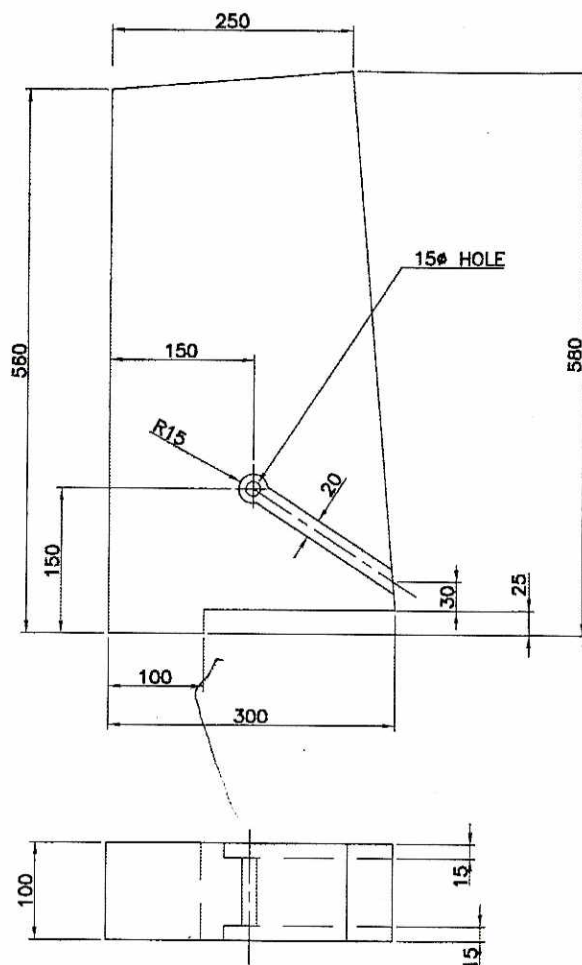
SECTION-AA

SECTION-BB

ITEM NO	DESCRIPTION	DRAWING NO	MATL CODE	UNIT WT
			MATL SPEC	QTY
EQPT: WALKING BEAM FURNACE				
Bharat Heavy Electricals Ltd SEAMLESS STEEL TUBE PLANT TIRUCHIRAPALLI - 620014		DRN	NAME SANKARAN	SIGNATURE S. Sankaran
		CHD		DATE 28.12.04
		APPD	S. Sankaran	28/12/04
DEPT MPG	GRADE OF UNTOOL DM G/W/F	SCALE 1:10	WEIGHT(kg) 166	REF TO ASSY DWG NO FA-0428-1B
CODE				REF TO OLD DWG NO
TITLE CHARGER BLOCK ASSY			CARD CODE U 01	DRAWING NO : 3-7-1150-01-04714
				REV 00

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ALL DIMENSIONS ARE IN MILLIMETRES



NOTES:

1. THE REFRFRATORIES SHALL BE COMPACT, OF HOMOGENEOUS TEXTURE AND FREE FROM CRACKS, VOIDS AND OTHER FLAWS, THEY SHALL BE BURNT EVENLY THROUGHOUT, AND SHALL HAVE SUFFICIENT MECHANICAL STRENGTH AND NO SOFT CORNERS.
2. ALL CORNERS TO BE MINIMUM 3 mm.RADII, UNLESS OTHERWISE STATED.
3. TOLERANCE ON SIZE $\begin{matrix} +0 \\ -1 \end{matrix}$
4. PCPF with LC 90 Castable and 1.5-2% of SS310 fibre added

REV	DATE	ALTERED :	REV	DATE	ALTERED :
02		CHECKED :	01		CHECKED :
ZONE		APPROVED	ZONE		APPROVED

DEPT	GRADE OF UNTO, DIM	SCALE	WEIGHT(kg)	REF TO ASSY DWG NO	ITEM NO
CODE	C/M/F	1:5	38	REF TO OLD DWG NO	
TITLE			CARD CODE	DRAWING NO :	REV
SIDE BLOCK			U 01	3-7-1101-01-04699	
CHARGING & DISCHARGING DOORS					

ITEM NO	DESCRIPTION	DRAWING NO	MATL CODE	UNIT WT
			MATL SPEC	QTY

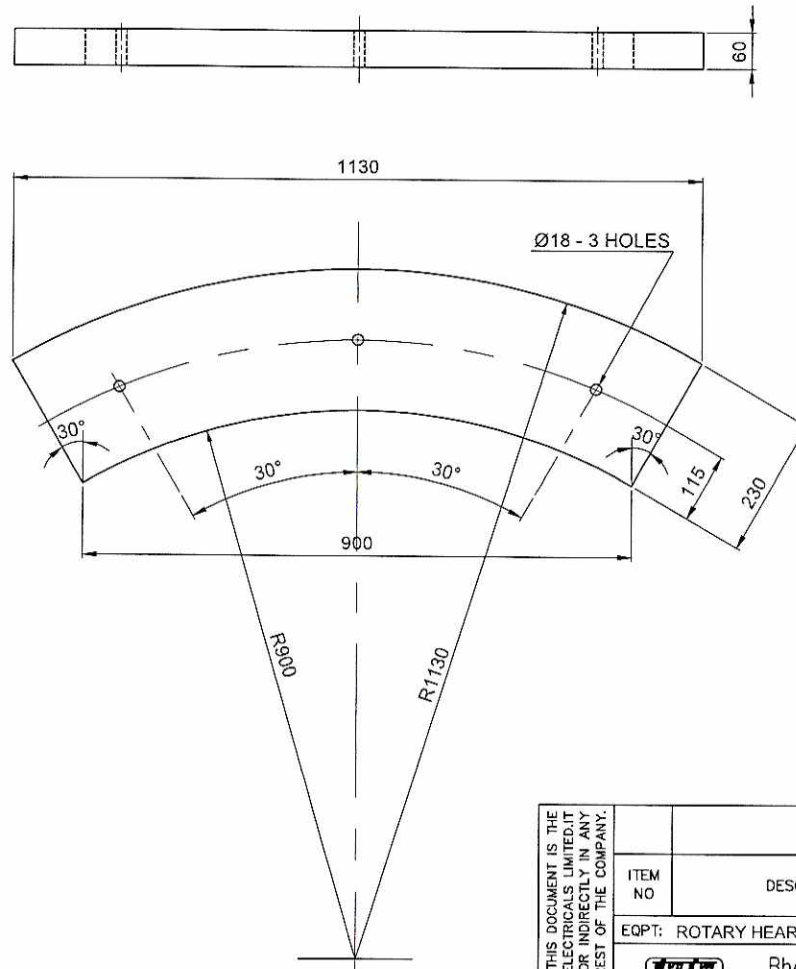
EQPT: ROTARY HEARTH FURNACE

DRN	NAME	SIGNATURE	DATE
CHD	SSN.KUMAR	S.S.N. Kumar	15.12.04
APPD	S.SHANMUGASUNDARAM	S. Shanmugasundaram	15.12.04

Bharat Heavy Electricals Ltd	DRN	NAME	SIGNATURE	DATE
SEAMLESS STEEL TUBE PLANT	CHD	SSN.KUMAR	S.S.N. Kumar	15.12.04
TIRUCHIRAPALLI - 620014	APPD	S.SHANMUGASUNDARAM	S. Shanmugasundaram	15.12.04

ALL DIMENSIONS ARE IN MILLIMETRES

DRAWING NO: 3-7-1101-01-10342



NOTES:

- 1) THE REFRACTORIES SHALL BE COMPACT OF HOMOGENEOUS TEXTURE AND FREE FROM CRACKS, VOIDS AND OTHER FLAWS THEY SHALL BURNT EVENLY THROUGHOUT AND SHALL HAVE SUFFICIENT MECHANICAL STRENGTH AND NO SOFT CORNERS.
- 2) ALL CORNERS TO BE MIN . 3mm RADII
- 3) TOLERANCE ON SIZE .[±]0
- 4) PCPF with LC 90 Castable and 1.5-2% SS310 fibre added

CAUTION: THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED. IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY.

REV	DATE	ALTERED
01		CHECKED
		APPROVED

ITEM NO	DESCRIPTION	DRAWING NO	MATL CODE		UNIT WT	
			MATL SPEC		QTY	
EQPT: ROTARY HEARTH FURNACE						
 Bharat Heavy Electricals Ltd SEAMLESS STEEL TUBE PLANT TIRUCHIRAPALLI – 620014		NAME		SIGNATURE	DATE	
		DRN	SSN.KUMAR / K.Y	SSN.Kumar/K.y	19.10.16	
		CHD	M.CHANDRAKUMAR	M. Chandrakumar	19.10.16	
		APPD	M.CHANDRAKUMAR	M. Chandrakumar	19.10.16	
DEPT	GRADE OF UNTOL. DIM		SCALE	WEIGHT (Kg)	REF TO ASSY DWG NO	ITEM
SSTP	Ø/M/F IS:2102		1:8	37.5	REF TO OLD DWG NO	—
CODE					—	—
456						
TITLE			CARD CODE	DRAWING NO :		REV
RHF - ARCH BRICK			U 01	3-7-1101-01-10342		00

A3-SIZE