



BHARAT HEAVY ELECTRICALS LIMITED

(A Government of India Undertaking)
HIGH PRESSURE BOILER PLANT
PURCHASE DEPARTMENT - FOSSIL BOILERS
THIRUCHIRAPALLI - 620014
TAMILNADU (INDIA)

PHONE :2577331
GRAMS : BHARATELEC
FAX NO: 2520719
E-mail: srchandran@bheltry.co.in
Web:

429-002/A

	Enquiry No 2661500230 - 46	Enquiry Date 30.06.2015	Due Date for Quotation 27.07.2015
<p>Please quote Enquiry No, Date and due date in all correspondences. This is only a request for quotation and not an order. Bid should be submitted in two parts. 1.Techno-commercial bid (Part-I) and 2.Price bid(Part-II) in a separate sealed cover and both covers must be placed in a third cover and sealed. Our Enquiry No., Enq. date & Enq. Due date must be written on all three covers.</p>			

Item	Description	Unit	Quantity	Delivery Quantity	Schedule Date
10	4218A2100100 BRICK ASSEMBLY 2M-18A-21-3813 VENDOR QUALIFYING CRITERIA: Only those vendors who satisfy the following conditions will get qualified to participate in the tender: (1) Only those vendors, who have Supplied refractory items for atleast to one company in the past five years for which supporting documents like PO copies are to be submitted along with offer. (2) BHEL reserves the right to verify the information provided by vendor. In case the information provided by vendor is found to be false / incorrect, the offer shall be rejected. TECHNICAL SPECIFICATION: BRICK ASSEMBLY AS PER DRG NO. 2M-18A-21-3813 (SUB ASSY DRGS AS BELOW 1.BOTTOM BRICK-1 4M-18A-21-25126 2.BOTTOM BRICK-2 4M-18A-21-25127 3.BOTTOM BRICK-3 4M-18A-21-25128 4.FRONT BRICK (BOTTOM) 4M-18A-21-25129 5.FRONT BRICK (TOP) 4M-18A-21-25130 6.BRICK-1 (BOTTOM) 4M-18A-21-25131 7.BRICK-1 (TOP) 4M-18A-21-25132 8.BRICK-2 (BOTTOM) 4M-18A-21-25133 9.BRICK-2 (TOP) 4M-18A-21-25134 10.BRICK-3(BOTTOM) 4M-18A-21-25135 11.BRICK-3(TOP) 4M-18A-21-25136 12.LEFT BRICK-4(BOTTOM) 4M-18A-21-25137 13.LEFT BRICK-4(TOP) 4M-18A-21-25138 14.RIGHT BRICK-4(BOTTOM)4M-18A-21-25139 15.RIGHT BRICK-4(TOP) 4M-18A-21-25140) NOTE: (1) MATERIALS SHOULD BE CRACK FREE AND MATERIAL WITH CRACKS AT BHEL ,TRICHY WILL NOT BE ACCEPTED. (2)TEST CERTIFICATE FOR MATERIAL CONFIRMITY AS PER DRAWING FROM GOVT. APPROVED LAB. SHALL BE PRODUCED DURING PRE-DESPATCH INSPECTION. (3) MATERIALS SHOULD BE SUPPLIED ALONG WITH ORIGINAL TEST CERTIFICATE.	NO	2.000	2.00	31.03.16

The offers should reach us 30 minutes before the time of opening of tenders. The offers will be opened at 14.30 hrs on the due date of tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening.Late and delayed offers are liable to be rejected.

Yours faithfully,
For **BHARAT HEAVY ELECTRICALS LIMITED**

D. CHANDRAMOHAN
Dy. General Manager
Purchase (CP & SP) / MM / RM
BHEL, TIRUCHY - 620 014.

MANAGER / PURCHASE
(FOSSIL BOILERS)
Yours faithfully,



BHARAT HEAVY ELECTRICALS LIMITED

(A Government of India Undertaking)
HIGH PRESSURE BOILER PLANT
PURCHASE DEPARTMENT - FOSSIL BOILERS
THIRUCHIRAPALLI - 620014
TAMILNADU (INDIA)

Page
2/2
PHONE :2577331
GRAMS : BHARATELEC
FAX NO: 2520719
E-mail: srchandran@bheltry.co.in
Web:

2661500230 / 30.06.2015

23505

- (4)BRICKS SHOULD HAVE IDENTIFICATION MARK LIKE MANUFACTURER COMPANY NAME AND BHEL DRAWING NUMBER(LAST FIVE DIGITS) ON IT.
(5)THE BRICK ASSEMBLY HAS TO OFFERED FOR INSPECTION TO BHEL BEFORE DESPATCH.EACH SET OF BRICKS HAVE TO BE ASSEMBLED AS PER THE ASSY DRG.AND PROVED FOR PERFECT MACTCHING AND ACCEPTANCE BY BHEL.
(6)PREFERABLE DELIVERY PERIOD IS TO BE WITHIN 12 WEEKS FROM THE DATE OF PURCHASE ORDER.

General Note:

All the tenders may be addressed to the following address:

**The Tender Opening Cell / MM
Room No: 26, Building 24, Ground Floor
Bharat Heavy Electricals Limited
TIRUCHIRAPALLI 620014**

In case personal delivery of the offer, it shall be dropped into the respective box kept in Room No: 26, after duly entering the data in the system.

Offers will be accepted only up to 14.00 Hrs on the due date. Therefore, vendors shall ensure to submit the offers well before this time. All due date extension requirements should be addressed to the respective Purchase mail IDs. All the due date extension requests from vendors will be considered only up to 48 hours before the due date and time.

Vendors are requested to avoid submission of offers through e mail / fax. In case of any unavoidable situation, offers shall be sent through e mail to the following mail ID only tender_cell@bheltry.co.in.

As tenders are being opened by Common Tender Opening Cell, offer covers should be sealed with tenderer's distinctive seal and super scribed with correct Tender No. item of supply and due date of opening.


The offers will be opened at 14.30 hrs on the due date of the tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening. Late and delayed offers are liable to be rejected.

Enclosures:

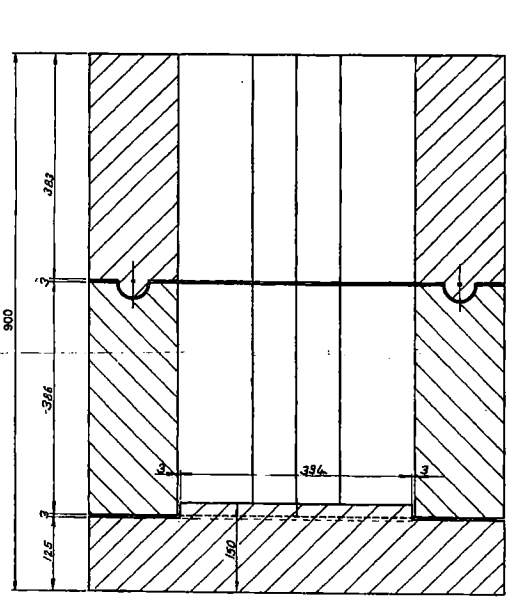
"LD clause has to be confirmed without fail."

The offers should reach us 30 minutes before the time of opening of tenders. The offers will be opened at 14.30 hrs on the due date of tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening.Late and delayed offers are liable to be rejected.

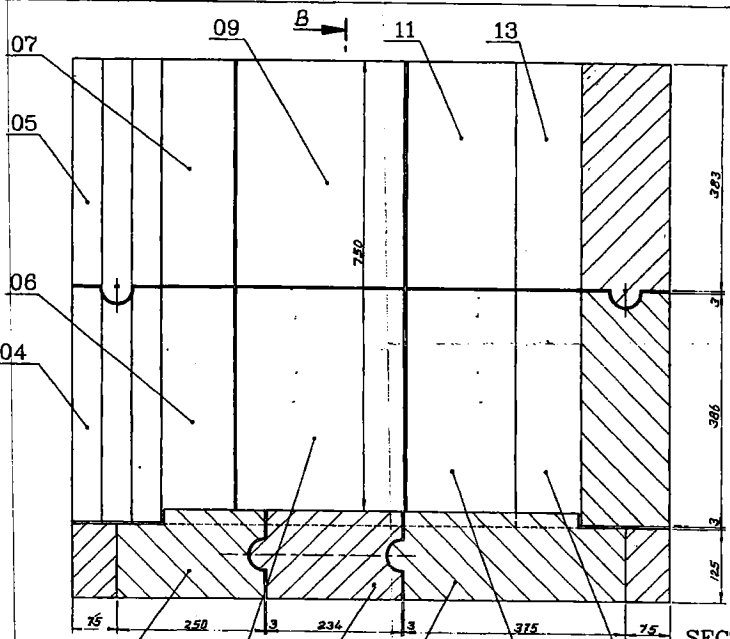
Yours faithfully,
For BHARAT HEAVY ELECTRICALS LIMITED


D. CHANDRAMOHAN
Dy. General Manager
Purchase (CP & SP) / MM / RM
BHEL, TIRUCHY 620 014.
MANAGER / PURCHASE
(FOSSIL BOILERS)
Yours faithfully,

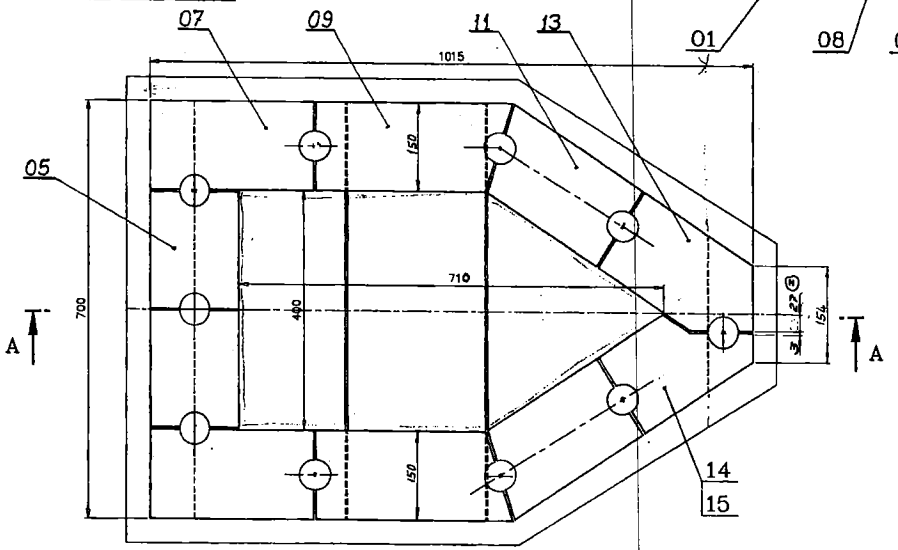
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SECTION-BB



SECTION-AA



1	RIGHT BRICK-4 (TOP)				4-M-18A-25140	15
1	RIGHT BRICK-4 (BOTTOM)				4-M-18A-25139	14
1	LEFT BRICK-4 (TOP)				4-M-18A-25138	13
1	LEFT BRICK-4 (BOTTOM)				4-M-18A-25137	12
2	BRICK-3 (TOP)				4-M-18A-25136	11
2	BRICK-3 (BOTTOM)				4-M-18A-25135	10
2	BRICK-2 (TOP)				4-M-18A-25134	09
2	BRICK-2 (BOTTOM)				4-M-18A-25133	08
2	BRICK-1 (TOP)				4-M-18A-25132	07
2	BRICK-1 (BOTTOM)				4-M-18A-25131	06
2	FRONT BRICK (TOP)				4-M-18A-25130	05
2	FRONT BRICK (BOTTOM)				4-M-18A-25129	04
1	BOTTOM BRICK-3				4-M-18A-25128	03
1	BOTTOM BRICK-2				4-M-18A-25127	02
1	BOTTOM BRICK-1				4-M-18A-25128	01
REF. No.	DESCRIPTION	MATERIAL	STD/SFS	REV. No.	DRAWING No.	
	EQUIPMENT CODE: 15			COMP CODE: 29	DATE	SIGN.
	ALTERATIONS					
SCALE	DRAWN	BHMN 2.7 WAS 30		DATE	08.03.93	
1:5	CHECKED			DATE	04.09.93	
	APPROVED					
	DATE					
MACHINE: SALT BATH FURNACE			TYPE: THERELEK			Total sheets
TITLE			DRAWING No.			REV
BRICK ASSEMBLY			2-M-18A-3813			
No. of sheets			Sheet No.			

Handwritten signature
3/7/2011

D. CHANDRAMOHAN
Dy. General Manager
Purchase (CP & SP) / MM / RM
BHEL, TIRUCHY - 620 014.

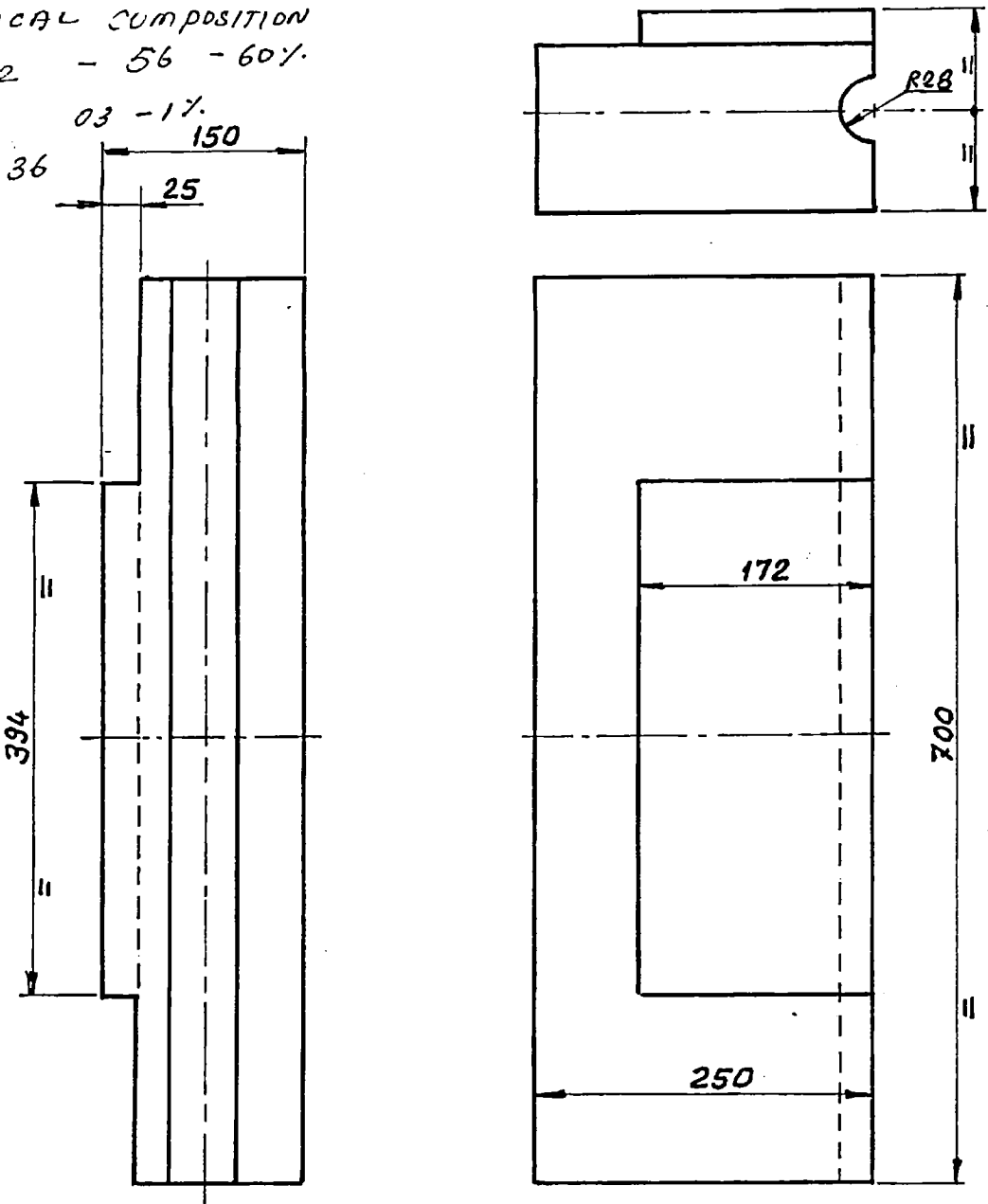
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39-607 A

CHEMICAL COMPOSITION

A_{1/2} O₂ - 56 - 60%
 FB O₂ 03 - 1%
 P.C.E + 36



1		SILIMANATE				2-M-18a-3813	1
No. of Pcs.	DESCRIPTION	MATERIAL	STD/BPS	Net wt. (kg)	Gross wt. (kg)	DRAWING No.	Item No.
REFERENCE:			ALTERATIONS EC 15 CC: 00		DATE	SIGN.	Index
SCALE 1:5	DRAWN	C. Eby					
	CHECKED	<i>[Signature]</i>					
	APPROVED	D. G. [Signature]					
	DATE	300893					
MACHINE: LOW TEMP. SALT BATH FURNACE			TYPE: THERELEK.		Total wt. (kg.)		
TITLE			DRAWING No.		REV.		
 BOTTOM BRICK-1			4-M-18a-25126				
No. of Sheets:			Sheet No.				

[Handwritten signature]

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[Handwritten signature]

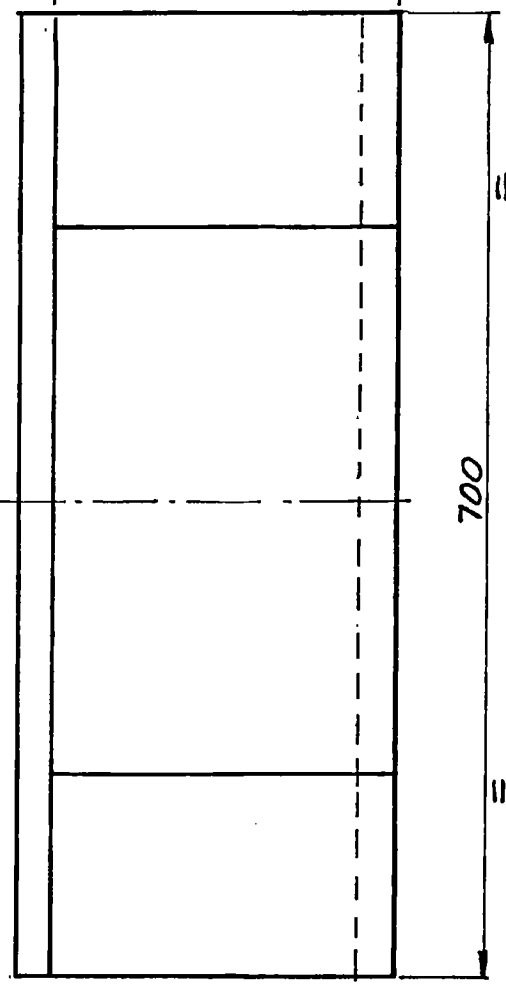
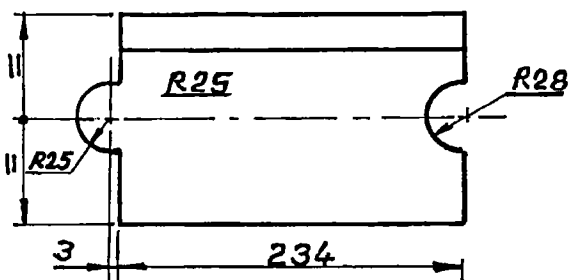
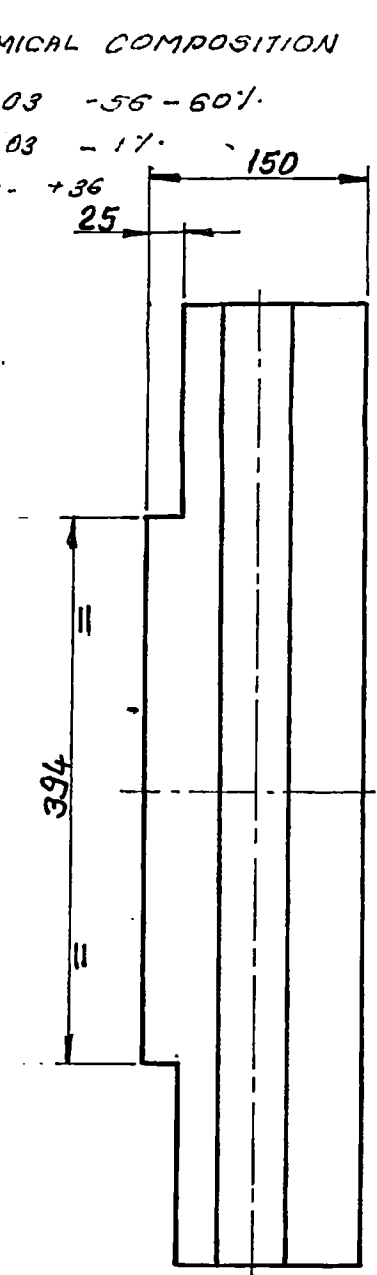
39-607 A


CHEMICAL COMPOSITION

A/2 03 -56 -60%

F 2 03 - 17

P.C.E - +36



1		SLIMANATE				2-M-18a-3813	2
No. of pcs.	DESCRIPTION	MATERIAL	STD/BPS	Net wt. (kg)	Gross wt. (kg)	DRAWING No.	Item No.
REFERENCE:			ALTERATIONS	EC: 15	CC: 00	DATE	SIGN.
SCALE	DRAWN	<i>C. Elot</i>					
1:5	CHECKED	<i>[Signature]</i>					
	APPROVED	<i>D. [Signature]</i>					
	DATE	30 08 93					
MACHINE: LDW-TEMP SALT BATH FURNACE			TYPE: THERELEK		Total wt. (kg)		
TITLE			DRAWING No.		REV.		
 BOTTOM BRICK-2.			4-M-18A-25127				
No. of Sheets:			Sheet No.				

[Handwritten signature] 30/8/2015

INDEX No. 39 - 607

CAUTION

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BHARAT HEAVY ELECTRICALS LTD.,
TIRUCHIRAPALLI-14

CHEMICAL COMPOSITION

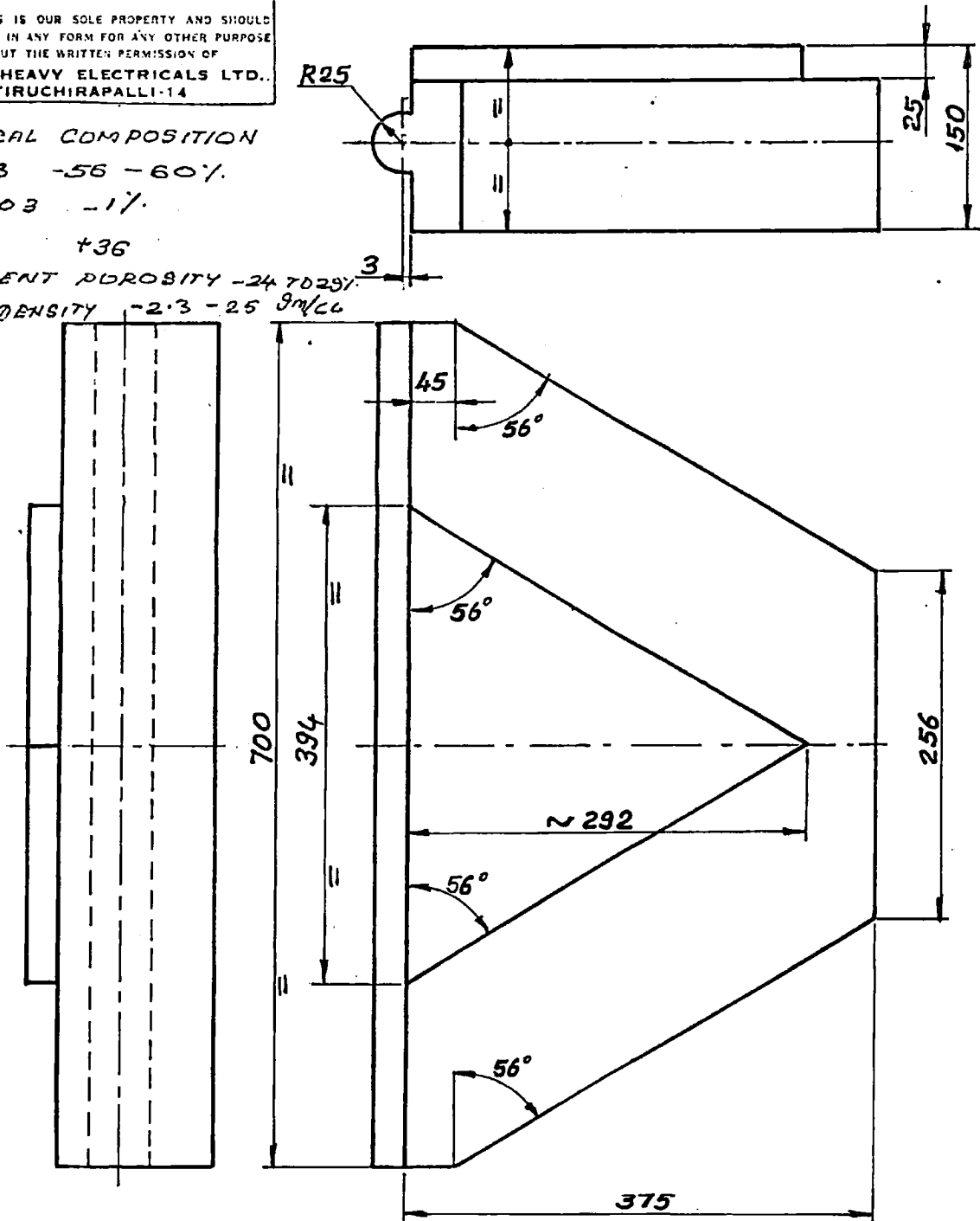
A/2 O3 -56 -60%.

Fe 2 O3 -1%.

P.C.E +36

APPARENT POROSITY -24 TO 29%

BULK DENSITY -2.3 -2.5 gm/cc

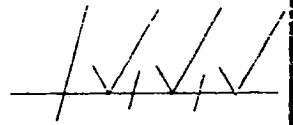


1	SLIMNATE					2-M-18a-3313 3			
NO. OF PIECES	DESCRIPTION	SEMI-PRODUCT	FINAL MATERIAL	INITIAL MATERIAL	SCRAP SORT	NET Wt(kg)	GROSS Wt(kg)	DRAWING NO.	ITEM NO.
REMARKS					TOTAL NET Wt (kg)				
SCALE 1:5	DRAWN	C. Elex		REFERENCE	ALTERATIONS		DATE	SIGNATURE	INDEX
	CHECKED	[Signature]		EC: 15					
	APPROVED	D. Gornitt		CC: 00					
	STDS. OFFICER								
DATE		300893							
MACHINE LOW TEMP. SALT BATH FURNACE				TYPE: THERELEK.		INV. NO.			
TITLE: BOTTOM BRICK-3				DRAWING NO. 4-M-18A-25128					
NO. OF SHEETS				SHEET NO.					

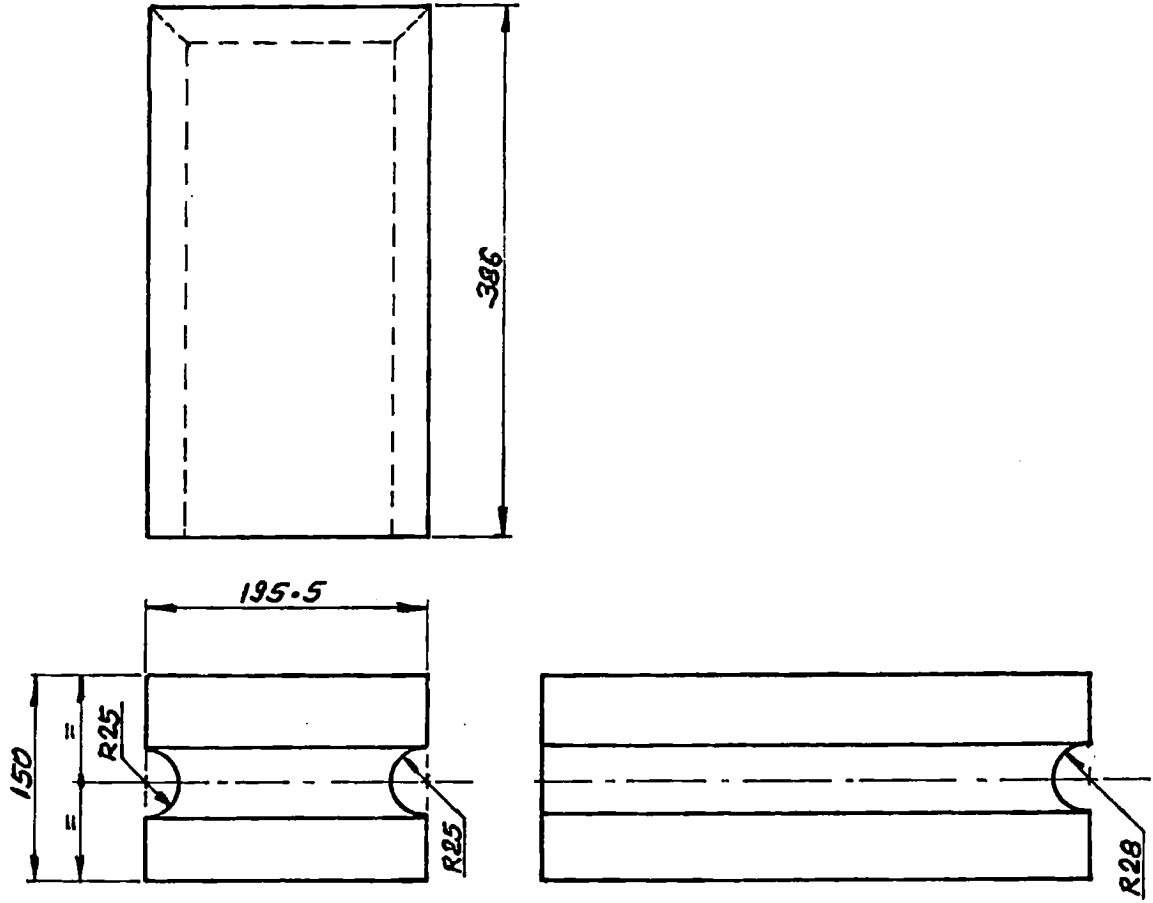


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39-607 A



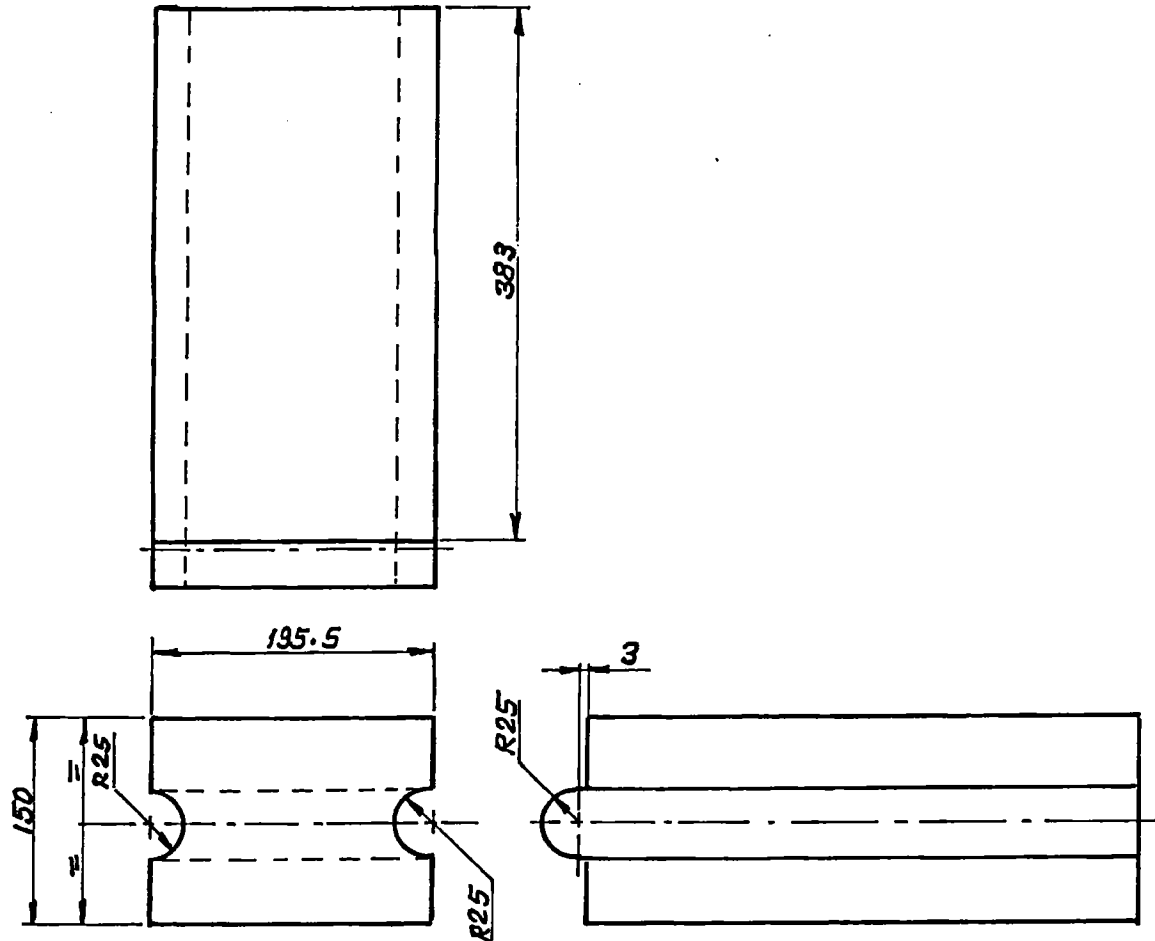
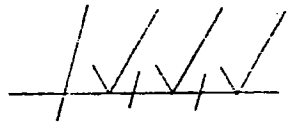
CHEMICAL COMPOSITION
 -A/2 03 - 56 - 60%
 -FC₂ 03 - 1%
 P.C.E + 36

2		SILIMANATE			2-M-18a-3813	4	
No. of Pcs.	DESCRIPTION	MATERIAL	STD/BPS	Net wt. (kg)	Gross wt. (kg)	DRAWING No.	Items
REFERENCE:		ALTERATIONS		EC: 15	CC: 00	DATE	SIGN.
SCALE 1:5	DRAWN	CERD					
	CHECKED	<i>[Signature]</i>					
	APPROVED	<i>[Signature]</i>					
	DATE	300893					
	MACHINE: SALT BATH FURNACE		TYPE: THERELEK.		Total wt. (kg.)		
	TITLE FRONT BRICK (BOTTOM)		DRAWING No. 4-M-18A-25129		21		REV.
No. of Sheets :			Sheet No.				

[Handwritten signature] 23/2/2015

39-607 A

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CHEMICAL COMPOSITION
- A/2 O3 - 56 - 60%
- Fe2 O3 - 1%
- D.C.E + 38

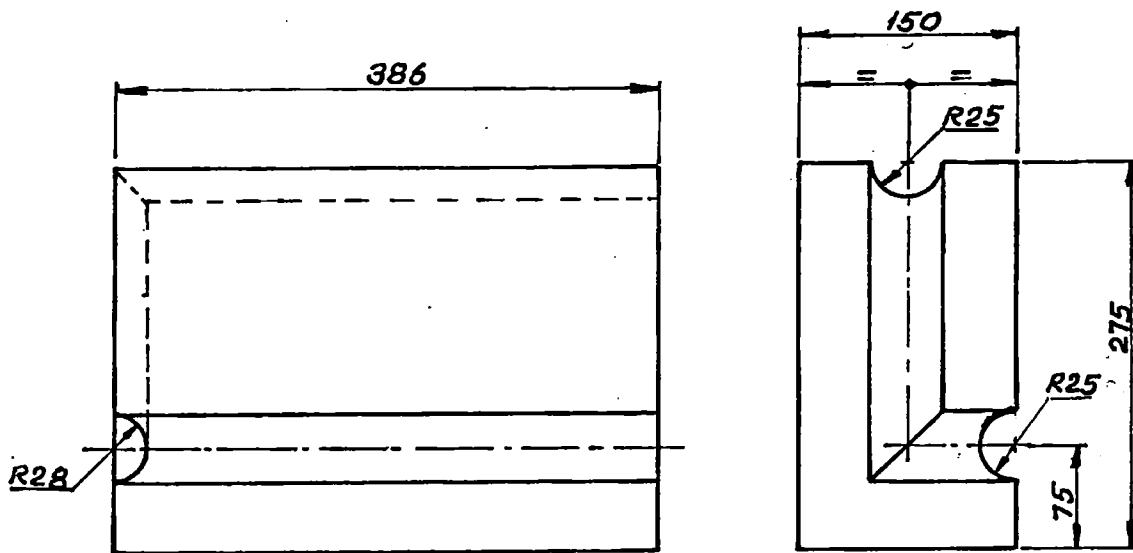
2		SILIMANATE			2-M-18a-3813	5	
No. of	DESCRIPTION	MATERIAL	STD/BPS	Net wt. (kg)	Gross wt. (kg)	DRAWING No.	Issued
REFERENCE:			ALTERATIONS EC: 15 CC: 00		DATE	SIGN.	Index
SCALE 1:5	DRAWN	CERAY					
	CHECKED	[Signature]					
	APPROVED	D. J. [Signature]					
	DATE	30 08 93					
	MACHINE: SALT BATH FURNACE		TYPE: THERELEK.		Total wt. (kg.)		
	TITLE		DRAWING No.		REV.		
	FRONT BRICK (TOP)		4-M-18A-25130				
No. of Sheets:			Sheet No.				

Handwritten signature and date: 21/12/2011

INDEX No. 39 - 607

CAUTION

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BHARAT HEAVY ELECTRICALS LTD.,
TIRUCHIRAPALLI-14



CHEMICAL COMPOSITION

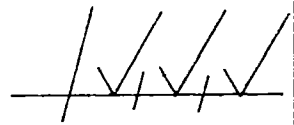
A/2 O3 - 56 - 60%
 Fe2 O3 - 17%
 P.C.E + 36

LEFT SIDE BOTTOM BRICK ONE NO. AS SHOWN. ANOTHER ONE NO. RIGHT SIDE BOTTOM BRICK OPPOSITE HAND.

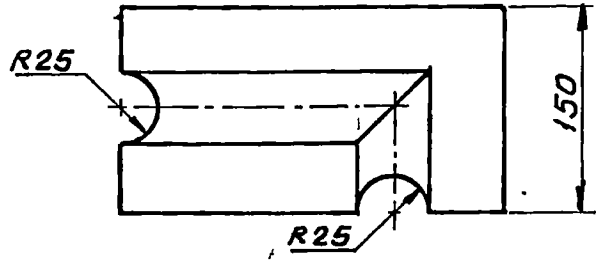
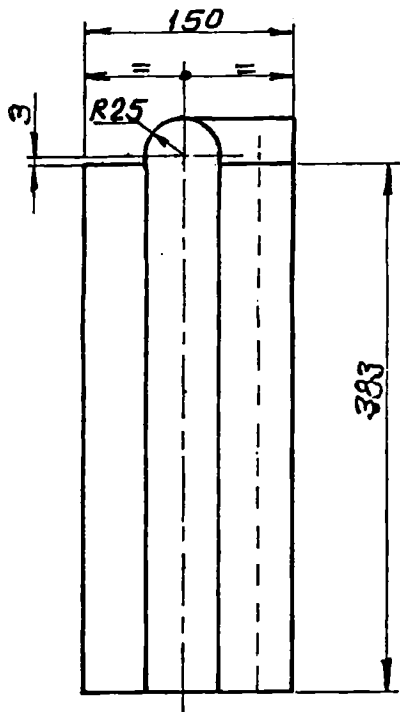
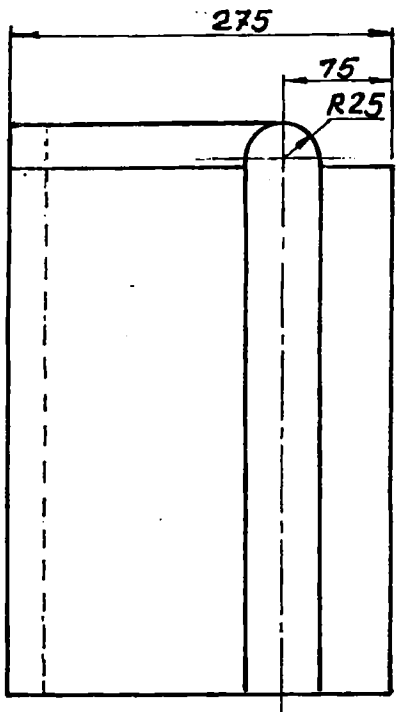
2		SLIMANATE				2-M-18a-3813		6	
NO. OF PIECES	DESCRIPTION	SEMI-PRODUCT	FINAL MATERIAL	INITIAL MATERIAL	SCRAP SORT	NET Wt(kg)	GROSS Wt(kg)	DRAWING NO.	ITEM NO.
REMARKS					TOTAL NET Wt (kg)				
SCALE	DRAWN	C. Eroth		REFERENCE	ALTERATIONS		DATE	SIGNATURE	INDEX
	CHECKED	<i>[Signature]</i>		EC:15					
	APPROVED	<i>[Signature]</i>		CC:00					
	STDS. OFFICER								
	DATE	30 08 93							
MACHINE SALT BATH FURNACE		TYPE: THERELEK.			INV. NO.				
TITLE:		DRAWING NO.			21				
		BRICK-1 (BOTTOM)			4-M-18A-25131				
		NO. OF SHEETS			SHEET NO.				

[Handwritten signature] 3/7/2015

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39-607 A



CHEMICAL COMPOSITION
 Al₂O₃ - 56 - 60 %
 Fe₂O₃ - 1 %
 P.C.E + 36

LEFT SIDE TOP BRICK ONE NO. AS SHOWN. ANOTHER ONE NO.
 RIGHT SIDE TOP BRICK OPPOSITE HAND

2		SLIMANATE				2-M-18a-3813	7
No. of pps.	DESCRIPTION	MATERIAL	STD/BPS	Net wt. (kg)	Gross wt. (kg)	DRAWING No.	Item No.
REFERENCE:			ALTERATIONS	EC: 15	CC: 00	DATE	SIGN.
SCALE 1:5	DRAWN	C. EREY					
	CHECKED	<i>[Signature]</i>					
	APPROVED	<i>[Signature]</i>					
	DATE	300893					
	MACHINE: SALT BATH FURNACE		TYPE: THERELEK.		Total wt. (kg.)		
	TITLE		DRAWING No.		REV.		
	BRICK-1 (TOP)		4-M-18A.-25132				
No. of Sheets :		Sheet No.					

[Handwritten signature] 3/2/2015

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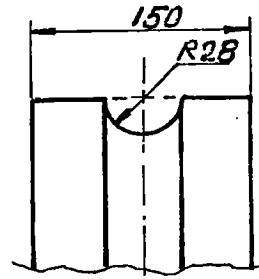
39-607 A

CHEMICAL COMPOSITION

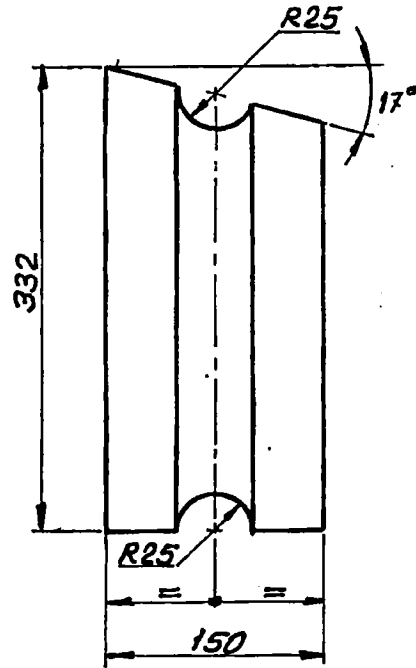
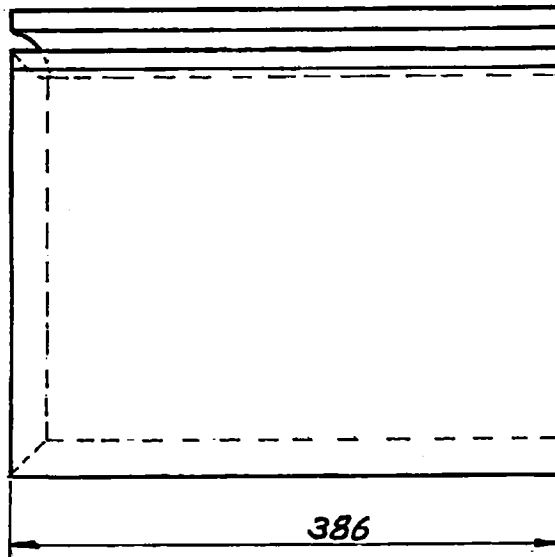
A/2 O₂ - 56 - 60%

Fe₂ O₃ - 1%


P.C.E + 36



VIEW-A



1. LEFT SIDE BOTTOM BRICK - 2 ONE NO. AS SHOWN.
2. RIGHT SIDE BOTTOM BRICK 2 ONE NO. OPPOSITE HAND.

2		SLIMANATE				2-M-18a-3813	8	
No. of pcs	DESCRIPTION	MATERIAL	STD/BPS	Net wt. (kg)	Gross wt. (kg)	DRAWING No.	Item No.	
REFERENCE:			ALTERATIONS EC: 15 CC: 00		DATE	SIGN.	Index	
SCALE	DRAWN	C. Ero						
1:5	CHECKED	[Signature]						
	APPROVED	[Signature]						
	DATE	30.08.93						
	MACHINE: SALT BATH FURNACE		TYPE: THERELEK.		Total wt. (kg.)		REV:	
	TITLE		DRAWING No.		21			
BRICK-2 (BOTTOM)		4-M-18A-25133						
No. of Sheets:			Sheet No.					

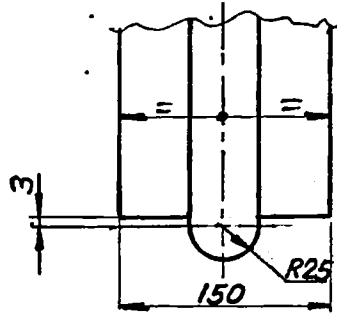
[Handwritten signature] 3/7/2015

Caution
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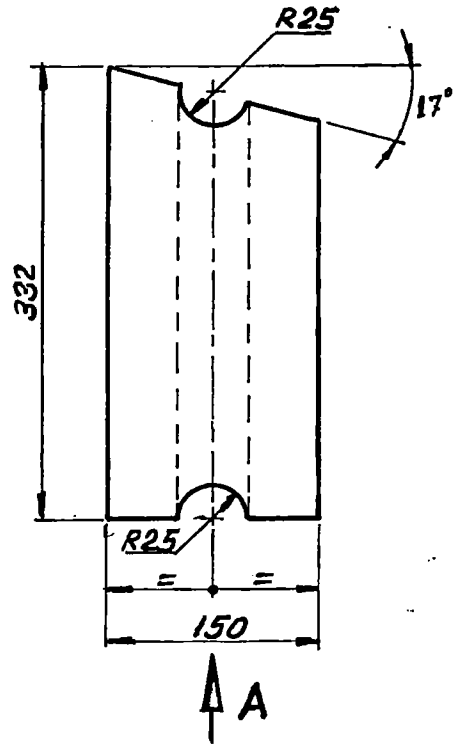
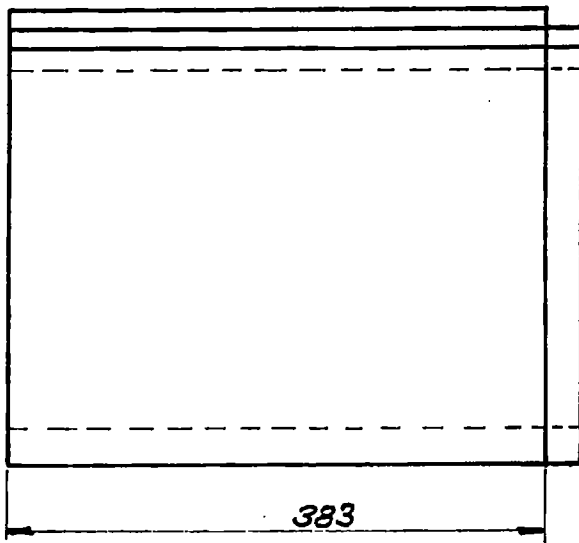
✓✓✓✓✓

39-607 A

CHEMICAL COMPOSITION
 A/2 O2 -56 -60%
 Fe O2 03 -1%
 P.C.E +36



VIEW - A



1. LEFT SIDE TOP BRICK - 2 ONE NO. AS SHOWN.
2. RIGHT SIDE TOP BRICK - 2 ONE NO. OPPOSITE HAND.

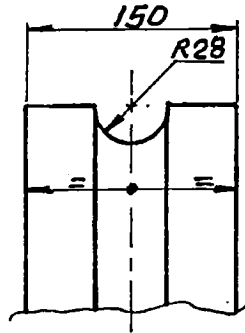
2		SLIMANATE				2-M-18a-3813	9
No. of DES.	DESCRIPTION	MATERIAL	STD/BPS	Net wt. (kg)	Gross wt. (kg)	DRAWING No.	Item No.
REFERENCE:			ALTERATIONS EC:15 CC:00		DATE	SIGN.	Index
SCALE	DRAWN	C. Eloy					
1:5	CHECKED	<i>[Signature]</i>					
	APPROVED	<i>[Signature]</i>					
	DATE	30 08 93					
MACHINE: SALT BATH FURNACE			TYPE: THERELEK		Total wt. (kg.)		
TITLE			DRAWING No.		REV.		
<i>[Logo]</i> BRICK-2 (TOP)			4-M-18A-25134		2/		
			No. of Sheets:		Sheet No.		

[Signature] 31/7/2015

Caution

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39-607 A



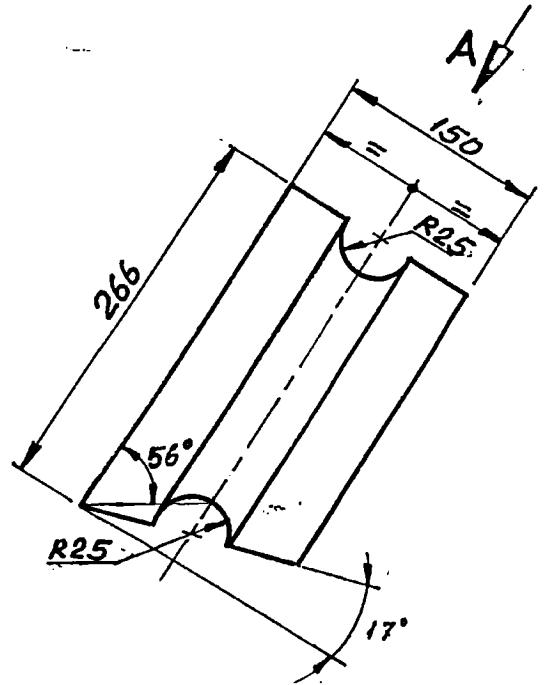
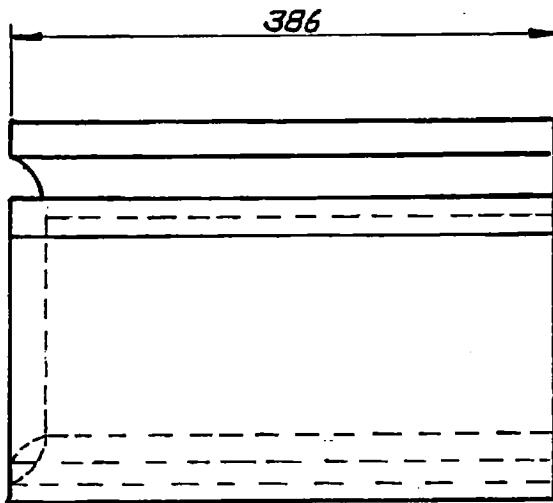
VIEW-A

CHEMICAL COMPOSITION

A/2 02 - 56 - 60%


Fe 02 03 - 1%

P. C. E + 36



1. LEFT SIDE BOTTOM BRICK - 3 ONE NO. AS SHOWN

2. RIGHT SIDE BOTTOM BRICK - 3 ONE NO. OPPOSITE HAND.

2		SLIMANATE				2-M-18a-3813	10
No. of Pcs.	DESCRIPTION	MATERIAL	STD/BPS	Net wt. (kg)	Gross wt. (kg)	DRAWING No.	Item No.
REFERENCE:			ALTERATIONS	EC:15	CC:00	DATE	SIGN.
SCALE 1:5	DRAWN	<i>C. Eroy</i>					
	CHECKED	<i>[Signature]</i>					
	APPROVED	<i>[Signature]</i>					
	DATE	300893					
MACHINE: SALT BATH FURNACE			TYPE: THERELEX		Total wt. (kg.)		
			TITLE		DRAWING No.		REV.
			BRICK-3 (BOTTOM)		4-M-18A-25135		
			No. of Sheets :		Sheet No.		

[Handwritten signature] 3/10/2015

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[Handwritten signature]

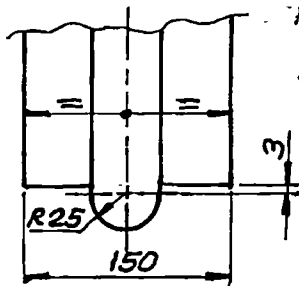
39-607 A

CHEMICAL COMPOSITION

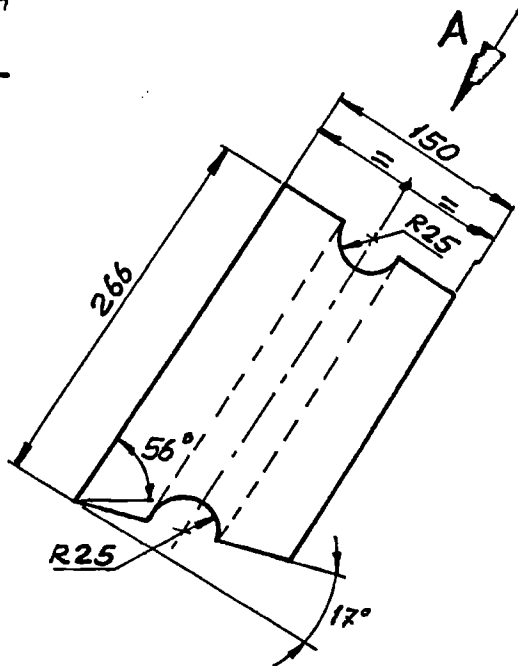
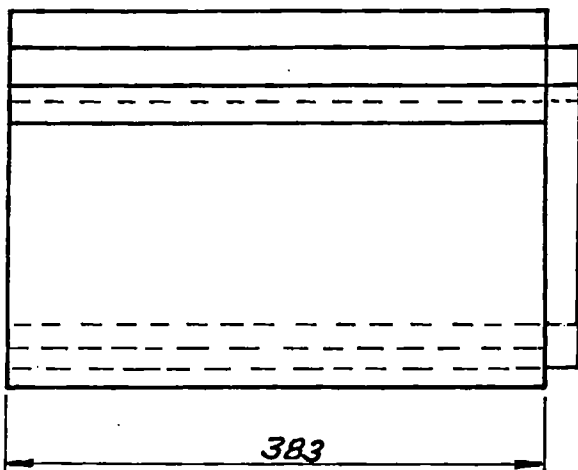
A/2 02 -56 -60Y.

FE 02 03-1Y.

P.C.E +36



VIEW-A



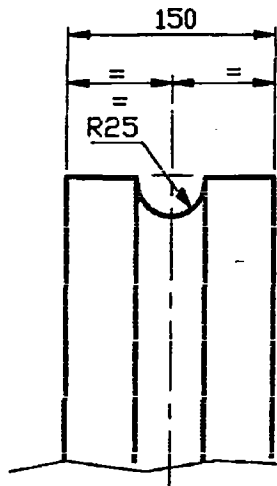
1. LEFT SIDE TOP BRICK 3-ONE NO. AS SHOWN
2. RIGHT SIDE TOP BRICK-3-ONE NO. OPPOSITE HAND.

2		SLIMANATE				2-M-18a-3813	11
No. of	DESCRIPTION	MATERIAL	STD/BPS	No. of	Gross	DRAWING No.	REV.
REFERENCE:	ALTERATIONS		EC 15 CC 00	DATE	SIGN.	INDEX	
SCALE	DRAWN	<i>C. Roy</i>					
1:5	CHECKED	<i>[Signature]</i>					
	APPROVED	<i>[Signature]</i>					
	DATE	300893					
MACHINE: SALT BATH FURNCE		TYPE: THERELEK.		Total wt. (kg.)		REV.	
TITLE		DRAWING No.		2.1			
BRICK-3 (TOP)		4-M-18A-25136					
No. of Sheets :		Sheet No.					

[Handwritten signature] 31/12/13

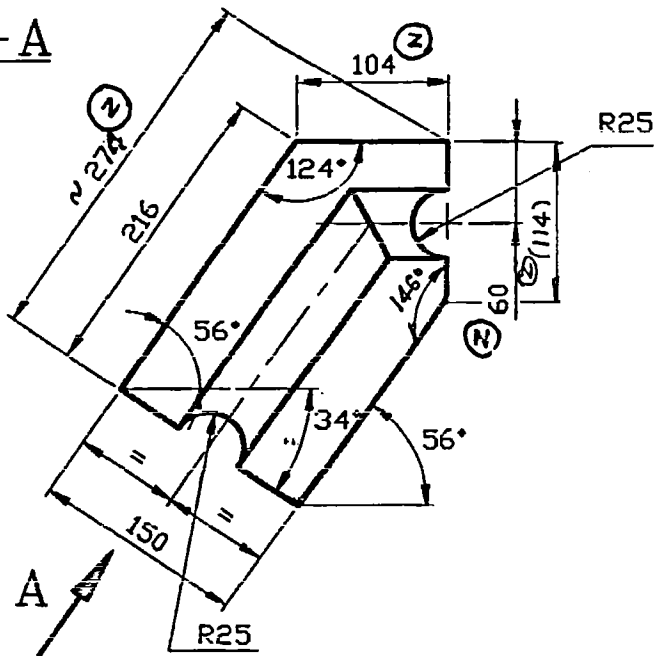
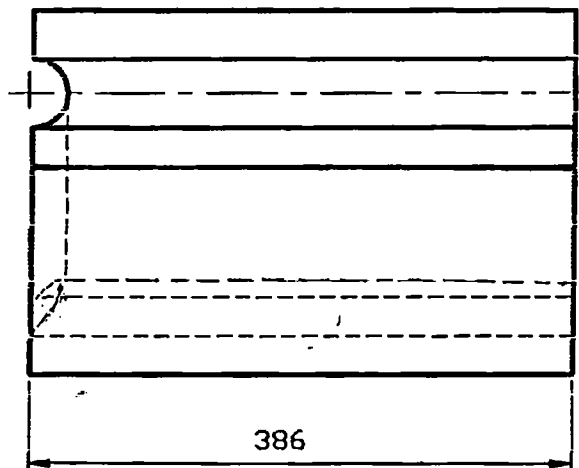
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ALL DIMENSIONS ARE IN MM



CHEMICAL COMPOSITION
 A/2 02 - 56 - 60V
 FE 02 03 - 17
 P.C.E + 36

VIEW-A



1		SILMINATE			2-M-10A-3813	12
No. of Pieces	DESCRIPTION	MATERIAL	STANDARD	NET.WT.IN KGS.	DRAWING No.	ITEM No.
REFERENCE:			COMPONENT CODE: 00	EQUIPMENT CODE: 15		
SCALE	DRAWN/TCN	P.A.ROSS	DIMNS. 104, ~274, 114 & 60 WERE		DCN REF	DATE
1:5	CHECKED	<i>[Signature]</i>	110, ~277.5, 100 & 50		086	3.8.95
	APPROVED	<i>[Signature]</i>				
	DATE	31-07-95/30.9.93				
		ALTERATIONS:	DCN REF	DATE	SIGN.	INDEX

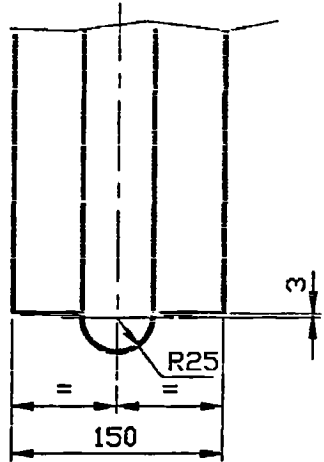
	MACHINE: SALT BATH FURNACE	TYPE: THERELEK
	TITLE: LEFT BRICK-4 (BOTTOM)	DRAWING No: 4-M-18A-25137
	No. of Sheets:	Sheet No:

[Handwritten signature] 31/7/2015

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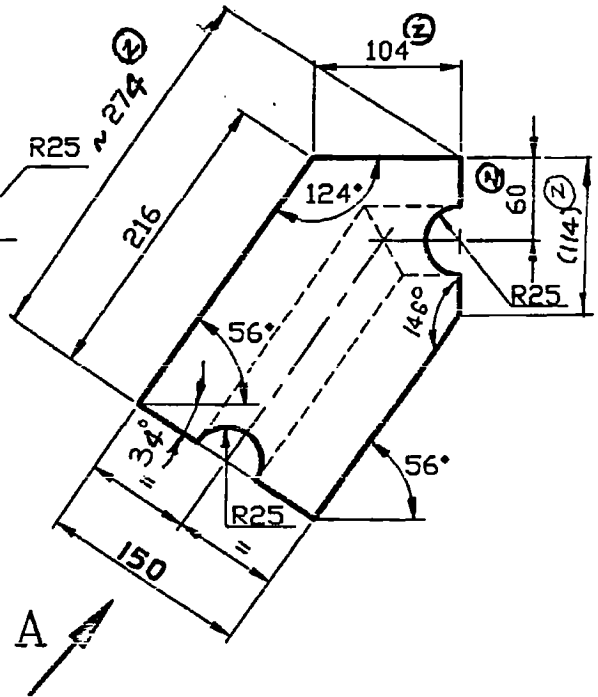
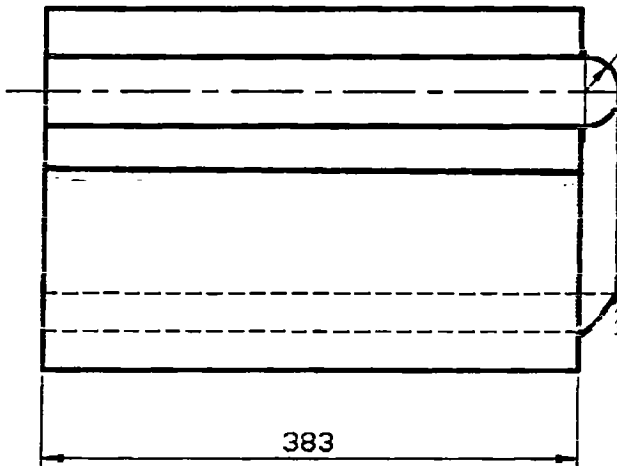
ALL DIMENSIONS ARE IN MM

✓/✓/✓



VIEW-A

CHEMICAL COMPOSITION
 A/2 O2 - 55 - 60%
 Fe O2 03 - 1%
 P.C.E + 36

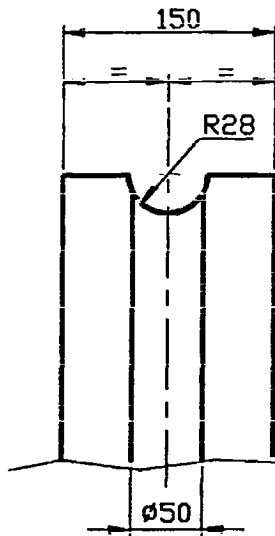


1		SILMINATE			2-M-10A-3813	13
No. of Pieces	DESCRIPTION	MATERIAL	STANDARD	NET.WT.IN KGS.	DRAWING No.	ITEM No.
REFERENCE:				COMPONENT CODE: 00	EQUIPMENT CODE: 15	
SCALE	DRAWN/P.A.ROSS	P.A.ROSS	DIMNS. 104, 274, 114 & 60 W x L x H	DCN REF: 096	DATE: 3-8-95	SIGN: [Signature]
1:5	CHECKED	[Signature]	110, 277, 100 & 50			
	APPROVED	[Signature]				
	DATE	31-07-95/30.9.95				
MACHINE: SALT BATH FURNACE			TYPE: THERELEK			
TITLE: LEFT BRICK-4(TOP)		DRAWING No: 4-M-18A-25138		REV.		
		No. of Sheets:		Sheet No:		

Handwritten signature and date: 31/7/2015

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ALL DIMENSIONS ARE IN MM

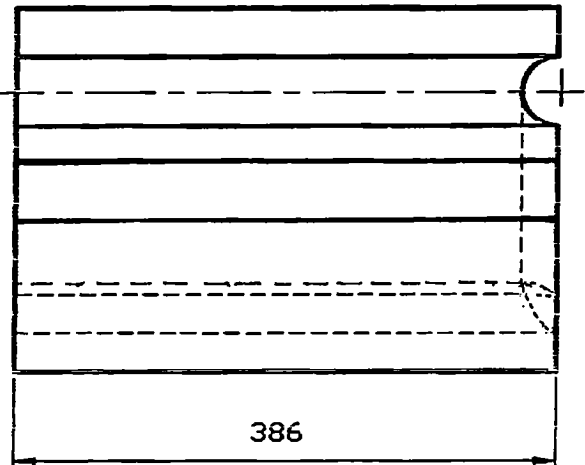
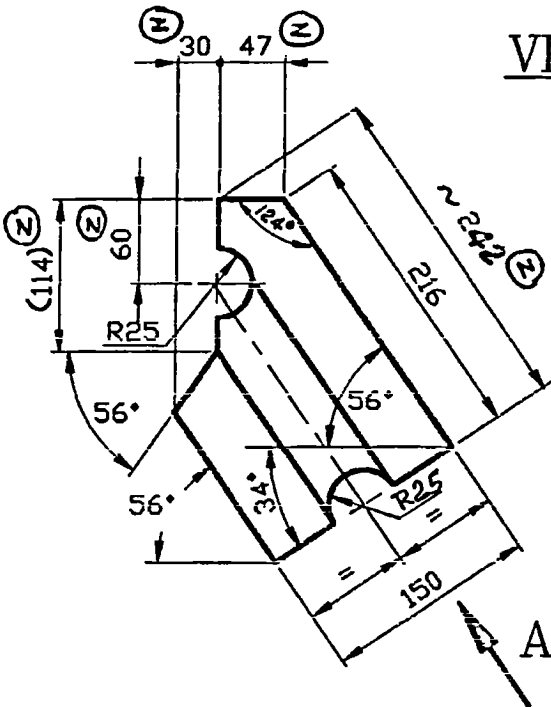


✓✓✓

CHEMICAL COMPOSITION

A/2 02 - 56 - 60%
 FE 02 03 - 1%
 P.C.E + 36

VIEW - A



1		SILMINATE			2-M-10A-3813	13
No. of Pieces	DESCRIPTION	MATERIAL	STANDARD	NET.WT.IN KGS.	DRAWING No.	ITEM No.
REFERENCE:			COMPONENT CODE: 00	EQUIPMENT CODE: 15		
SCALE	DRAWN/TEN	P.A.ROSS	DIMNS. 30, 47, 216, 114 & 60	DCN REF	DATE	SIGN.
1:5	CHECKED		WERE 33, 41, 239, 110 & 57			
	APPROVED					
	DATE	31-07-95/30.9.93				
MACHINE: SALT BATH FURNACE			TYPE: THERELEK			
	TITLE:		DRAWING No:		REV.	
	RIGHT BRICK-4 (BOTTOM)		4-M-18A-25139			
	No. of Sheets:		Sheet No:			

Handwritten signature and date: 31/7/2018

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CAUTION!

ALL DIMENSIONS ARE IN MM

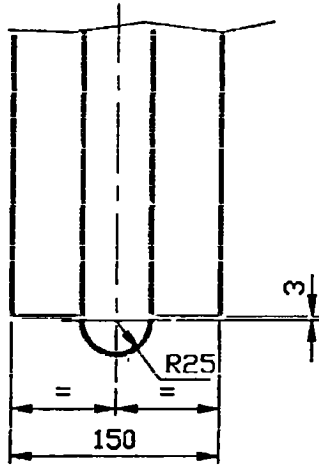


CHEMICAL COMPOSITION

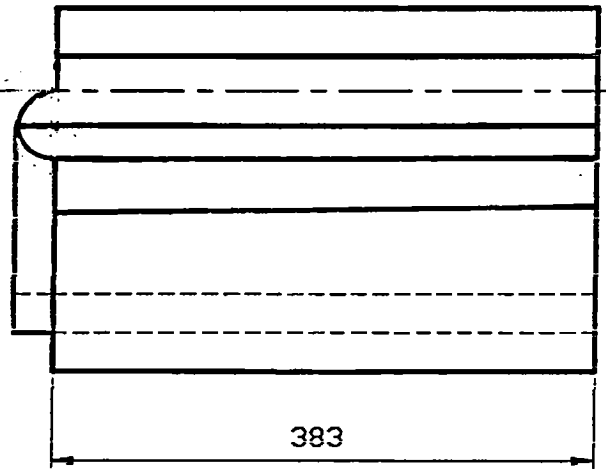
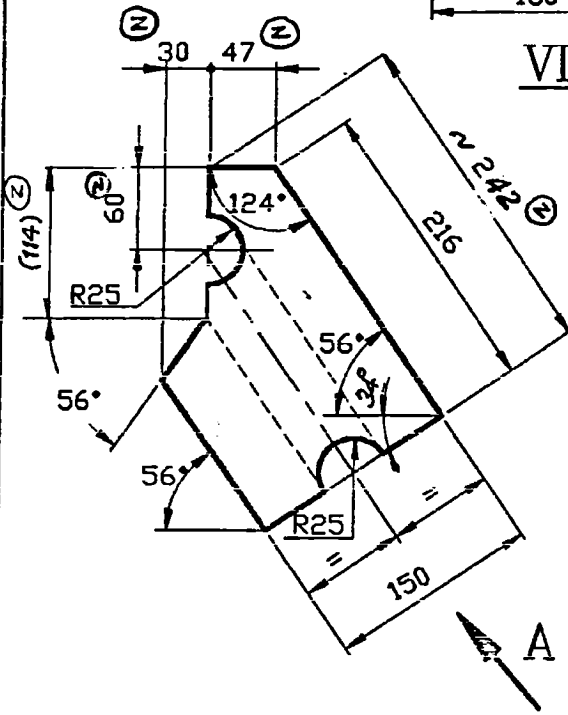
A₂ O₂ - 56 - 60%

Fe O₂ 03 - 1%

P.C.E 436



VIEW - A



1		SILMINATE			2-M-10A-3813	15
No. of Pieces	DESCRIPTION	MATERIAL	STANDARD	NET.WT. IN KGS.	DRAWING No.	ITEM No.
REFERENCE:			COMPONENT CODE: 00	EQUIPMENT CODE: 15		
SCALE	DRAWN/TCO	P.A. ROSS	31MMs. 30, 47, ~ 242, 114, 260	DCN REF	DATE	SIGN.
1:5	CHECKED		45RE 32, 41, 229, 110 + 50		3.8.95	
	APPROVED					
	DATE	31-07-95/398, 93				
MACHINE: SALT BATH FURNACE			TYPE: THERELEK			
TITLE: RIGHT BRICK-4(TOP)			DRAWING No: 4-M-18A-25140		REV.	
			No. of Sheets: 21		Sheet No:	

Handwritten signature and date: 31/7/2018

COMMERCIAL TERMS& CONDITIONS

ANNEXURE-III(m)

Bharat Heavy Electricals Limited, Tiruchirapalli – 620 014, Tamilnadu

MM: CP & SP

(Check List - to be filled and submitted along with Techno-Commercial Bid)

Sl. No.	BHEL Commercial Terms and Conditions for Indigenous Supplies	Vendor's Confirmation / Comments
1	Bid should be submitted in Two Parts . 1. Techno-commercial Bid (Part-I) and 2. Price Bid (Part-II) in a separate sealed cover and both the covers must be placed in a Third Cover and Sealed. Our Enquiry No., Enq. Date & Enq. Due date must be written on all Three covers	
2	Technical confirmation to BHEL's Specification shall be furnished. If needed additional sheets shall be used.	
3	Prices shall be quoted item wise only.	
4	Delivery INCO TERMS- Price quoted -FOR BHEL TRICHY, STORES or ex- WORKS Basis or, FOR WORKS (DESPATCHING STATION) In case of EX works / FOR WORKS basis, indicate the Despatching station. Prices shall be quoted on "FIRM PRICE" basis only.	
5	Validity of offer shall be for a minimum period of 120 days from the date of Tender opening	
6	Delivery period from the date of Letter of Intent / Purchase order	
7	Liquidated damages shall be 0.5% of the total order value per week or part thereof subject to a maximum of 10% of the total order value. For staggered delivery schedule, LD shall be 0.5% of the undelivered portion per week of the delay or part thereof subject to a maximum of 10% of the total order value. Any deviation from the above LD clause, loading will be applied to the extent to which it is not agreed by the bidder (at offered value).	
8	Payment term for supply portion: Payment term is 100% direct payment after 45 days from the date of receipt and acceptance of materials. Note: Only Direct Payment after goods receipt & acceptance will be accepted .Above payment term acceptance is essential for consideration of your offer Any deviation in the above payment term will attract loading as mentioned below. "Base rate of SBI (as applicable on the date of bid opening. Techno-commercial bid opening in case of two part bids) + 6% shall be considered for loading for the period of relaxation sought by bidders. Payment through Bank is not preferred. In case of Payment through Bank is opted by Supplier, BHEL prefers documents submission through bank with copy of LR and door delivery of Goods to Stores with Consignee copy attached. In this case Loading will be 3% on the offered value. Offers of indigenous Suppliers with payment terms as <u>LC/Advance Payment are liable for rejection.</u> Important Note: BHEL will consider the ranking after the loading is applied as referred vide Sl. No. 7& 8 above wherever deviations are observed.	
9	Following Risk Purchase clause shall be applicable: The purchaser at his option will be entitled to terminate the contract and to purchase elsewhere at the risk and cost of the seller either the whole of the goods or any part which the supplier has failed to deliver or dispatch within the time stipulated or if the same were not available, the best and the nearest available substitute therefore. The supplier shall be liable for any loss which the Purchaser may sustain by reason of such risk purchases.	
10	Erection / commissioning: (if applicable only) Erection / commissioning charges if any has been mentioned in the offer or else confirmation that Erection / commissioning shall be done at free of cost is available in the offer.	
11	The equipment shall be guaranteed as per tender condition from the date of receipt & acceptance./(commissioning (commissioning date ,if applicable as per tender condition) Normally No deviation permitted and the <u>deviated offers are liable for rejection.</u>	

COMMERCIAL TERMS& CONDITIONS

ANNEXURE-III(m)

12	Equipment will be inspected at vendor's works prior to dispatch if applicable. However final inspection and acceptance of equipment will be after installation at BHEL, Trichy, Tamilnadu.	
13	The vendor shall provide necessary drawings, Test Certificates and Operating Maintenance Manuals etc., as called for in the Technical Specification, in the required number of copies at no extra cost.	
14	Any warranty replacement during warranty period shall be supplied free of charge on FOR BHEL, Trichy, Tamilnadu basis.	
15	Performance Bank Guarantee, if applicable as per tender condition. Normally No deviation permitted and the <u>deviated offers are liable for rejection.</u>	
OTHER DETAILS REQUIRED		
16	% of Excise Duty with cess	
17	% of TAX (VAT) (TNGST with FORM-17)	
18	% of TAX (VAT) without form	
19	% of TAX (CST) (CST with C-FORM)	
20	% of TAX (CST) without form	
21	Packing & Forwarding Charges (in % only)	
22	Freight& transit insurance charges, if any(in % only) Freight charges from Dispatching station to BHEL, Tiruchirapalli (Note: If the delivery terms is Ex Works the materials has to be sent through BHEL approved carrier only ,in this case the freight will be borne by BHEL)	
23	Approximate Net weight of the total consignment	
24	Approximate Gross weight of the total consignment	
25	Approximate Dimensions of the Consignment	
26	Name of the contact person	
27	Land Line Number	
28	Fax Number	
29	Mobile Number	
30	E-mail ID	
31	PAN No.	
32	CST No.	TIN No.

- a) It is confirmed that all the terms and conditions stipulated in the Enquiry have been fully understood by us and all clarifications & details have been obtained.
- b) Applicable % of ED, Sales Tax -CST or VAT, Service Tax), Freight, Insurance and Installation and Commissioning Charges etc., are indicated in offer.

Full postal Address:

Signature & Office Seal of the vendor

Note:-

Your specific acceptances to our Payment terms, LD & Risk Purchase (RP) Clause are essential for consideration of your offer. Otherwise your offer is liable for rejection.
No row shall be left blank. Please indicate NA, in case the item is "not applicable"