

Enquiry No 4101700031 dt 24.07.2017 - Procurement of F92 Forgings for NTPC projects

Date- 25.08.2017

Dear Sir / Madam,

Sub: Procurement of F92 Forgings for NTPC projects as per BHEL Enquiry- 4101700031 dt 24.07.2017.

With regard to the subject tender for the **"Procurement of F92 Forgings"** as per BHEL Enquiry No 4101700031 dt 24.07.2017, Corrigendum #2 is being issued for the following-

- Due date for Part I (PQR and Techno-Commercial) bid has been extended upto IST 14.00 HRS on 01.09.2017.
- Drawing Nos 3-80-303-33484, 3-80-310-33485, 3-80-301-33477, 3-80-300-33476 and 3-80-310-33486 have been revised to Revision 01. Previous revision R00 stands withdrawn.
- Technical clarification- For the Tee's pertaining to the tender, the radius of the inner edges of fittings shall be more than R5. No sharp edges are allowed and the profile shall ensure minimum thickness in crotch.

Prospective bidders are requested to take note of the revised drawings, technical clarification and submit their quote accordingly before the extended tender due date.

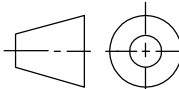
For BHEL Piping Centre,

Anil Sree
Sr.Engineer / Purchase
BHEL Piping Centre

DRAWING No

47(min)
(TYP)

01. DESIGN PRESSURE : 297 kg/sq.cm.(g)
02. DESIGN TEMPERATURE : 608° C
03. ALL DIMENSIONS ARE FINISHED DIMENSIONS.
04. MANUFACTURING, INSPECTION AND TESTING SHALL BE AS PER IBR, ASME B16.9 AND SA182
05. FITTING TO COMPLY WITH ASME B16.9 AND DIMENSIONS ARE AS PER THIS DRAWING.
06. FOLLOW TDG:104 (LATEST VERSION)
07. WEIGHT GIVEN IN TITLE BLOCK IS INDICATIVE ONLY.
VENDOR SHALL SUBMIT FINAL DRAWING WITH DIMENSIONS AND ACTUAL WEIGHT FOR APPROVAL BEFORE MANUFACTURING.
08. CONSTRUCTION SHALL BE SEAMLESS

01	BW EQUAL TEE OD219.1X47	3-80-303-33484	92 505 150 0000 SA 182 F92	A	350,000 1		
ITEM NO.	DESCRIPTION	DRAWING NO.	ITEM NO. VAR NO.	MATERIAL CODE MATERIAL SPEC.	A C	UNIT WT. QTY.	
TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT							
 BHARAT HEAVY ELECTRICALS LTD., PIPING CENTRE, CHENNAI 600 017			DRN	NAME ARUN SHARMA	SIGN	DATE 14.03.17	NO OF ITEMS
			CHD	KONDAPA NAIDU		14.03.17	
			APPD	R.SESHAGIRI		14.03.17	
DEPT.	GRADE OF UN TOL DIM		SCALE	WEIGHT (Kg).	BH&L PO REF.NO:		ITEM No.
CODE	C/M/F		N.T.S.	~350			
TITLE				CARD CODE	DRAWING No.		REV
BW EQUAL TEE (OD219.1X47-SA182F92)				U 01	3-80-303-33484		01

DRAFTING No.

12.5

EP.AS PER DRG. NO:
3-80-300-19825
FIGURE-X, d1=600

650

38 (MIN)

OD676

+0.0
-3.2

+3.2
-0.0

ID600

38

R10 (THK)

+5.0
-0.0

62

30°

+3.2
-0.0

38 (THK)

+0.0
-3.2

ID600

OD676

EP.AS PER DRG. NO:
3-80-300-19825
FIGURE-X, d1=600

(TYP)

R10 (TYP)

30° (TYP)

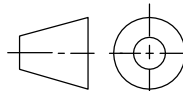
650

650

1300

38(min) (TYP)

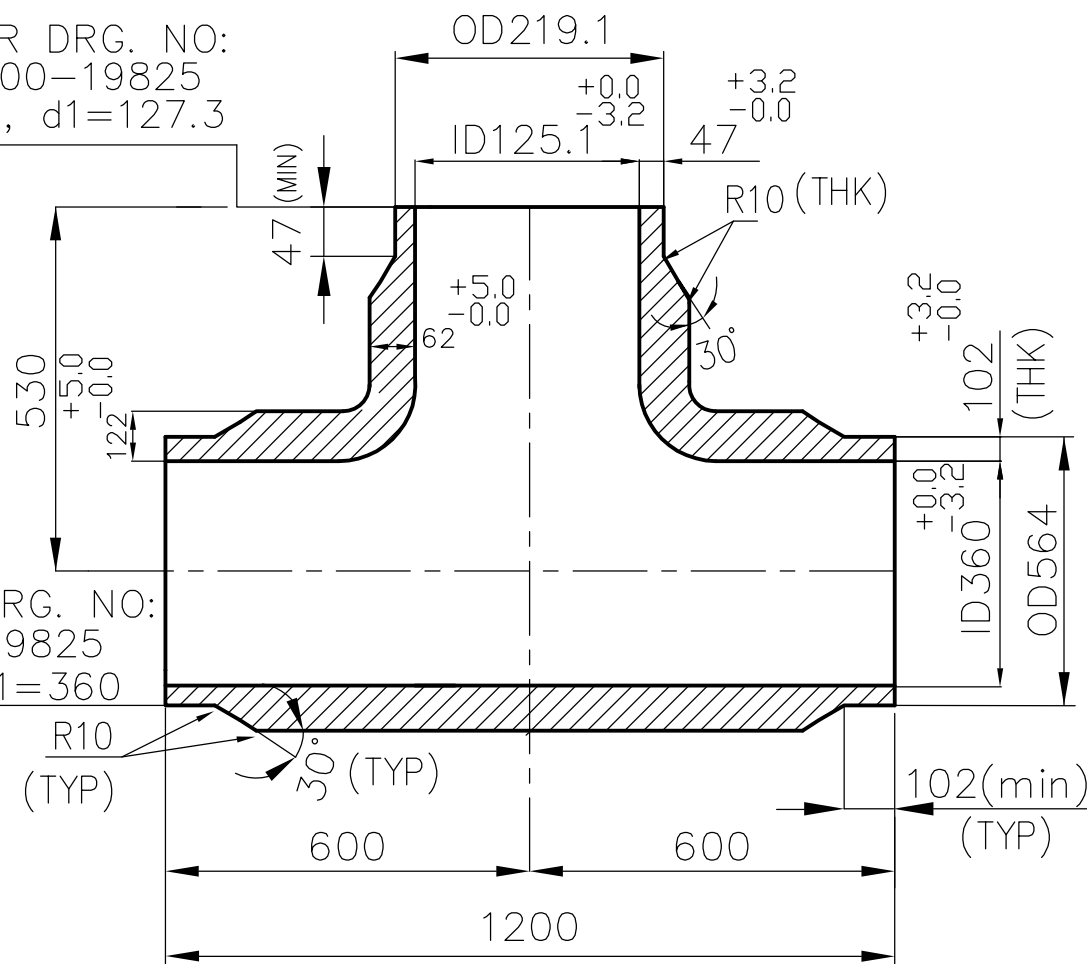
01. DESIGN PRESSURE : 71.2 kg/sq.cm.(g)
02. DESIGN TEMPERATURE : 608° C
03. ALL DIMENSIONS ARE FINISHED DIMENSIONS.
04. MANUFACTURING, INSPECTION AND TESTING SHALL BE AS PER IBR, ASME B16.9 AND SA182
05. FITTING TO COMPLY WITH ASME B16.9 AND DIMENSIONS ARE AS PER THIS DRAWING.
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07. WEIGHT GIVEN IN TITLE BLOCK IS INDICATIVE ONLY.
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08. CONSTRUCTION SHALL BE SEAMLESS

01	BW EQUAL TEE ID600X38	3-80-310-33485		92 505 147 0000 SA 182 F92	A	1000,000 1	
ITEM NO.	DESCRIPTION	DRAWING NO.	ITEM NO. VAR NO.	MATERIAL CODE MATERIAL SPEC.	A C	UNIT WT. QTY.	
TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT							
BHARAT HEAVY ELECTRICALS LTD., PIPING CENTRE, CHENNAI 600 017			DRN CHD APPD	NAME ARUN SHARMA KONDAPA NAIDU R.SESHAGIRI	SIGN	DATE 14.03.17 14.03.17 14.03.17	NO OF ITEMS
DEPT.	GRADE OF UN TOL. DIM		SCALE N.T.S.	WEIGHT (Kg). ~1325	BHEL PO REF.NO:		ITEM No.
CODE	C/M/F						
TITLE BW EQUAL TEE (ID600X38-SA182F92)				CARD CODE U 01	DRAWING No. 3-80-310-33485		REV 01

DRAWING No

R10

(TYP)



01. DESIGN PRESSURE : 297 kg/sq.cm.(g)
02. DESIGN TEMPERATURE : 608° C
03. ALL DIMENSIONS ARE FINISHED DIMENSIONS.
01. 04. MANUFACTURING, INSPECTION AND TESTING SHALL BE AS PER IBR, ASME B16.9 AND SA182
05. FITTING TO COMPLY WITH ASME B16.9 AND DIMENSIONS ARE AS PER THIS DRAWING.
06. FOLLOW TDG:104 (LATEST VERSION)
07. WEIGHT GIVEN IN TITLE BLOCK IS INDICATIVE ONLY.
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08. CONSTRUCTION SHALL BE SEAMLESS

[illegible]

DRA WING No

12.5

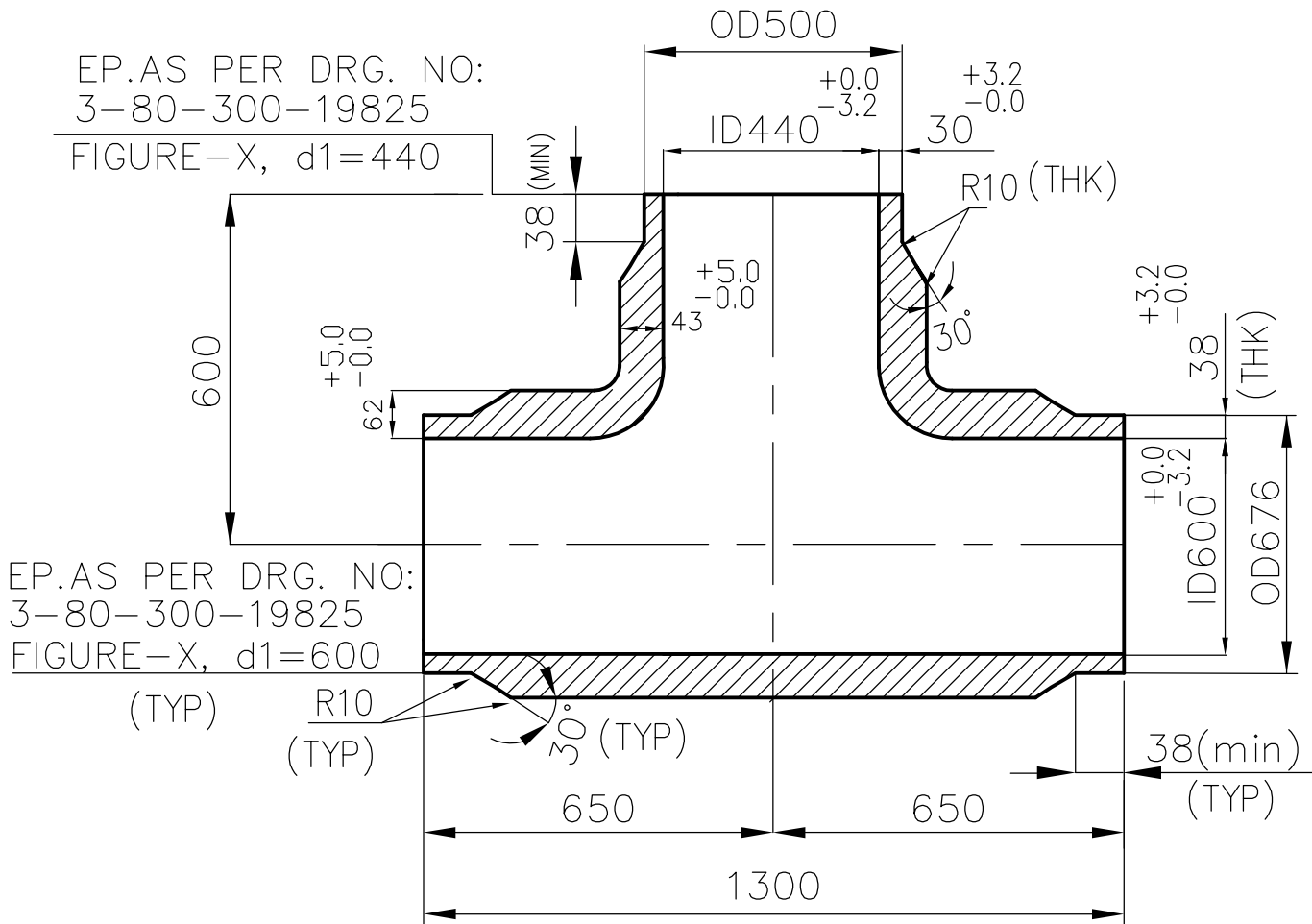
01. DESIGN PRESSURE : 297 kg/sq.cm.(g)
02. DESIGN TEMPERATURE : 608° C
03. ALL DIMENSIONS ARE FINISHED DIMENSIONS.
04. MANUFACTURING, INSPECTION AND TESTING SHALL BE AS PER IBR, ASME B16.9 AND SA182
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08. CONSTRUCTION SHALL BE SEAMLESS

SIZE A3

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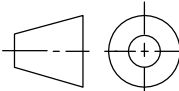
3-80-310-33486

DRAWING No



NOTES :-

01. DESIGN PRESSURE : 71.2 kg/sq.cm.(g)
02. DESIGN TEMPERATURE : 608° C
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05. FITTING TO COMPLY WITH ASME B16.9 AND DIMENSIONS ARE AS PER THIS DRAWING.
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07. WEIGHT GIVEN IN TITLE BLOCK IS INDICATIVE ONLY. VENDOR SHALL SUBMIT FINAL DRAWING WITH DIMENSIONS AND ACTUAL WEIGHT FOR APPROVAL BEFORE MANUFACTURING.
08. CONSTRUCTION SHALL BE SEAMLESS

01	BW UNEQUAL TEE ID600X38/ID440X30	3-80-310-33486	92 505 149 0000 SA 182 F92	A	900,000 1
ITEM NO.	DESCRIPTION	DRAWING NO.	ITEM NO. VAR NO.	MATERIAL CODE MATERIAL SPEC.	UNIT WT. QTY.
TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT					
 BHARAT HEAVY ELECTRICALS LTD., PIPING CENTRE, CHENNAI 600 017			DRN CHD APPD	NAME ARUN SHARMA KONDAPA NAIDU R.SESHAGIRI	SIGN DATE 14.03.17 14.03.17 14.03.17
DEPT.	GRADE OF UN TOL. DIM		SCALE N.T.S.	WEIGHT (Kg). ~960	BHEL PO REF.NO.
CODE	C/M/F				ITEM No.
TITLE BW EQUAL TEE (ID600X38/ID440X30-SA182F92)			CARD CODE U 01	DRAWING No. 3-80-310-33486	REV 01

REV 02	DATE	ALTD : APPD :	REV 01	DATE 19.08.17	ALTD : PRASANTH APPD : KONDAPA NAIDU
					NOTE NO:04 REVISED 01