

	BHARAT HEAVY ELECTRICALS LIMITED INDUSTRIAL VALVES PLANT 433, INDUSTRIAL COMPLEX GOINDWAL SAHIB DISTT. TARN TARAN- PUNJAB – 143422	No.BHEL:IVP: SC:Isolating Valve:AD 2016-17/02 Dated 17.10.2016
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NOTICE INVITING APPLICATIONS FOR REGISTRATION OF SUB CONTRACTORS

BHARAT HEAVY ELECTRICALS LIMITED [BHEL] is manufacturing Industrial Valves and other Boiler accessories at its Industrial Valves Plant, Goindwal Sahib unit. Isolating valves are new addition to BHEL IVP Goindwal product range. Machining Vendors are required for machining of various castings & components. Annual procurement value for FY 2016-17 – Rs 20 lac.

Expression of interest and applications for registration are invited from sub-contractors (BHEL encourages procurement from Micro and Small Enterprises (MSEs), MSEs are requested to apply for registration) for doing the machining job of various components of Isolating Valves. Major areas for which subcontractors are required are casting machining, VTL, Horizontal boring

Isolating Valves	Casting machining of body, bonnet, disc, cover and other machining components. List of components, where machining vendors are required, is attached herewith as Annexure-III. Sample drawings of some components are also attached.
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BHEL is looking for prospective Sub Contractors for above detailed job work for BHEL.

BHEL shall evaluate the vendors as per its established vendor selection, evaluation and registration procedure. Supplier registration form can also be downloaded from our website www.bhel.com available as a downloadable link at [http://www.bhel.com/vender_registration/pdf/Guidelines to Contractors SEARP2010Amdt_04for web edit.pdf](http://www.bhel.com/vender_registration/pdf/Guidelines_to_Contractors_SEARP2010Amdt_04for_web_edit.pdf)

BHEL invites such vendors to visit its above located plant on any working day from Monday to Saturday between 0930 Hrs to 1730 Hrs and contact undersigned for any clarification regarding:

Items details and requirement		Vendor registration form/procedure
Sumeet Bansal Manager (Sub Contracting)	Priksht Ravesh Sr. Engineer (Sub Contracting)	Sahil Malhotra Sr. Engineer (Sub-Contracting)
Phone: 01859-224647	01859-224644	01859-224669
Mobile: 098780 06105	098880 62649	098142 09180
E-mail: sb@bheliwp.in	priksht@bheliwp.in	sahil@bheliwp.in

Fax: 01859-222061

BHARAT HEAVY ELECTRICALS LIMITED INDUSTRIAL VALVES
PLANT, 433, INDUSTRIAL COMPLEX, GOINDWAL SAHIB,
DISTT. TARN TARAN, PUNJAB – 143 422

Isolating Valves - List of Items in which machining sources are required on Job work basis

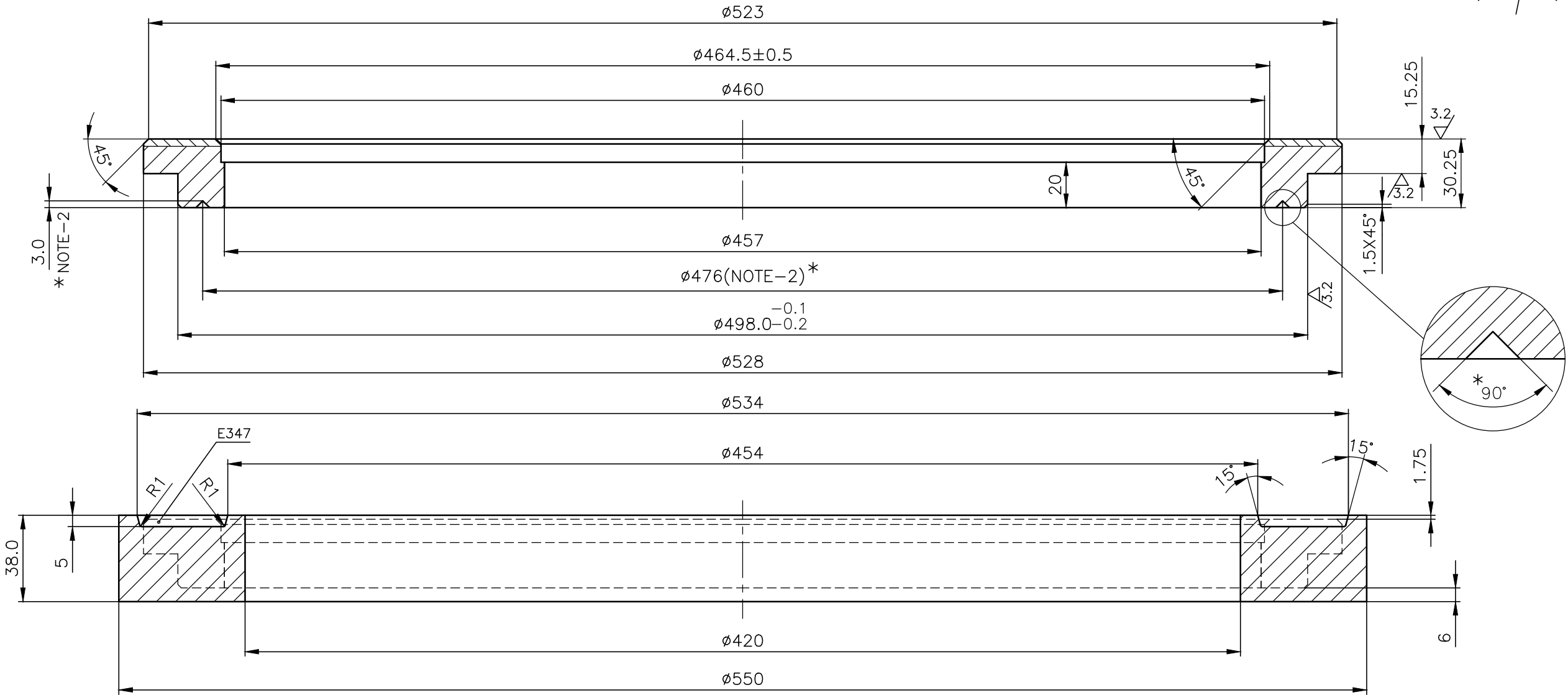
Annexure III

S.No	Gr. No	Product Area	Component Description	Description of Valve/ Product (Used in)
1	G2410	Isolating Valve	Body Machining	450-C500-CRHIV-BW-WCC
2	G2412	Isolating Valve	Adjusting Screw-3200/3202	450-C500-CRHIV-BW-WCB/750-C500-CRHIV-BW-WCC
3	G2413	Isolating Valve	Adjusting Screw-3202	750-C500-CRHIV-BW-WCC
4	G2414	Isolating Valve	Hex Domed Screw-3202	750-C600-CRHIV-BW-WCC
5	G2432	Isolating Valve	COVER SHEET	750-C600-CRHIV-BW-WCC
6	G2434	Isolating Valve	LOCATING SCREW-3200	450-C500-CRHIV-BW-WCB
7	G2469	Isolating Valve	DISK-3200	450-C500-CRHIV-BW-WCB
8	G2470	Isolating Valve	BONNET-3200	450-C500-CRHIV-BW-WCB
9	G2482	Isolating Valve	Cover-3208	550-C900-HRHIV-BW-WC9
10	G2483	Isolating Valve	Support Ring-3208	550-C900-HRHIV-BW-WC9
11	G2485	Isolating Valve	Seat Ring Rough	550-C900-HRHIV-BW-WC9
12	G2510	Isolating Valve	Bonnet Machining	550-C900-HRHIV-BW-WC9
13	G2517	Isolating Valve	Locking Plate-3200	450-C500-CRHIV-BW-WCB
14	G2518	Isolating Valve	Locking Plate-3208	550-C900-HRHIV-BW-WC9
15	G2520	Isolating Valve	Seat Ring final	550-C900-HRHIV-BW-WC9
16	G2530	Isolating Valve	Split Ring Assy-3200	450-C500-CRHIV-BW-WCB
17	G2531	Isolating Valve	Split Ring Assy-3208	550-C900-HRHIV-BW-WC9
18	G2470a	Isolating Valve	Bonnet	450-C900SPL-HRHIV-BW-WC9
19	G2414a	Isolating Valve	DOMED SCREW	450-C500-CRHIV-BW-WCB
20	G2578	Isolating Valve	BODY	550-C900-HRHIV-BW-WC9
21	G2573	Isolating Valve	SEAT RING Final	450-C500-CRHIV-BW-WCB
22	G2574	Isolating Valve	Body	500-C500-CRHIV-BW-WCC
23	G2575	Isolating Valve	Seat Ring Final	500-C500-CRHIV-BW-WCC
24	G2576	Isolating Valve	Seat Ring Rough	500-C500-CRHIV-BW-WCC
25	G2577	Isolating Valve	SPLIT RING	500-C500-CRHIV-BW-WCC

87572-0000-V-3

DRAWING NO.

12.5 / 3.2



ROUGH MACHINED

SL. No.	DRAWING NO.	COMP.CODE	MATL.SPECN.	SUGGESTED MIN. SIZE	RAW MATL. Wt.(kg)	SCRAP SORT	NET Wt.(kg)
01	3-V-3208-24578/02	93 168 888 0000	SA 387 GR.22 CERTIFY, NT	PL.40-560X560	102	20	9.90
02	3-V-3355-24578/01	93 202 463 0000	SA 515 GR.70 CERTIFY, NR	PL.40-560X560	102	10	9.90

NOTE:

01. DOTTED LINE INDICATES THE FINISH MACHINED PROFILE.

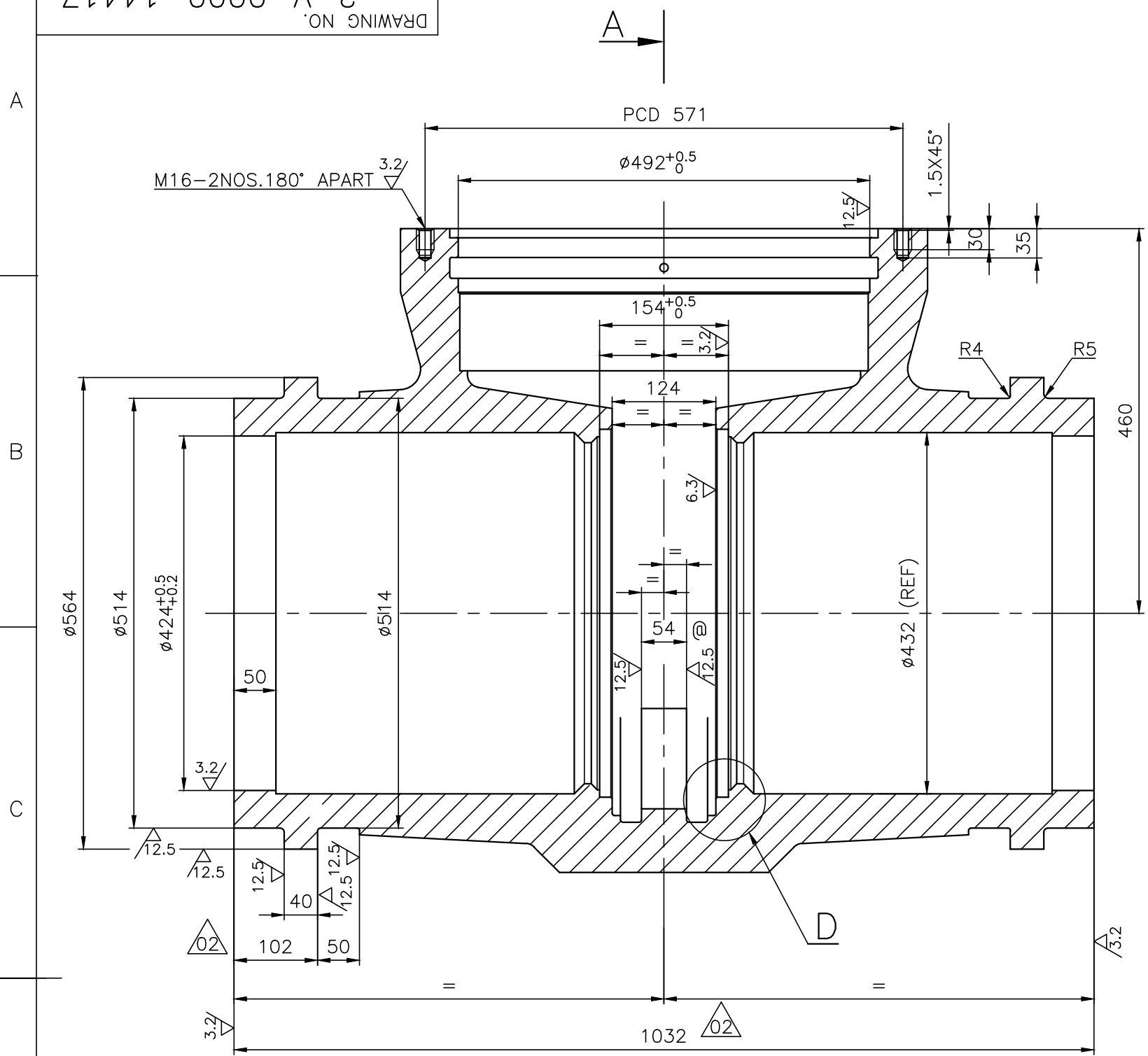
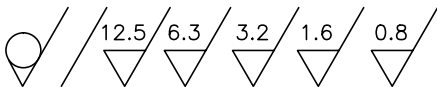
* 02. MATERIAL IDENTIFICATION MARK FOR SA387 GR.22 MATL. ONLY.

REV	DATE	ALTERED	A.AMALA
03	15.12.15	CHD & APPD	MS & SSK
SEATRING E347 INCLUDED			
DCP : 802053			

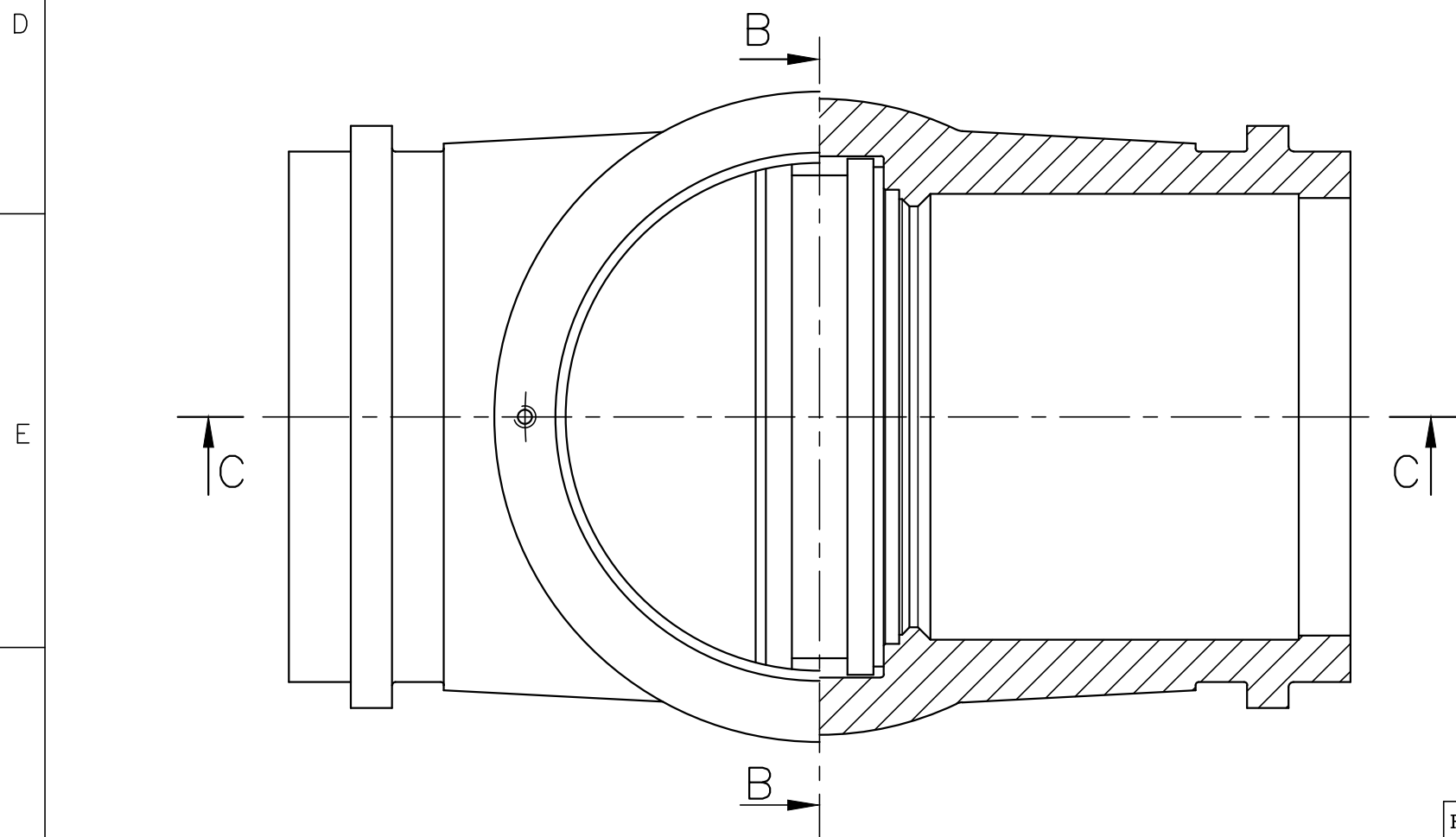
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NO OFF	DESCRIPTION	MATL CODE	MATL SPECN	HEAT TREATMENT	SCRAP SORT	NET WT (kg)	GROSS WT (kg)	DRAWING No	ITEM No
TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT									
DRAWING REDRAWN WITH REV 03 ON 15.12.2015									
Bharat Heavy Electricals Ltd. 365-121						DRN	NAME A.AMALA	SIGN	DATE 15.12.15
UNIT: HIGH PRESSURE BOILER PLANT. TIRUCHIRAPALLI-620014.						CHD	M.SRINIVASAN		15.12.15
						APPD	S.SATHEES		15.12.15
DEPT VL			SCALE NTS	WEIGHT (KG).	REFERENCE INFORMATION				NO. OF ITEMS
CODE 320				REF.TABLE	CAD :C324578				
TITLE SEATRING ASSY.						CARD CODE U 01	DRAWING NO. 3-V-0000-24578		REV 03

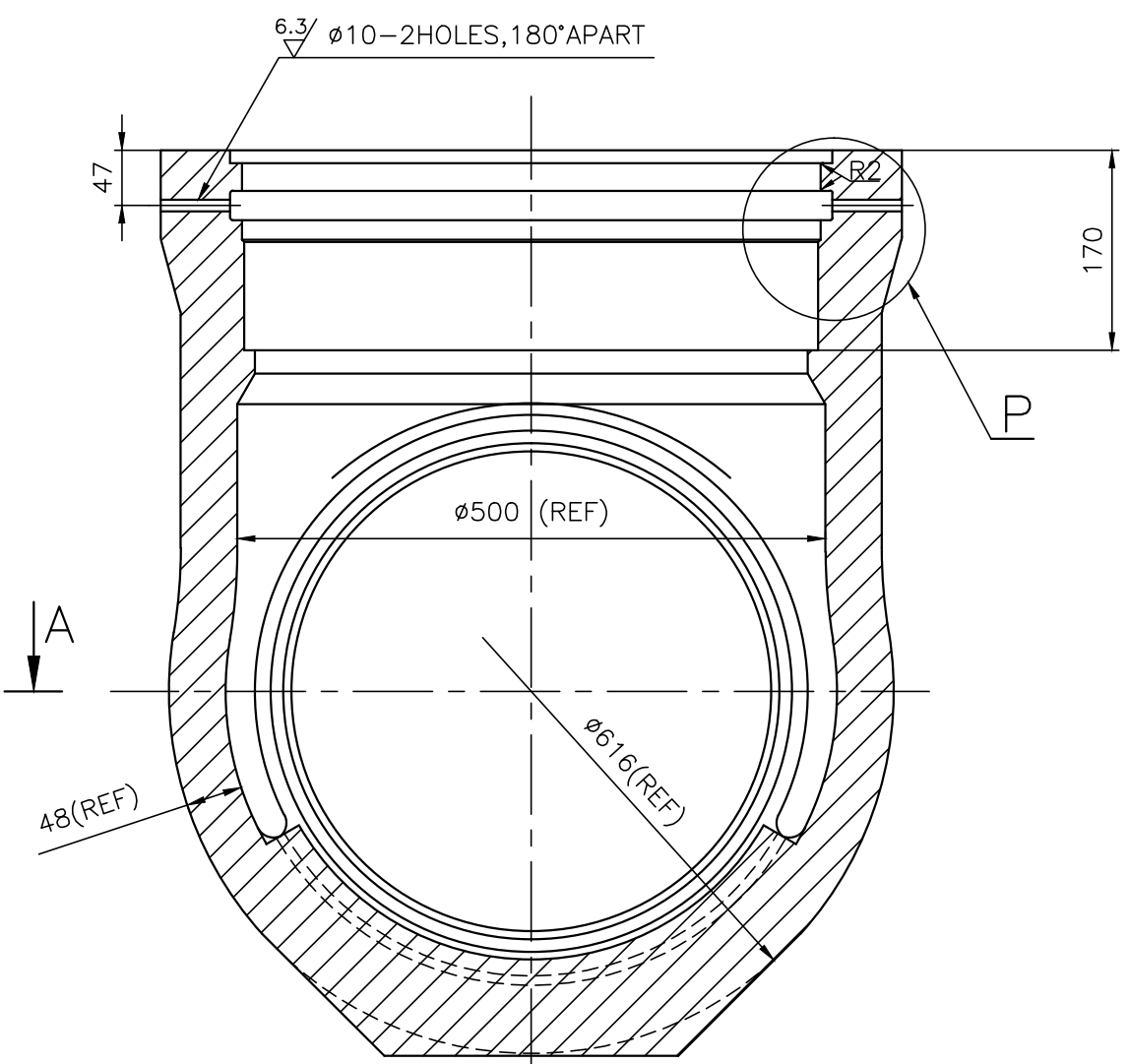
ALL DIMENSIONS ARE IN MILLIMETRES. FOR TOLERANCES OF UNTOLERANCED DIMENSIONS DURING MANUFACTURE REFER RELEVANT QCP / QP



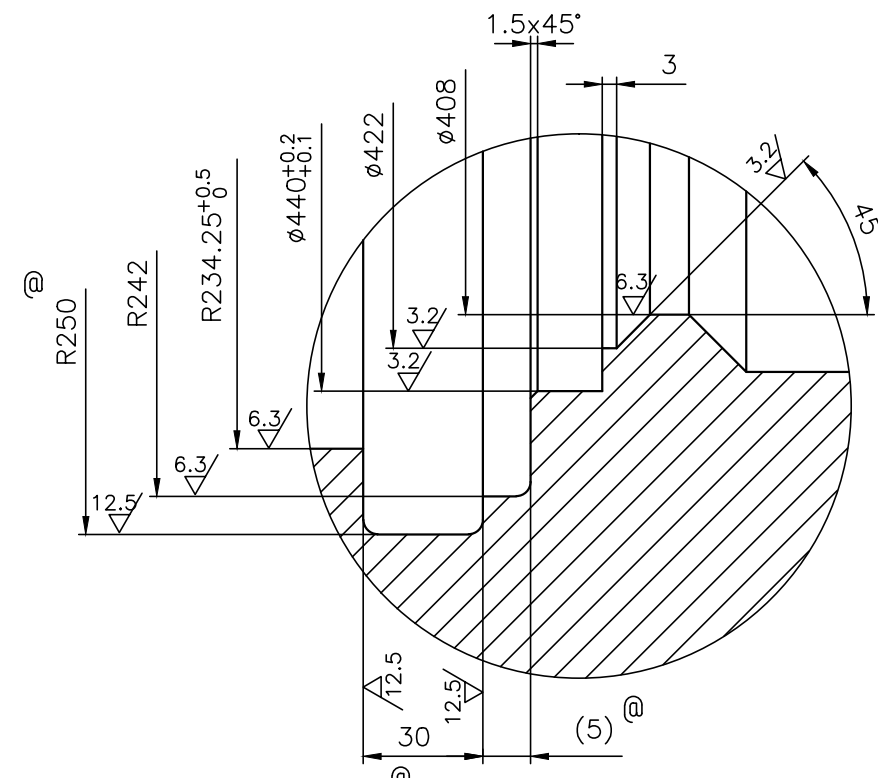
SECTION-CC



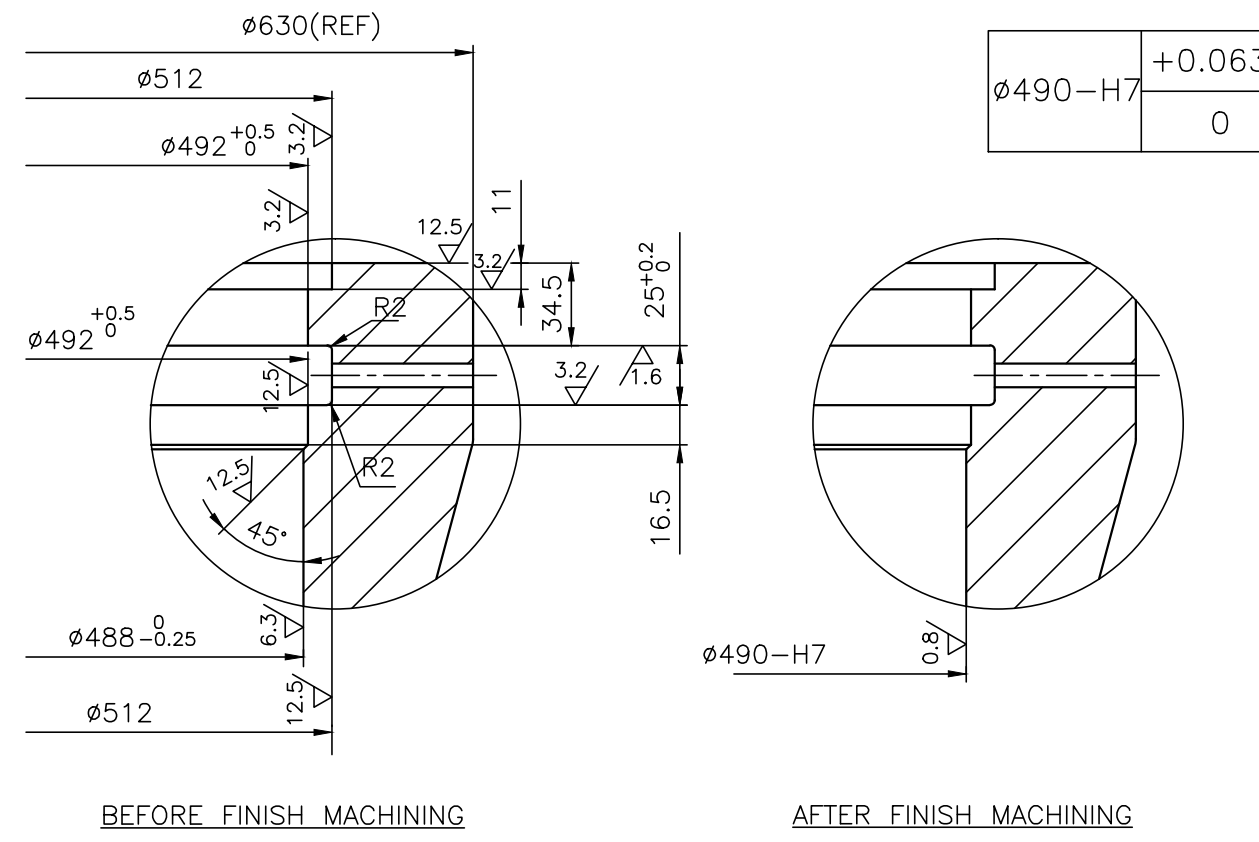
SECTION-AA



SECTION-BB



DETAIL-D



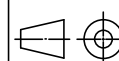
DETAIL-P

NOTE:—

2. ALLOWABLE DEVIATIONS FOR DIMENSION WITHOUT SPECIFIED TOLERANCE REFER: APPLICABLE QUALITY PROCEDURE.

Q2	CASTING	92027035	ASTM-A216 WCC-ATTEST	NORMALISED	10	818	915	2-V-3203-14417/2 931651370000	001
Q1	CASTING	92024690	ASTM-A217 WC9-ATTEST	NORMALISED TEMPERED	20	818	915	2-V-3201-14417/2 931650770000	001
SL No.	DESCRIPTION	MATL CODE	MATL SPECN	HEAT TREATMENT	SCRAP SORT	NET WT (kg)	GROSS WT (kg)	DRAWING No COMPONENT CODE	ITEM No

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TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT					DRN	NAME G.KRITHIKA	SIGN	DATE 20.03.09	NO.OF VAR.
 BHARAT HEAVY ELECTRICALS LTD., UNIT: HIGH PRESSURE BOILER PLANT. TIRUCHIRAPALLI -620014. 365-120					CHD	M.SRINIVASAN		20.03.09	
					APPD	P.BOOMINATHAN		20.03.09	
DEPT VL			SCALE	WEIGHT (KG).	REFERENCE INFORMATIONS				NO. OF ITEMS
CODE 320			NTS	REF. TABLE					
					CAD:REF:F214417				
TITLE				CARD CODE	DRAWING NO.				REV
BODY (500mm)				U 01	2-V-0000-14417				02

REV 02	DATE 21.12.13	ALTERED M.S CHD & APPD SSK & KRS	REV 01	DATE 18.08.09	ALTERED M.SRINIVASAN CHD & APPD M.RAJAKUMAR
	DIMENSION 1032 & 102 WERE 1028±2.0 & 100			DIMENSION 54, R250, 30 & (5) INCLUDED.	
	DCP:801664			DCP:800976	