



Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

MATERIALS MANAGEMENT

TITLE CORRIGENDUM for NIT_47739	Phone: +91 0431-2577849/2574035 Fax : 0431-2520464,2520383 Email : jjjohn@bhel.in
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	Reference Number: Enquiry 9621900054	Enquiry Date: 23.07.2019	Due date for submission of quotation: 16.09.2019
You are requested to quote the Enquiry number date and due date in all your correspondences. This is only a request for quotation and not an order			

CORRIGENDUM

Details of Corrigendum
<i>Inclusion of Drawings & Extension of due date</i>
All other terms and conditions as published in the NIT 47739 remain unaltered.

BHEL commercial terms & conditions with Price Bid formats and all annexure can be downloaded from BHEL web site <http://www.bhel.com> or from the Government tender website <http://tenders.gov.in> (public sector units) Bharat Heavy Electricals Limited) under enquiry reference “9621900054”

Tenders should reach us before 14:00 hours on the due date Technical bid will be opened at 14:30 hours on the due date Tenders would be opened in presence of the tenderers who have submitted their offers and who may like to be present.	Yours faithfully, For Bharat Heavy Electricals Limited
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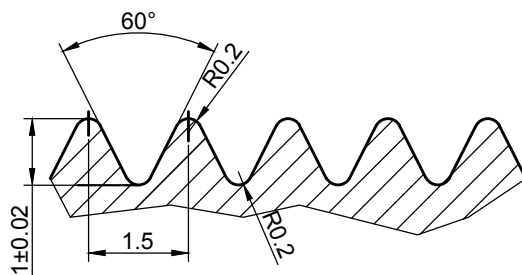
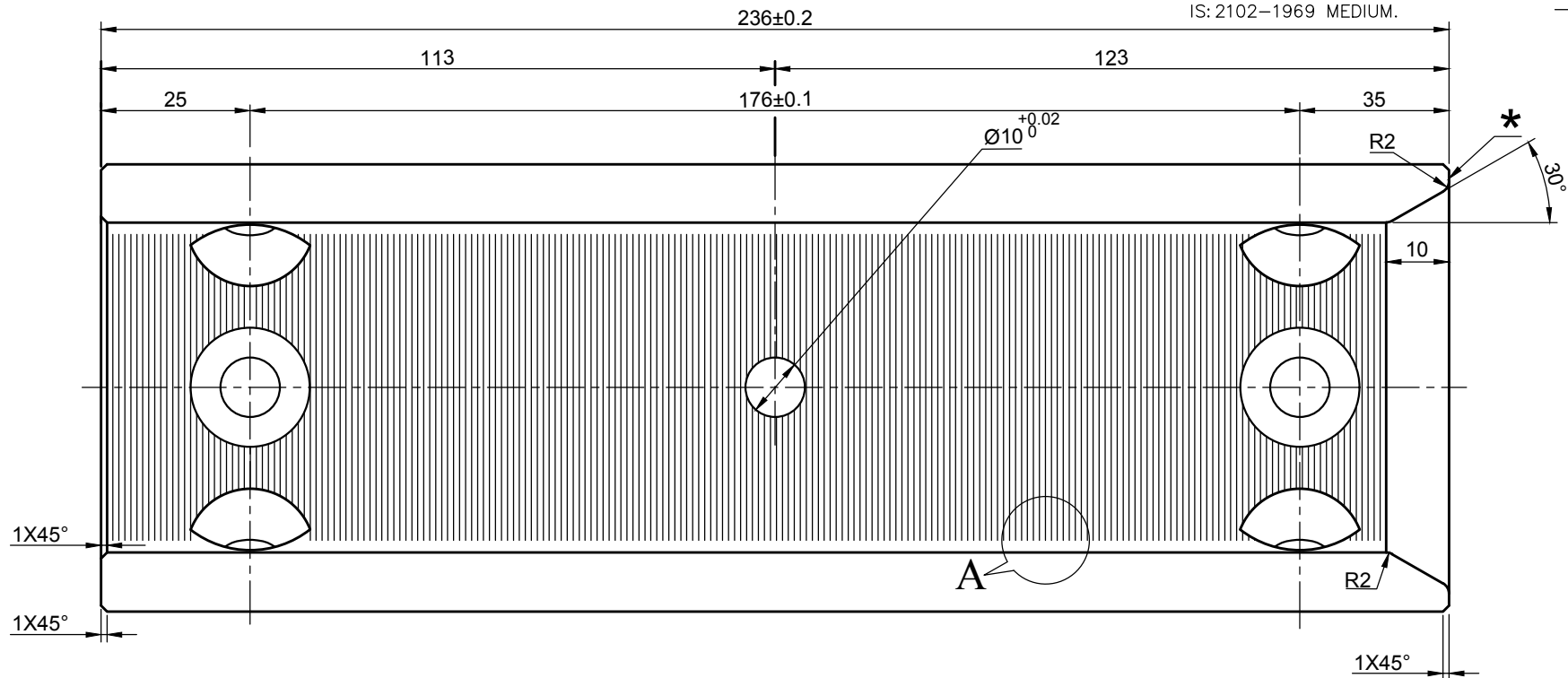
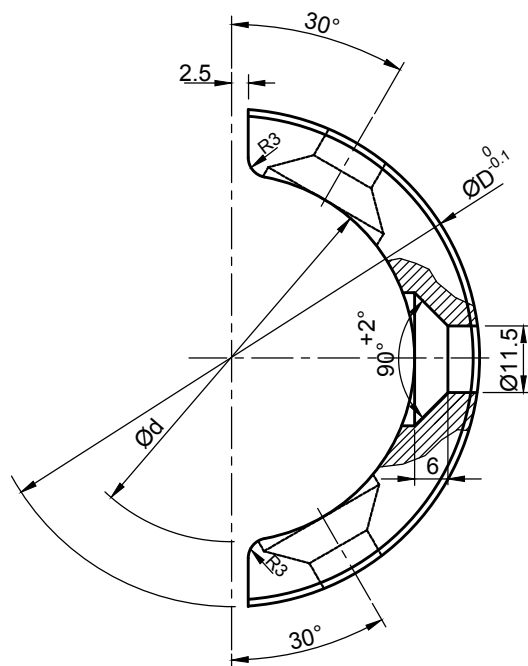
30-ST-212-01-525

DRAWING NO:

ALL DIMENSIONS ARE IN MILLIMETRES

DEVIATIONS OF UNTOLERANCED
DIMENSIONS TO BE AS PER
IS: 2102-1969 MEDIUM.

1.6



DETAIL-A
SCALE 10:1

NOTE TO SUPPLIER

- 01) MATERIAL CHEMISTRY-NABL ACCREDITED LAB TEST CERTIFICATE IS TO BE PROVIDED
- 02) HARDNESS & HEAT TREATMENT CERTIFICATE OBTAINED FROM THE HEAT TREATERS IS TO BE PROVIDED
- 03) LIQUID PENETRANT TEST TO BE CONDUCTED ON ENTIRE SURFACE AND SHALL BE CERTIFIED BY NDT LEVEL-2 QUALIFIED PERSONNEL AS PER SNT-TC-1A

* MARK : P O No.& FIRM NAME, AND JAW SIZE WITH 10mm METAL PUNCH

SL. No.	JAW SIZE	d	D	MATERIAL CODE No.	Wt/Kg
01	42.4	42.8	63	69 26 12 4240	1.25
02	44.5	44.9	65	69 26 12 4450	1.5
03	47.63	48.1	68	69 26 12 4763	1.7
04	48.3	48.7	68	69 26 12 4830	1.85
05	51	51.4	71	69 26 12 5100	2.0
06	54	54.4	74	69 26 12 5400	2.2
07	55	55.4	75	69 26 12 5500	2.5
08	57	57.4	77	69 26 12 5700	2.6
09	60.3	60.7	81	69 26 12 6030	2.8
10	63.5	63.9	84	69 26 12 6350	2.85
11	70	70.4	90	69 26 12 7000	3.0
12	73	73.4	93	69 26 12 7300	3.1
13	76.1	76.5	91	69 26 12 7610	3.2
14	82.5	82.9	95	69 26 12 8250	3.5
15	88.9	89.3	101	69 26 12 8890	3.8

ANY ONE OF THE FOLLOWING MATERIAL SHALL BE USED

SL No.	MATERIAL	CHEMICAL COMPOSITION							
		C	Si	Mn	Cr	P	S	Mo	V
01	XT215Cr12 (IS:3748-1990)	2.0 2.3	0.10 0.35	0.25 0.50	11.0 13.0	0.035MAX.	0.035MAX.	0.80MAX. OPTIONAL	0.080MAX. OPTIONAL
02	X210Cr12 (DIN 1.2080)	1.9 2.0	0.2 0.4	0.2 0.4	11.0 12.0	0.035MAX.	0.035MAX.	-	-

HARDEN & TEMPER TO 50-55 HRC

REV 01	DATE 09.08.13	ALTERED APPROVED	R.Kumar
SL.No. 15 ADDED(Ø88.9)			
REV 02	DATE 04.02.2015	ALTERED APPROVED	R.Kumar
DIMN.236 WAS 226, DIMN.123 WAS 113 DIMN.35 WAS 25.			

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.

ITEM NO	DESCRIPTION	DRAWING NO	MATL CODE	UNIT WT
			MATL SPEC	QTY
EQPT:				
Bharat Heavy Electricals Ltd SEAMLESS STEEL TUBE PLANT TIRUCHIRAPALLI - 620014		DRN	NAME R.KUMAR	
		CHD	SIGNATURE R.Kumar	
		APPD	DATE 17.06.14	
DEPT SSTP	GRADE OF UNTOL. DIM Ø/M/F IS: 2102	SCALE 1:1	WEIGHT (Kg) SEE IN TABLE	REF TO ASSY DWG NO 30-ST-212-01-523
CODE 456				REF TO OLD DWG NO PPM 150_T_15_02 TO 28_02
TITLE PP SLEEVE FOR NEW POINTING M/C (DIA 42.40-88.90)			CARD CODE U 01	DRAWING NO : 30-ST-212-01-525
				REV 02

A3-SIZE

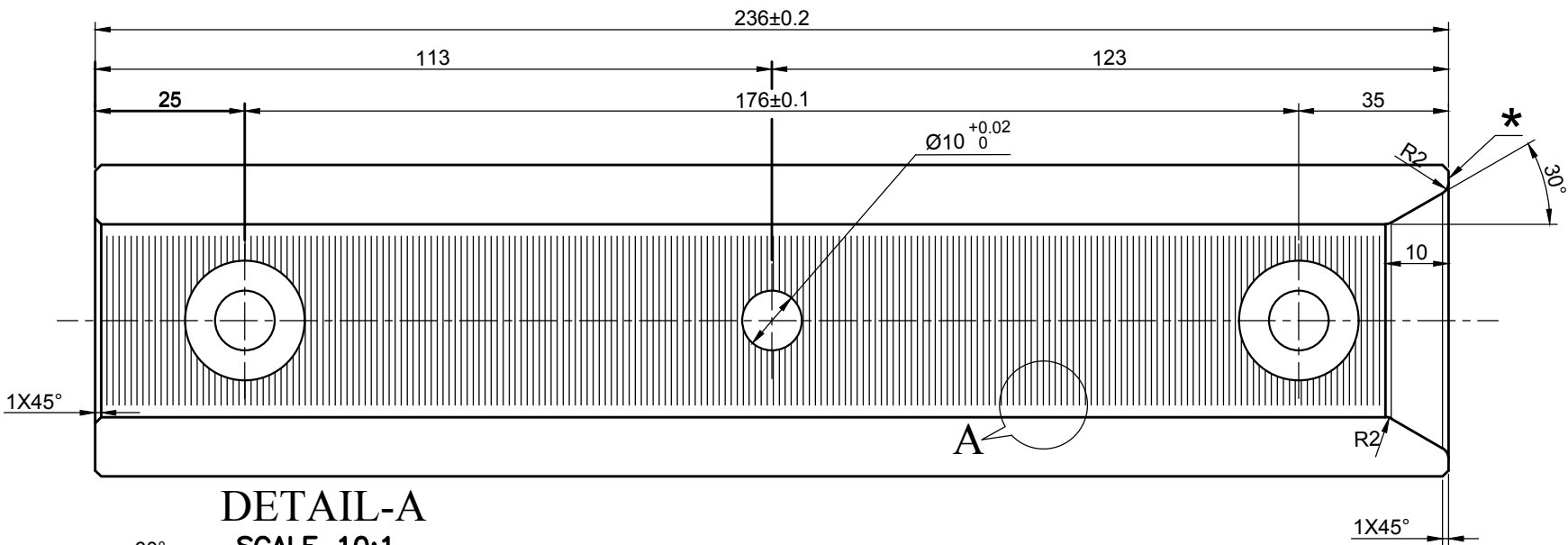
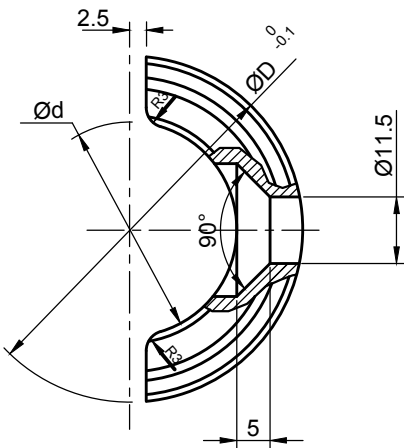
30-ST-212-01-522

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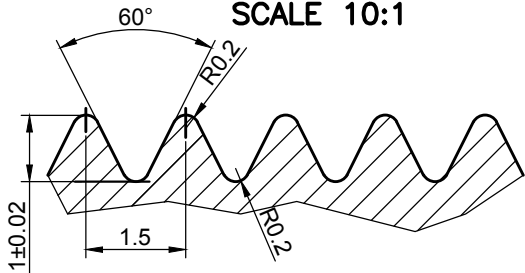
ALL DIMENSIONS ARE IN MILLIMETRES

DEVIATIONS OF UNTOLERANCED DIMENSIONS TO BE AS PER IS: 2102-1969 MEDIUM.

1.6



DETAIL-A
SCALE 10:1



SL. No.	JAW SIZE	d	D	MATERIAL CODE No.	Wt/Kg
01	21.3	21.5	42	69 26 12 2130	0.82
02	26.7	26.9	47	69 26 12 2670	0.85
03	31.8	32	52	69 26 12 3180	0.87
04	32	32.2	52	69 26 12 3200	0.9
05	33.4	33.6	54	69 26 12 3340	0.92
06	36	36.2	56	69 26 12 3600	0.95
07	38.1	38.3	58	69 26 12 3810	1.0

ANY ONE OF THE FOLLOWING MATERIAL SHALL BE USED

SL No.	MATERIAL	CHEMICAL COMPOSITION							
		C	Si	Mn	Cr	P	S	Mo	V
01	XT215Cr12 (IS:3748-1990)	2.0 2.3	0.10 0.35	0.25 0.50	11.0 13.0	0.035MAX.	0.035MAX.	0.80MAX. OPTIONAL	0.080MAX. OPTIONAL
02	X210Cr12 (DIN 1.2080)	1.9 2.0	0.2 0.4	0.2 0.4	11.0 12.0	0.035MAX.	0.035MAX.	-	-

HARDEN & TEMPER TO 50-55 HRC

REV	DATE	ALTERED	CHECKED	APPROVED
01	04.02.2015			
DIMN.35 WAS 25, DIMN.123 WAS 113 DIMN.236 WAS 226,				

NOTE TO SUPPLIER

- 01) MATERIAL CHEMISTRY-NABL ACCREDITED LAB TEST CERTIFICATE IS TO BE PROVIDED
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			MATL SPEC	QTY
EQPT:				
Bharat Heavy Electricals Ltd SEAMLESS STEEL TUBE PLANT TIRUCHIRAPALLI - 620014		DRN	NAME R.KUMAR SIGNATURE R.Kumar DATE 17.06.14	
DEPT SSTP	GRADE OF UNTOL. DIM φ/M/F IS: 2102	SCALE 1:1	WEIGHT (Kg) SEE IN TABLE	REF TO ASSY DWG NO 30-ST-21-01-520 REF TO OLD DWG NO PPM 150_T_08_02 TO 14_02
CODE 456	TITLE P P SLEEVE FOR NEW POINTING M/C (DIA 21.30-38.10)	CARD CODE U 01	DRAWING NO : 30-ST-212-01-522	ITEM 02 REV 01

A3-SIZE