

BHEL BHOPAL	SPECIFIC CONFIRMATIONS REQUIRED FROM SUPPLIER	CHECKLIST TO PI- <u>241101035</u>
B F V B O D Y & D O O R		
S.No.	TECHNICAL REQUIREMENTS	CONFIRMATIONS/COMMENTS OF SUPPLIER (YES/NO)

01.a	MATERIAL OF CONSTRUCTION AUSTENITIC DUCTILE IRON CASTING TO ASTM A-439 ELEMENT D2 AND HEAT TREATED (HT) TO SPECIFICATION.	 YES/NO
01.b	HT TO BE CARRIED OUT BY INHOUSE CALIBRATED FURNACE	 YES/NO
02	SIZE & QUANTITY - AS PER BHEL ENQUIRY	 YES/NO
03	NON DESTRUCTIVE TESTING	
3.1	AFTER HT, 100% DPT TO BE CARRIED OUT ON ALL EXPOSED MACHINED SURFACE BY ISNT / ASNT APPROVED NDT LEVEL-II PERSON OUT OF WHICH 10% (SELECTED AT RANDOM BY BHEL-IA) REQUIRED TO BE WITNESSED BY BHEL-IA.	 YES/NO
3.2	ALL CASTING WILL BE TESTED BY HORSE SHOE MAGNET TO ENSURE ITS NON-MAGNETIC PROPERTIES.	 YES/NO
04	MECHANICAL TEST ON TEST SAMPLE AS PER SPECIFICATION A-439 ELEMENT D-2	 YES/NO
05	CHEMICAL TEST	
5.1	AT MOLTEN STAGE	 YES/NO
5.2	PRODUCT ANALYSIS (TEST SAMPLE)	 YES/NO
5.3	FINISH PRODUCT	 YES/NO
06	INSPECTION : BY BHEL TPJA AS PER QAP (CDE-20-3347)	 YES/NO
07	ACCEPTANCE CRITERIA OF SURFACE FINISH SHALL BE AS PER ANSI/MSS SP-55 OR BETTER.	 YES/NO
08	ALL TECHNICAL POINTS AS MENTIONED IN <u>ANNEXURE-A</u> OF ENQUIRY SHALL BE COMPLIED.	 YES/NO
09	DEVIATION FROM BHEL REQUIREMENTS TO BE MENTIONED CLEARLY, OTHERWISE IT WILL BE PRESUMED THAT THE OFFER IS IN LINE WITH OUR REQUIREMENTS.	

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- Note :* (1) **Repair of casting (if any) to be done with prior permission from BHEL.**
- (2) **Chemical & mechanical test shall be carried out at Lab duly approved by NABL. In case of in house instruments shall be used for it, same required to be calibrated by NABL approved agency with valid calibration record. In house spectrometer (calibrated by OEM with valid calibration record) can also be used for chemical test.**
- (3) **For conflict if any between this checklist and other enquiry documents, this checklist shall govern finally.**

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