

## QUALITY PLAN FOR CAPITAL MACHINE TOOLS

BHEL QC-178			NAME OF SUPPLIER-----NAME OF EQUIPMENT----- - Q.P NO.-----REV NO.-----INDENT NO----- SPECIFICATION NO.-----REV NO.-----						SHEET-----OF----- * P-PERFORMANCE      1.BHEL REP W-WITNESSED BY      2.VENDOR V-VERIFIED BY      3.SUB - VENDOR FINALLY TO BE REVIEWED BY BHEL HARDWAR			
SL. NO.	MAJOR COMPONENTS / SUB ASSEMBLIES	DETAILS OF COMPONENTS GOING IN THE ASSLY 'COL-2'	CLASSIFICATION MATERIAL GRADES	TYPE OF CHECKS (SEE DETAILS AT ANNEX-I)	QUANTUM OF TEST REFERENCE DOCUMENT FOR TESTING	REFERENCE DOCUMENT FOR TESTING	ACCEPTENCE NORMS	FORMAT OF RECORDS	AGENCY FOR TESTING (TO BE PROPOSED BY VENDOR)*			REMARKS
1	2	3	4	5	6	7	8	9	10	11	12	13

**Prepared by:**  
 (Signature and seal of the Head of  
 Quality Management Of Supplier's works)  
**NOTE: Annexure-I is enclosed herewith**

**Approved by:**  
**BHEL Hardwar**  
 (Signature & Seal of Approving Authority)

### TYPE OF CHECK FOR COL. NO. 5

Code	Description	Code	Description
1.	Visual	17.	No Load / Free running Test
2.	Dimensional	18.	Load / Over Load Test
3.	Fitment and alignment	19.	Measurement of speed / RPM
4.	Physical Test (Sample)	20.	Surface Finishing
5.	Chemical Test (Sample)	21.	Manufacturing Test Certificate for Bought
6.	Ultrasonic Test (UT)		Out Items (BOIs)
7.	Magnetic Particle Test (MPI)	22.	Internal Inspection Report by Contractor
8.	Radiography Test (RT)	23.	Hardness Test
9.	Dye Penetration Test (DPT)	24.	Acoustical Test
10.	Welder's Qualification Test	25.	High Voltage (HV) Test
11.	Heat Treatment	26.	Megger Test
12.	Pressure Test Leakage Test Balancing	27.	Circuit / Continuity Check
13.	Leakage	28.	Simulation Checking
14.	balancing	29.	Any other relevant tests to Assure the
15.	Vibration Test		performance of the Equipment
16.	Performance	30.	Proof Testing at BHEL Hardwar