




PRESSURE DISC to DRAWING NO 172.23.077

Sl no.	Nomenclature & drawing No.	Manufacturing technology & Testing / Inspection Facilities required to produce the item		Must be possessed by the vendor in his premises (P&M list and testing / inspection equipment list to be submitted)	May be possessed by the vendor in his premises or out sourced (Self declaration to be submitted)	FIRM Compliance (Y/N)	Remarks
1	Pressure Disc to Drg No. 172.23.077	TECHNOLOGY-1	Turning	CNC Turning machine suitable to accommodate components upto dia 100mm diameter with 0.010mm accuracy			
			Grinding	Internal/ External /Surface grinding machine as per component requirement upto 0.010mm accuracy			
		TECHNOLOGY-2	Heat Treatment		Micro case hardening, Carburising, Hardening & Tempering furnace with Oil quenching facility suitable to the component		
			Protection coating		Oxidising Plant suitable to the component		
		TECHNOLOGY-3	Raw material		Firm should be capable to arrange the raw material forging as per drawing specification and standard		



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1	Pressure Disc to Drg. No. 172.23.077	TEST / INSPECTION-1	3D CMM		3D CMM 300 x 300 mm		
			Surface Roughness Tester		Surface Roughness Tester for Ra & Rz values		
			Gauges	Standard Gauges for checking Holes suitable to the requirement of the components. Firm should submit the undertaking in this regard that they will create the facilities within ^{three} 3 months from the date of receipt of order.			
			Measuring Instruments	Vernier Caliper, Micrometer, Radius gauge, Feeler Gauge etc. suitable to the requirement of the component			
		TEST / INSPECTION-2	Hardness measurement		Brinell / Rockwell Hardness Tester		

Note : Justification for alternate facilities may be shared to prove that alternate facilities can be utilised to manufacture the item wherever the facilities are mentioned above are not available, but vendor has alternate facilities.


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