

**VQC for Driving Disc Assy (T-90) to Drg. No. 188.41.006CB**

No. & drawing No.	Nomenclature	Manufacturing technology & Testing / Inspection Facilities required to produce the item	Essential (To be possessed by the vendor in his premises)(P & M list and testing / inspection equipment list to be submitted)	Desirable (May be possess by the vendor in his premises or out sourced)(Self declaration to be submitted)	FIRM Compliance (Y/N)	Remarks
1	TECHNOLOGY-1	TURNING	Turning machine Dia.300 with 0.020mm accuracy	CNC VMC 400 x 500 with 0.020mm accuracy		
2	TECHNOLOGY-2	DRILLING		Gear shaping machine Dia.300 x Stroke height 20mm or more, module 3 or more which can able to produce internal gears up to 150mm		
3	TECHNOLOGY-3	GEAR CUTTING		Surface grinder capacity Dia.300mm with 0.005mm accuracy		
4	TECHNOLOGY-4	SURFACE GRINDING		Firm should have the sintering facility for making different ceramic clutch plates.		
5	TECHNOLOGY-5	SINTERING		Hardening & Tempering		
6	TECHNOLOGY-6	RIVETTING	Special designed Fixture for riveting shall be positioned after placement of supply order. Undertaking shall be submitted by the firm.	Zinc chromating 12 micron		
7	TECHNOLOGY-7	HEAT TREATMENT		Coordinate measuring machine 300x300mm with MPE (Maximum permissible error) 3.5+L/350mm or better.		
8	TECHNOLOGY-8	SURFACE COATING		All testing facility Chemical, mechanical and physical properties with certification as per component requirement.		
9	TEST / INSP-1	INSPECTION	Surface Table Gear measuring Gages, Receiver gauges shall be positioned after placement of supply order. Undertaking shall be submitted by the firm.			
10	TEST / INSP-2	INSPECTION				

**Note:**

- 1) The Firm may indicate the Alternate Machines / Process by which the Component can be manufactured as per the Spec. mentioned in the Drawing.
- 2) The Firm may indicate the Machines and Facilities available at Vendors' premises for the Process mentioned under "Desirable" column.

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02/22