

TA section letter No. 6005/VQC/TA/FORGING/2023-24 Dt 06/02/2024


Sl.No	Nomenclature and Drg.No.	Manufacturing Technology & Testing/ Inspection facilities required to produce the item		Must be possessed by the Vendor in his own premises (List of Plant and Machinery and Testing /Inspection facility to be submitted)	May be possessed by the Vendor in his own premises or may be Outsourced (Name and Address of sub-contractor ,list of plant and Machinery and Testing /Inspection facility to be submitted)
1)	1)172.43.006 Planet Pinion LF no 3906404013 ✓ 2)175.45.023-1/024-1 Bushing upper/lower LF no 3906406185 ✓ 3)172.40.142/F Body ring rear LF no 3906401043 ✓	Technology 1	Metal Cutting	Band saw or Circular Saw or Shearing machine	
		Technology 2	Metal Heating	Bogie or Batch type Gas fired or Oil Fired or Induction furnace max temperature 1200 deg C	
		Technology 3	Forging, Trimming & piercing	1. Min 1 T capacity Belt drop or Pneumatic or Hydraulic Hammer for Pre forging and Die-Forging 2. Trimming using suitable Power press min 100 T capacity.	
		Technology 4	Heat Treatment		HT furnaces for normalizing, Hardening/Tempering
		Technology 5	Shot Blasting		shot Blasting facility required to accommodate the size of jobs
		Technology 6	Die		Die manufacturing facility suitable CAD/CAM facility.
		Test/Inspection 1	Fixtures /Gauges/Testing Instruments	Magnetic particle testing facility(Spectrometer, Rockwell BHN, UTM, Impact and Metallographic ultra sound test) Visual Inspection facility Firm has to develop as per Specification/Drawings and have to submit undertaking for the same	

Note: 1. If the firm is not having the above facility and able to make components with alternate methods, the details of methods to be submitted during participation in Tender for validation and acceptance, if found suitable.

2. Facilities must be available with vendor own premises including facilities available with sister/parent concern/strategic partners.

3. Firm should give undertaking that they will develop all the testing facility as per QA/Ty if they get order.


JWM/QA(ML)
(B.CHIRANJEEVULU)


JWM/FS
(S.SATHYAVELAN)


JTGM/CA,TRG,FS
(ANIMESH PAIK)

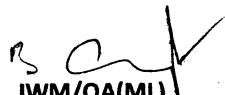
JWM/FS
Pr. Animesh Paik

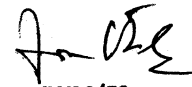
Sl.No	Nomenclature and Drg.No.	Manufacturing Technology & Testing/ Inspection facilities required to produce the item		Must be possessed by the Vendor in his own premises (List of Plant and Machinery and Testing /Inspection facility to be submitted)	May be possessed by the Vendor in his own premises or may be Outsourced (Name and Address of sub-contractor ,list of plant and Machinery and Testing /Inspection facility to be submitted)
1) 172.18.013/F Carrier LF no 3906203040 2) 172.43.002/F Gear Washer LF no 3906414016 ✓ 3) 172.56.004-A/F Plug LF no 3906416033 ✓ 4) 172.52.126/PL Holder LF no 3906861043 ✓ 5) 172.40.025/F Pinion Planet LF no 3906401033 ✓ 6) 188.10.007-2/F Bracket LF no 3901010022 ✓ 7) 188.11.026/F Cover plate Forging LF no 3901011042 ✓ 8) 447.21.036-1/F Collar Forging LF no 3901021110 ✓	Technology 1	Metal Cutting		Band saw or Circular Saw or Shearing machine	
	Technology 2	Metal Heating		Bogie or Batch type Gas fired or Oil Fired or Induction furnace max temperature 1200 deg C	
	Technology 3	Forging, Trimming & piercing		1. Min 0.5 T capacity Belt drop or Pneumatic or Hydraulic Hammer for Pre forging and Die-Forging 2. Trimming using suitable Power press min 100 T capacity.	
	Technology 4	Heat Treatment			HT furnaces for normalizing, Hardening/Tempering
	Technology 5	Shot Blasting			shot Blasting facility required to accommodate the size of jobs
	Technology 6	Die			Die manufacturing facility suitable CAD/CAM facility.
	Test/Inspection 1	Fixtures /Gauges/Testing Instruments			Magnetic particle testing facility(Spectrometer, Rockwell BHN, UTM, Impact and Metallographic ultra sound test) Visual Inspection facility Firm has to develop as per Specification/Drawings and have to submit undertaking for the same.

Note: 1. If the firm is not having the above facility and able to make components with alternate methods, the details of methods to be submitted during participation in Tender for validation and acceptance, if found suitable.

2. Facilities must be available with vendor own premises including facilities available with sister/parent concern/strategic partners.

3. Firm should give undertaking that they will develop all the testing facility as per QA/Ty if they get order.


JWM/QA(ML)
(B.CHIRANJEEVULU)


JWM/FS
(S.SATHYAVELAN)


JTGM/CA,TRG,FS
(ANIMESH PAIK)