

PRE-QUALIFICATION CRITERIA FOR PUBLISHING IN ADVANCE VENDOR REGISTRATION(AVR-8)

Ref: GM Sanction ltr No. EFA/MM/OTE/Make-II/PQC dtd 12.03.2021

Item details

L F No.	6211051000
Nomenclature	Piston with Ring
Drawing Number	Sb 3304-01-8

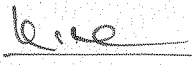
Mandatory Requirements


1. Firm should be in-line with manufacturing of Pistons and supplies to leading Indian/global Automobile/heavy engineering industry with a proven track record.
2. Should have tie-up with reliable source for procurement of Aluminum & Steel raw material, as specified in drawings.
3. In-house manufacturing facility which include Forging of Aluminum pistons, heat treatment facilities, standard CNC Turning centers and CNC Machining Centers or automated lines specifically designed for manufacturing of Pistons for IC Engines.
4. Firm should also have 3D CMMs, Profile Projectors and checking of tangential load for rings.
5. The complete inspection facility for Pistons and Rings should be available in-house.
6. Firm should have traceability of all its production & supplies to facilitate proper investigation if a product lot is found defective
7. Firm should practice modern methods in preservation of raw material, transportation and preservation of finished goods and packing and forwarding of stores to EFA to avoid any damage or rusting to Pistons and Rings
8. The firm should carry out thorough study of drgs and specifications and submit a quality plan.
9. The firm should have tie-up with Labs for radiographic tests to detect cracks and porosity.
10. Alternate power source like a Power generator to continue production in case of power outage


Optional Requirement

1. Firm may be ISO 9000, 14000 certified with valid certificate
2. In-house facility for coating of Pistons after machining


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Approved/ ~~Not approved~~

Approved/~~Not approved~~


AGM/MM 3/06/21


AGM/QC 19/4/21