

CASTING AVR
Vendor Qualification Criteria for Non-Ferrous Casting

Sl.No.	Short Description	Essential Core Competency (All supporting document proof to be submitted)	In house or Tie Up required (Tie up document proof to be submitted)
1	Non Ferrrous Casting	<p>Melting: Medium frequency Induction Furnace / Skelnar / Hearth / Reverberatory Heat resistance type furnace with silicon carbide tubes / Heating elements (Melding capacity : Minimum 0.5 MT Furnace)</p> <p>Moulding: Hand Moulding / CO2 moulding (Phynalic / Sodium silicate), 2 part / 3 part Resign System.</p> <p>Metal Moulds (Die Casting): Gravity Die Casting / Pressure Die Casting / Low Pressure Die Casting</p> <p>De-gassing equipment : Rotary De-gasser Manual / Continuous Sand Mixer.</p> <p>Core Shop: Machine / Manual making</p> <p>Sand Testing Facilities: GCS, Moisture, Permeability, Mould hardness, Core hardness</p> <p>Chemical Test Facility: Spectrometer / Ferro Lab for Carbon and Silicon analysis.</p> <p>Dimensional Checking: 2D Measuring instruments and gauges.</p> <p>Temperature checking : Suitable Pyrometer Abrasive Blasting / Shot Blasting</p>	Pattern making, Heat Treatment, Mechanical Test facility, Dimensional Checking, 3D CMM Machine.

Note : Documentary proof of the above qualifications is to be submitted along with quotation against Advance Vendor Registration (AVR) Tender Enquiry. If not submitted the same your offer will be ignored for further process.