



**Manufacturers of
Non Ferrous Sand
and Die Castings**

Bagnall Street
Great Bridge, Tipton
West Midlands DY4 7BS
Telephone: 0121 557 9831
Fax: 0121 520 4761

email: mail@chartercastings.com
Web: www.chartercastings.com

Charter Castings Ltd is a Privately Owned Casting Facility Based in Tipton in the centre of the UK Manufacturing Industry. The business is served by excellent transport links being located within 3 kilometres from the M5-M6 motorways and Birmingham International Airport is 38 kilometres door to door.

The company was established in 1980 by its owners who were very experienced in the production of castings in Aluminium and Zinc Alloys. The company has always prided itself on training and developing its own workforce and most of the employees have a long service history.

The company is housed in modern buildings which have been continually up-dated to provide excellent facilities for our production systems.

Our Quality System is approved to ISO9001-2015 and we pride ourselves on our quality and delivery performance over many years of trading.

Castings are produced in a wide range of Aluminium Alloys detailed below:
UK designations: LMO, LM4, LM6, LM13, LM25, LM27, LM30.

USA designations: A319, A413, A336, A356, A357, A390.

All castings can be supplied in the As-Cast or fully Heat-Treated and Stress-Relieved.

Our Melting Facilities are 2x 500kg Gas Fired Bulk melting furnaces and 16x300kgs Radiant Heated Crucible Melting and Holding Furnaces.

All Metals are continually tested using an ARL 3460 Analytical Spectrometer and Gas Testing is carried out using a MK 2200 Density Index Gas Analyser.

2 Rotary De Gassing units are utilised to ensure metal density is maximised.

Semi-Permanent (Gravity Die) Capacity is from 60 up to 2000 castings per week depending on design and Mould/Die availability.

Castings are produced in many configurations ranging in weight from 0.25kgs up to 25kgs.

We produce Sand Castings using No-Bake Air-Set processes in weights ranging from 0.2kgs up to 60kgs.

The company also produces Gravity Die Cast Zinc Alloy castings mainly for the Oil and Gas Industry using ZA12 and ZA27 Zinc-Aluminium Alloys.

We have Manual and Robotic Dressing (Fettling) Facilities and Stainless Steel Shot Blasting if required.

Our Coremaking Facilities are Cold-Box, utilising Laempe and Loramendi Coremaking Machines supplemented by hand rammed cores using the No-Bake Air-Set Process.

We are Approved Suppliers to Jaguar Land-Rover, Aston-Martin, DAF Trucks (Paccar), Perkins-Engines, Cummins, Rotork, Gardner Denver, Mann & Hummel.

In addition we supply many different configurations of castings to the Automotive After-market in many cases for major engine components for Vintage, Veteran cars and Rebuilds of Ferrari, Maserati, Alvis, Bentley and other prestigious vehicles.

A speciality of the company has been the production of cylinder head and Block castings in smaller volumes for the Automotive After Market and for spares and re-builds for prestigious vehicle manufacturers.

For more than 30 years we have supplied space frame connector castings for truck body construction mainly in LM6 or Lm25 Alloys.

The main Contacts at Charter Castings Ltd are:

Peter Harpin MBE Managing Director and Adrian Shaw General Manager.

Our Quality Team Leader is Sam Edwards and our Financial Controller is Rachel Bayliss.

Our Contact Numbers are Phone 0011 (0)121 557 9831.

Website WWW.chartercastings.com

e-mail: sales@chartercastings.com