



COMPANY HISTORY

The company was established in 1986 by founder and then Managing Director Mr. M.G. Booyens. The emphasis of M.G. Castings has always been, providing excellent and personalized service and product while maintaining competitive prices. In 1986 two oil burning furnaces were used with a capacity of 500kg. Today we have a capacity of melting 2000kg off copper & brass alloys at a time. This is done by using four natural gas fired furnaces.

M.G. Casting Suppliers is a privately-owned company situated in Gauteng South Africa. This company produces a full range of non-ferrous castings in both copper and aluminium based alloys, this includes the standard range of materials as defined in the BS 1400 spec. The target market of M.G. Castings consist of the gold, platinum, and coal mining industries, as well as material suppliers and engineering companies.



MESSAGE FROM THE MANAGING DIRECTOR

My mission as the M.D. for MG Castings & Ligitprops is to provide value and service at all cost to our valued clients and supply chain. A goal I place above profits and am committed to delivering.

From my support team, excellence in all we do. Our products shall be elite, our support second to none, our delivery timely, and our value above all others. Each client to be treated as a rare commodity and being part of the MG Castings family.

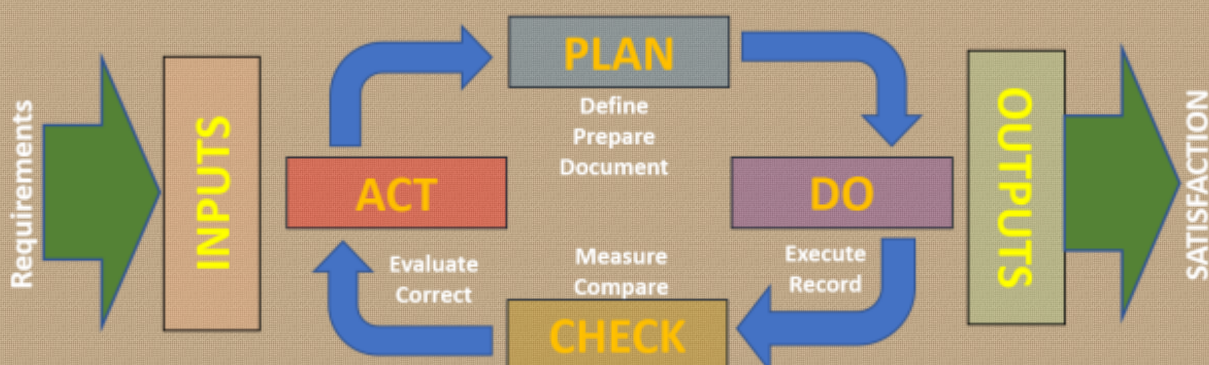
Service shall never be questioned. We will offer high quality and timely support to each client visiting our sites, each customer purchasing our products, and each member driving the results of our company. We will be open to contact and never delay a response. No question shall be answered with anything less than honesty and in any sense less than urgent.

Leadership. We will be leaders in both business and society, giving back to our members and communities. We will take care of our people as they are our most valuable resource, and will continue to be innovators in our industry, providing new opportunities to all we encounter.

(PS) With passion and pride we at MG Castings pledge our commitment to our company values.

M.G. Castings Quality Statement

We, at M.G. Castings, proudly pronounce our personal commitment to understand, meet and, when possible, exceed our Customer's requirements through the continuous improvement of our processes. We are dedicated to delivering a quality, defect free product on-time, at the most competitive cost.



VISION STATEMENT

To be acknowledged, locally nationally and Internationally as the preferred service provider for nonferrous casting, pattern making product and machining services supplier in the foundry industry

MISSION STATEMENT

MG Castings mission is to be the most effective and productive Service provider to the mining, engineering and the end user for nonferrous castable and machined products; we will promote the technological advances made in the industry supplying information and training whenever needed on a continuous basis. Through all business relations that are formed. Focusing on teamwork, transparency, good corporate governance, citizenship, and sustainability.

MG Castings will continuously strive to exceed customers, clients, and end users' expectations.

VALUES & Core Values

VALUES

Safety takes preference overall, We respect our staff's right to refusal if a task cannot be completed safely.

Integrity within MG Castings all Employees and Directors will conduct themselves with honesty, respect, and accountability.

Our actions are implemented with direction and enthusiasm, on time and with success in mind to achieve our goal

Dedication to continuously and consistently, exceed. Clients expectations in a professional and transparent manner.

committed to transparent communications at all levels with Integrity and client service and action in mind.

CORE VALUES

- Customer Satisfaction
- Total Quality
- Cost Consciousness
- Care for Employees, Share Holders & Society

Company Info

MG Castings possess well equipped manufacturing facilities such as Nonferrous Foundry, modern Steel & Alloy machining facilities and a central machine shop with several machine tools including large number of milling equipment, pattern storage facilities, assembly facility, Full automated division to take up Turn-Key Projects, Our operation is well connected by Road and Rail to International Sea Ports & Airports of South Africa, providing excellent logistics support.

More than three decades of experience & track record in manufacturing & supply of various grades of castings, in machined and as cast conditions, heavy engineering components, spares & equipment, manufactured under compliance with international standards, MG Castings has an acclaimed leading position in the niche market of nonferrous castings as reliable supplier.

Technology up-grading is an ongoing activity in MG Castings. Over the period, we have expanded and augmented our production facilities, adopted modern tools and practices for solidification, QA department for continuous inspection. On quality front we have adopted and perform our operation in accordance to the ISO 9001- 2015 standards.

Customer's & Clients happiness is work culture and business motto at MG Castings. We are well recognised and registered supply partner to almost all core sector industries like Steel Mills, Aluminium smelters & downstream, other Metallurgical Plants, Mining, Cement, Sugar, Heavy Earth Movers & HMM Material Handling



MG Casting Services:

RAW MATERIALS

No alloying is done in house. All raw materials are purchased from recognized suppliers in a pre-alloyed ingot form. Every batch is supplied with an analysis certificate. Use of these batches are documented and allocated to every job for future traceability. We do not support the trade of conflict minerals



Patterns

We have an offsite pattern making team that is dedicated and fully committed too speedy delivery of wooden and Polly patterns for those once off projects, and a storage facility for patterns safekeeping.



In the event of an emergency where moulds are not available or for those not so often request, we make use of polyurethane moulds to save on expenses and time constraints

Moulding

We make use of the silicon-based sand moulding method



Castings

We have 4 natural gas burning furnaces, each with a capacity of 500kg of molten product. For the big moulds we make use of preheated ladles, making it possible to cast up to 2000kg of product in one cast



High Density Centrifugal Casting

We also have the capacity to do high density centrifugal casting with a variety of **id's** available for our spin casting machines.



Fettling

We have a dedicated area where castings are cleaned and stripped from sand and risers that protrude from the castings mould



Pre-machining

After the fettling has been completed, we prefer to do some pre-machining to validate the integrity of the casted products, due to the casting method pitting could occur from time to time. We would rather recast than deliver a substandard product.

This is also an integral part of our quality process, as blowholes and anomalies can be detected before delivery to the client. Should any defects be detected an NCR is generated and work piece is scraped and returned to the foundry.



Final Machining

Once per machining is completed and no defects have been detected, dimension are verified the work piece is lined up for the final machining process. Some of our clients request that we also do the final machining too very specific tolerances for export products before the QA department signs the job card off.



Summary of Machining Capabilities

2	x	Horizontal Boring Mills (1,5m high x 1,5m bed)
2	x	Vertical Boring Mills
		a) 600 high x 1,600m swing
		b) 1,200m high x 1,200m swing
1	x	No 5 Milling Machine (1,200m bed)
7	x	Lathe (Length: From 2 – 3 meters, Swing: 400 – 800mm)
2	x	Radial Drills

As this resume serves only to introduce our company. We would welcome the opportunity of discussing your requirements with you at first hand.

Quality Control

M.G. Castings has a fully integrated quality control system in place. Internal and external process and product quality inspections are performed and documented. All measuring instruments are regularly calibrated and has certification. All products are also supplied with a material specification certificate or data pack depending on the clients request & requirements.





In Conclusion:

To achieve this goal, we employ world-class manufacturing techniques coupled with strict quality monitoring system. Quality emphasis is maintained throughout - from order entry to shipping and extending to customer service follow-up. Quality production procedures have been developed for each operation and numerous process controls are in place. Quality related capital expenditures are made annually to upgrade our overall casting process capability. Because what was acceptable in the past is not good enough today and what is acceptable today may not be good enough for tomorrow.

We also engage third party inspection agencies whenever so desired. It includes LLOYDS, PDIL, SGS, RAQW, MECON, TPL, QUEST, MORGAN, BUREAU VERITAS, etc.

"We at MG Castings Ltd. are committed to Market, Manufacture and supply of Grey Iron, Ductile Iron, Steel & alloy Steel castings and Fabrication in unmachined, Machined & in assembled conditions that satisfy our customers in meeting their requirements.

Engineering Division

Ligitprops is the engineering division of M.G. Castings. This machine shop does most of the foundry's nonferrous machining, as well as any type of ferrous engineering and small fabrication. The integrated quality control system is also applied in the engineering section with an in-house quality assurance inspector. The satisfaction of our clients is priority; therefore, we never turn down business and are always ready to cater for customer needs as timely as possible.

For peace of mind preventative maintenance is carried out on machinery limit down time as far as possible. There is also a generator on site capable of supplying both the foundry and engineering divisions of electricity, should load sharing be implemented.



Some Past Projects:



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Financial Manager

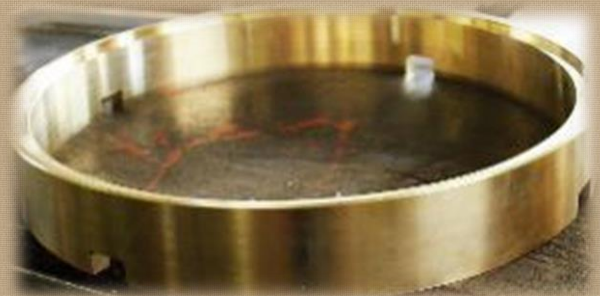
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