

New Techniques In Casting Operations

PCS Foundry is today seen as one of the most significant suppliers to the pump, valve, steel, petrochemical, cement and paper and pulp industries.

PCS is one of the few foundries that has the capability to supply a full range of industrial castings to industries in stainless steel, high alloys, carbon steel, with a wide range of ASTM standards. PCS Foundry operates in accordance with established quality assurance systems SABS ISO 9001:2008, with 32 years' experience and still the leading foundry in producing high quality non-ferrous (Brass, Copper, Bronze and Aluminium) and ferrous (Stainless Steel, Steel, SG and Cast Irons) castings for the pump and valve industry in South Africa.

PCS Foundry is proud to be a Level 4 B-BBEE (Broad-Based Black Economic Empowerment) Contributor and continuously improving our score rates.

PCS Foundry use a variety of new techniques in our casting operations such as 3-D scanning and printing of moulds and cores. PCS foundry has its own unique semi-automatic moulding line capable of producing moulds of up to 1.2 wide by 2.5 long ensuring a shorter lead-time on high volume products.

PCS Foundry has develop a new facility to expand its operations and create extra capacity. This gives the customers the opportunity of a one stop shop.

PCS Foundry is equipped with a modern laboratory

ensuring that all metals are produce to international standards.

Our pattern shop and full-time patternmakers allow us to provide our customers complete in-house facilities for patternmaking. The pattern shop also repair existing customer patterns. We also have pattern stores with the capacity to accommodate all our customers' patterns in-house.

Pcs is equipped with 3 induction furnaces with the melting capacity of 400 kg, 750kg and 2000kg and cast iron furnace producing 3000kg per hour.

PSC Foundry provide alloy steel and nickel-based components using high quality raw materials: Carbon & low alloy steel castings, Stainless steel castings, Duplex steel castings, Nickel based alloy castings Heat and wear resistant alloys.

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