

# Franktech Metallurgical Services – supplying top-quality service

Situated in the engineering hub of the East Rand, Franktech Metallurgical services is ideally positioned and is fast building a reputation for supplying our customers with quality service to the needs and expectations of the metallurgical industry. We are highly competitive in terms of both price and turnaround time.

It is the policy of Franktech Metallurgical Services to maintain a strict commitment to the quality of its inspection and testing services offered to customers, while also maintaining an efficient work ethic. It is management's belief that in adopting the procedures implicit within the various accreditation standards, that it will enable the company to maintain a structured and consistent approach to Metallurgical / Mechanical testing. It will also maximize internal efficiency and maintain the very highest standards for our customer care and continuously improve the level of customer satisfaction. "Our team of metallurgists are working towards SANAS, and expect to have accreditation in the first quarter of 2006", says Mike Cooper, the manger of Franktech Metallurgical Services.

Our aim is always to achieve total customer satisfaction through honesty and integrity when conducting the inspection/testing services we



TENSILE TESTER



CUTTING CENTRE



TENSILE TESTING



CHARPY TESTING

offer, so that our customers continue to choose Franktech Metallurgical services as the preferred supplier of Metallurgical / Mechanical Testing/ Inspections and confidently recommend our company to other potential customers.

At Franktech our facilities are world class and provide us with a full range of equipment to provide our customers with the service they expect.

Our cutting and preparation facilities allow for accurate and efficient sectioning of samples up to 400 mm in diameter. We also have electrical furnaces available which will enable us to provide heat treatment (such as Stress relieving, normalizing or hardening) to the smaller sectioned samples.

We at Franktech also offer the following services to industry:

- Mechanical testing, which includes, Tensile testing, Bend testing, Impact testing, Hardness testing (Rockwell, Brinell and Vickers).
- Hot tensile testing up to a temperature of 600 °C and Sub Zero Impact testing down to a temperature of -90 °C as a standard.
- Magnetic particle inspection, dye penetrant testing and ultrasonic testing is available as the nondestructive alternative to our testing and



FAILURE ANALYSIS



SAMPLE PREPARATION

inspection methods.

■ Metallographic analysis, Photo microscopy, Metallurgical investigations and Failure analysis as well as Welder's performance and procedure qualification testing.

■ Spectrometric analysis is now done on the premises.

Our team of highly skilled qualified metallurgists offer an advisory service, technical support, material selection, specification equivalents, and any general enquiries of a technical nature.

Franktech Metallurgical services has been servicing the metallurgical industry since January of 2004 and has seen considerable growth due to the demand and customer satisfaction. Our focus at Franktech is firmly rooted in the attitude of the personnel working for us. We will supply quality of service in conjunction with rapid results while maintaining the highest levels of integrity to satisfy the in-house quality management system so as to assure our customers of the integrity and quality of our service in meeting their specific requirements.



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