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Department:
Trade, Industry and Competition
REPUBLIC OF SOUTH AFRICA

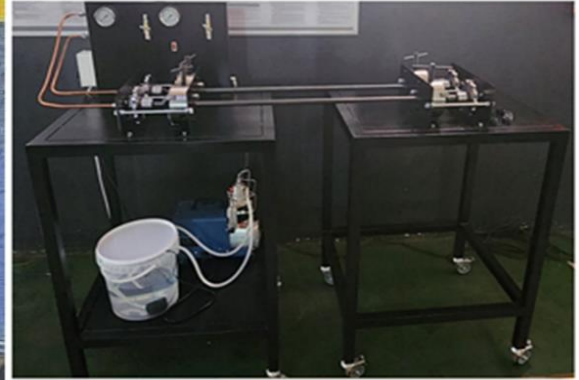


Aerospace Industry Support Initiative

an initiative of the dtic

AISI CASE STUDY

Boosting Black-Women Owned SMME: Advancing Pressure Testing & ISO 9001 Certification Intervention



BENEFICIARY:

Khentsa Specialised Tube

PROJECT TITLE:

Pressure Tester for Thermal Lancing Tubes and ISO9001 Certification

INDUSTRY:

Sector Wide Accreditation

Impact and Benefits

4 Jobs created and 12 retained

Improved safety standards

Increased market opportunities

ISO 9001 certification in progress

Company Profile

Khentsa Specialised Tube is a 100% black women owned company located in Roodekop, Germiston, specialising in the manufacture and supply of thermal and oxygen lancing tubes. These tubes are used across various industries, including manufacturing, engineering, fabrication, mining and by state-owned entities. Lancing tubes are primarily used in foundries and smelting plants during the tapping process, as well as in blast furnaces, induction furnaces and oxygen furnaces.

Intervention

Khentsa Specialised Tube received support from the Aerospace Industry Support Initiative (AISI) to develop an aftermarket hydrostatic pressure tester for lancing tubes. This tool is designed to enhance safety standards and improve quality management by reducing the risk of product failure in smelters and furnaces, potentially preventing fatalities. The project also provided a competitive advantage by ensuring that Khentsa's products are tested and quality-assured.

Following this, the company is undergoing an ISO 9001 implementation project, which will further demonstrate adherence to internationally recognised manufacturing standards.

"We strive to meet customer needs with the highest quality standards and specifications, and we have identified the need for an additional safety mechanism in our production processes," said Ronnie Jacobs, Chief Business Officer for Khentsa Specialised Tube.

PROJECT LOCATION:



Ekurhuleni Metropolitan Municipality



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AISI is an Initiative of the Department of Trade, Industry and Competition,
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