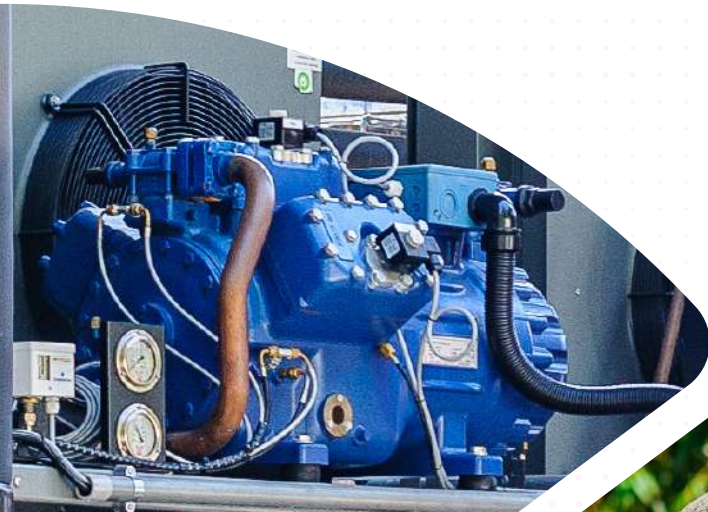




Sustainable Engineering Precision



# COMPANY PROFILE 2026

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Providing **engineering solutions**  
with future challenges in mind.

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Reg No. 2014/150558/07 | VAT No. 4170272738  
CIDB Grading : PE 4ME - 1EP | SARACCA, SAQCC Gas  
**Proudly South African**





## About SMA

Established in 2014, Smart Measurements Africa (Pty) Ltd is a South African based engineering solutions company committed to delivering innovative, reliable, and technically advanced solutions for industries where performance, precision, and operational efficiency are critical.



With a strong foundation in mechanical and electrical engineering, we provide specialised solutions across industrial refrigeration, clean room HVAC systems, renewable energy, energy optimisation, and electrical infrastructure support. Our expertise enables businesses to operate safely, efficiently, and sustainably while meeting strict industry standards and compliance requirements.

Over the years, Smart Measurements Africa has developed extensive experience supporting industrial, pharmaceutical, healthcare, cold-chain, and commercial environments where temperature control, energy reliability, and system performance are essential. We understand that every environment has unique operational demands, which is why we deliver customised engineering solutions designed around each client's specific requirements.

Our multidisciplinary approach combines engineering design, system analysis, manufacturing, installation, integration, validation, commissioning, and ongoing maintenance support. By managing every -

stage of the project lifecycle, we ensure greater quality control, technical consistency, and long-term system reliability.

Driven by innovation and sustainability, we continuously explore smarter ways to improve energy efficiency and reduce operational costs. Through the integration of renewable energy technologies, hybrid power systems, and energy optimisation strategies, we help organisations transition towards more sustainable and future-ready operations.

At Smart Measurements Africa, engineering excellence is supported by a commitment to quality, compliance, and dependable service delivery. Every solution we provide is carefully designed and implemented to achieve maximum performance, safety, efficiency, and value.

We pride ourselves on building long-term partnerships with our clients through technical expertise, transparency, and a commitment to delivering solutions that perform today while supporting the needs of tomorrow.



## Engineering Expertise

Our solutions are developed through proven engineering methodologies, industry best practices, and a deep understanding of performance-critical environments.



Smart Measurements Africa provides complete lifecycle engineering support, from assessment, concept development, mechanical design, manufacturing, installation, system integration, testing, commissioning, and optimisation through to final operational handover.

We deliver integrated engineering solutions across industrial refrigeration, HVAC, renewable energy, and electrical infrastructure.

Our expertise includes applied thermodynamics, refrigeration systems, cold-chain facilities, clean-room HVAC, solar and hybrid power solutions, Battery Energy Storage Systems (BESS), medium voltage infrastructure support, validation, and energy optimisation, providing reliable, efficient, and sustainable solutions for industrial, commercial, pharmaceutical, and healthcare environments.



# Industries We Serve



We support organisations operating in environments where reliability, compliance, and efficiency are essential.

## Key sectors include:

- Industrial processing facilities
- Cold-chain and operations
- Pharmaceutical manufacturing facilities
- Healthcare laboratories and medical environments

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# Compliance

ISO 9001:2015  
ISO 14001:2015  
ISO45001:2018



“Our multidisciplinary experience allows us to deliver solutions where precision, stability, and uptime are non-negotiable.”

# Completed Projects

## PROJECT 1



Employer	University of KwaZulu-Natal
Project Manager	Smart Measurements Africa (Pty) Ltd
Project Description	RFB UKZN 26/22R1 Replacement of Trane Chiller & Cooling Tower at DDMRI at Medical School
Contract Value	R6 919 757,70
Final Completion	23/02/2024
Site	University of KwaZulu-Natal Nelson R. Mandela School of Medicine



## PROJECT 2



Employer	National Bioproducts Institute NPC
Main Contractor	Smart Measurements Africa (Pty) Ltd
Project Description	Design, Supply and Install Biotechnology Human Plasma Refrigeration Utilities
Contract Value	R2 103 095,30
Final Completion	26/01/2022
Site	The NBI Head Quarters Located at 10 Eden Road, Paradise Valley, Pinetown, 3630

PROJECT 3



Employer	National Bioproducts Institute NPC
Main Contractor	Smart Measurements Africa (Pty) Ltd
Project Description	Design, Supply and Install Chilled Propylene Glycol Refrigeration Utilities
Contract Value	R8 750 500,00
Final Completion	19/06/2025
Site	The NBI Head Quarters Located at 10 Eden Road, Paradise Valley, Pinetown, 3630



## PROJECT 4



Employer	South African National Blood Service NPC
Main Contractor	Smart Measurements Africa (Pty) Ltd
Project Description	Design, Supply and Install HVAC & Refrigeration Utilities
Contract Value	R6 799 795,40
Final Completion	08/09/2024
Site	The SANBS Head Quarters Located at 1 Constantia Boulevard, Constantia Kloof, Roodepoort, 1709

### **Smart Measurements Africa (Pty) Ltd**

Company Reg : 2014/150558/07  
VAT : 4170272738  
CIDB Grading : PE 4ME | 1EP

#### **Membership**

- SARACCA
- Proudly South African

#### **KwaZulu-Natal**

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