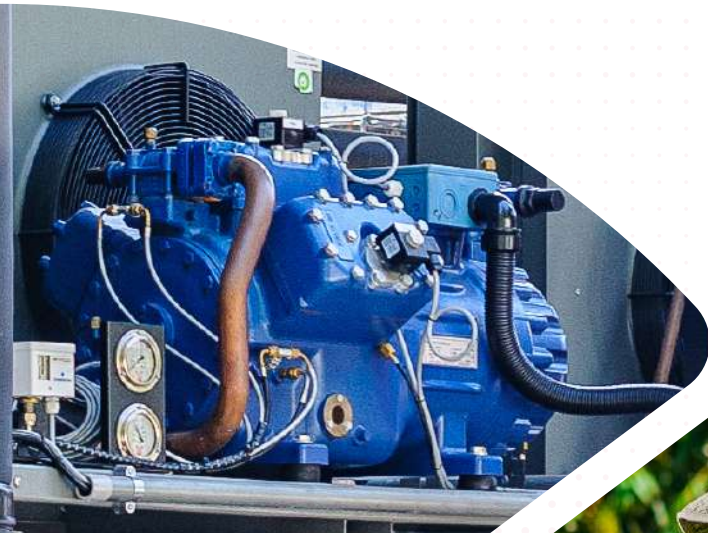




Sustainable Engineering Precision



COMPANY
PROFILE 2026

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

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

Compliance

ISO 9001:2015
ISO 14001:2015
ISO45001:2018



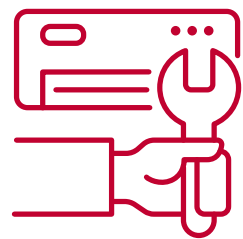
“Our multidisciplinary experience allows us to deliver solutions where precision, stability, and uptime are non-negotiable.”





HVAC Maintenance and Service

Structured preventive, corrective and performance focused maintenance for HVAC and auxiliary mechanical systems - from everyday comfort cooling to mission-critical environments.



Systems we maintain

- Water-cooled chillers, buffer tanks and associated controls
- Air-cooled chillers and associated controls
- VRV and VRF systems
- Packaged and rooftop units
- Ducted split and central air-conditioning systems
- Air handling, ventilation and extract systems
- Auxiliary mechanical systems, including pumps, valves, controls and heat-rejection equipment

Critical Environments

We maintain critical HVAC systems supporting pharmaceutical, laboratory and medical-grade environments, where stable temperature, humidity, filtration, pressure relationships, air quality and continuity of operation are essential.

Maintenance Contract Management

SMA has experience managing planned maintenance contracts and service agreements across multiple assets and sites. We coordinate maintenance schedules, technician deployment, inspections, call-outs, asset records, service reporting, spares planning and corrective actions - giving clients a structured, accountable approach to uptime, traceability and lifecycle performance.

Reliable maintenance support for industrial, commercial and performance-critical facilities backed by 7 years experience.

• Planned preventive

Routine inspection, servicing and condition checks

• Service reporting

Documented work, asset records and recommendations

• Corrective support

Fault finding, repairs and breakdown response

• Performance focus

Reliability, efficiency and lifecycle planning

Completed Projects

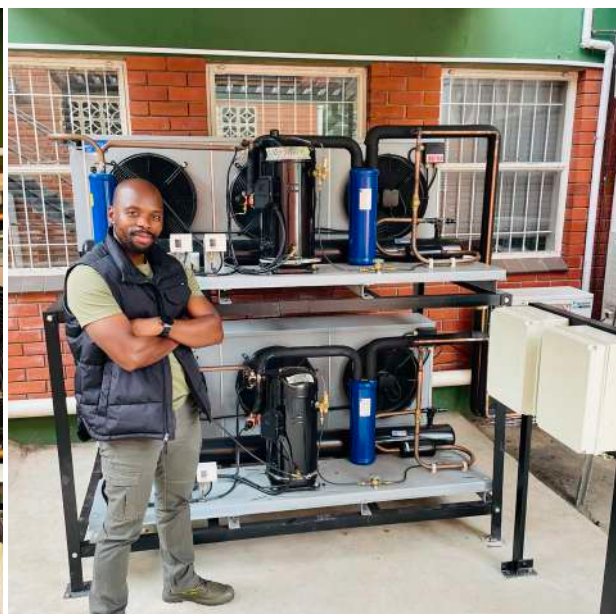
PROJECT 1



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

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