

LEVEL 1 B-BBEE | 100% BLACK OWNED | SOUTH AFRICA

CASS Solutions

Group (Pty) Ltd

Engineering. Training. Accommodation.

BUSINESS PROFILE 2026

Reg No: 2022/736579/07

Div 1 — Technical Services

Div 2 — CASS Academy

Div 3 — Student Accommodation



COMPANY OVERVIEW

Who We Are

A proudly South African, 100% black-owned integrated technical solutions enterprise, registered with the CIPC on 22 September 2022.

Headquartered in Boksburg, Gauteng with operations in Bloemfontein — bringing together over 18 years of cumulative industry expertise across three synergistic divisions.

18+ Years Combined Expertise

L1 B-BBEE Contributor

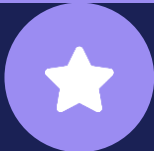
3 Integrated Divisions

Company Details

Company Name	CASS Solutions Group (Pty) Ltd
Registration No.	2022/736579/07
Incorporated	22 September 2022
Headquarters	Boksburg, Gauteng, South Africa
Operational Base	21A Scholtz St, Universitas, Bloemfontein 9301
B-BBEE Status	Level 1 Contributor — 100% Black Ownership
Contact	+27 73 147 4479 info@cass-solutions.co.za
Global Reach	South Africa Serving Global Clients



STRATEGIC FRAMEWORK



OUR VISION

Most Respected Partner

To be the most respected, 100% black-owned integrated engineering solutions partner in Southern Africa — recognised for operational excellence, technical innovation, and socio-economic transformation.



OUR MISSION

Empower the Workforce

To empower the African workforce and industry through world-class technical services, OEM-aligned training, and secure academic living environments. We exist to engineer uptime and excellence.



2030 GOAL

Pan-African Expansion

To establish CASS Solutions Group as the preferred technical partner for mining and construction clients across Africa, while becoming a recognised private training institution.



OUR CORE VALUES

The principles guiding every decision, repair, and relationship



Safety & Sustainability

No task is so urgent that it cannot be performed safely. Safety is embedded into every diagnostic, repair, and training session.



Integrity & Ethical Accountability

We operate with uncompromised honesty. Our diagnostics, training reports, and financial dealings reflect full transparency.



Excellence & Innovation

We pursue technical mastery and are obsessed with the "how." Rigorous standards whether troubleshooting excavators or developing training curricula.



Empowerment & Inclusivity

A skilled artisan is a national asset. We actively develop black artisans, support female technicians, and create pathways for academic success.



DIV 1 — CASS TECHNICAL SERVICES

Engineering Uptime. Restoring Performance.

The Technical Backbone

Specialised diagnostic and repair services for heavy earthmoving and power generation industries.

Our dual-trade capability — integrating mechanical AND electrical expertise — resolves complex electromechanical faults that single-trade technicians often miss.

Dual-trade capability reduces diagnostic time by up to 40% and extends equipment service life.



Advanced Troubleshooting

Mechanical, electrical & electronic diagnostics — Hydraulics, Powertrain, CAN Bus, Engine Systems.



Earthmoving Equipment

OEM service for Excavators, Graders, Off-Highway Trucks, Wheel Loaders, Tractors & more.



Power Generation

Service, maintenance & fault-finding on Prime and Standby generator sets, controllers & alternators.



Technical Analyst Services

Machine health reports, component failure analysis, Warranty & CPI support.



Field Service

On-site repairs, condition-based monitoring & emergency response for operational continuity.



DIV 2 — CASS SOLUTIONS ACADEMY

Building Competence. Certifying Excellence.

Blended Learning Model

Theory + Practice in every programme:

- E-learning modules & virtual classrooms
- Instructor-led theoretical sessions
- Hands-on coaching & OJT mentoring
- Simulated fault-finding on real equipment



Industry-Aligned

Content by field experts, not theorists.



Flexible Models

On-site, online, or blended.



Measurable ROI

Competency improvement + operational impact.



OEM-Compliant

Supports warranty & OEM service requirements.

8 Training Programmes

- ✓ Fundamental, Advanced & Expert Technical Training
- ✓ OEM Systems Training
- ✓ Software Training: ET & SIS / Perkins EST & SPI
- ✓ Power Generation: Prime & Standby Application Training
- ✓ On-the-Job Machine Product Training & Coaching
- ✓ On-the-Job Skills Gap Assessments
- ✓ Online Skills Gap Assessments
- ✓ Assessments & Moderations



TRAINING PROGRAMMES

Hands-on. OEM-Aligned. Impact-Driven.

01 Fundamental, Advanced & Expert Training

Apprentices through Engineers — foundations to expert-level knowledge across Mining, Construction & Power Generation.

02 OEM Systems Training

Manufacturer-specific knowledge for Mechanics & Engineers. Extends equipment life & upholds warranty compliance.

03 Software Training (ET, SIS, Perkins)

ET & SIS navigation, Perkins EST/SPI tools for engine management, programming & calibration.

04 Power Generation Training

Prime & Standby generator sets — troubleshoot failures, apply safety & compliance standards.

05 On-the-Job Training & Coaching

Real-environment machine training for Artisans & Technicians with one-on-one expert coaching.

06 Skills Gap Assessments & Moderations

In-field & online assessments. Targeted development plans aligned to regulatory standards.








DIV 3 — STUDENT ACCOMMODATION

Safe Spaces. Academic Success.

21A Scholtz Street Universitas, Bloemfontein

Premium, secure & technology-enabled accommodation exclusively for UFS students. Accredited and aligned with the University's transformation and student wellness objectives.

SECURITY INFRASTRUCTURE

-  24/7 CCTV — Interior & Perimeter
-  Bloemsec Armed Response (24/7)
-  Security App — Individual Panic Buttons
-  Hardwired In-Unit Panic Buttons
-  Remote Panic Button per Student



Uncapped Fibre Internet

High-speed connectivity in every unit — essential for research, assessments & digital collaboration.



Custom Study Lamps

Ergonomically designed, eye-strain reducing study lamps provided in every unit.



Prime Location

10-minute walk to UFS main campus in the quiet residential suburb of Universitas.



Zane: +27 82 442 7464
Nwabisa: +27 66 212 7447



Vision: 100% bed capacity expansion & Student Living Lab 2028



TECHNICAL LEADERSHIP



Mr. Sakhumzi Memela

Lead Product Specialist & Technical Advisor | 18+ years heavy equipment | 8+ years technical training development

South African Credentials

- Red Seal: Earthmoving Equipment
- Red Seal: Auto Electrician
- N6 Mechanical Engineering (Motheo TVET)
- Certified Assessor & Moderator
- Legal Liability Certified

International Certifications

- Caterpillar Advanced Certified Mining Technician
- Advanced Electronic Troubleshooting
- Next Gen Hydraulic Excavator Service Training
- Caterpillar Instructor Accreditation — Level 1

"One of the most credentialed independent technical specialists in Southern Africa"



GOVERNANCE & STRATEGIC GOALS

2025–2030

Corporate Governance

CIPC Compliance

Standard MOI — full compliance with the South African Companies Act, 2008.

Level 1 B-BBEE

100% Black Ownership — maximum procurement recognition for all sectors.

Directorate

Qualified professionals accountable for governance, ethics & strategic oversight.

QCTO Registration

Goal: Full accreditation as a Private College with the Quality Council for Trades and Occupations.

Strategic Goals 2025–2030

01

Earthmoving Equipment

Recognised specialist in earthmoving repair, maintenance & support across Southern Africa.

02

Technical Accreditation

Register CASS Academy as a fully accredited Private College with QCTO.

03

Accommodation Expansion

100% bed capacity increase by 2028 with solar backup & green technologies.

04

Youth Employment Pipeline

Absorb 20+ graduates per annum from Academy into Technical Services or external placement.

"Find. Fix. Foster."

CASS Solutions Group is an integrated ecosystem designed to find, fix, and foster. We find the gaps in technical competency and machine performance. We fix them with precision and integrity. And we foster the talent, safety, and ambition of the African workforce.

We do not simply service machines — we build people.



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REACH

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"Excellence is an Attitude"