



LESEDI
ENERGY ENGINEERING

INDUSTRIAL DIVISION



www.lesedins.co.za



ABOUT US

LESEDI Industrial designs and delivers advanced industrial and process plant solutions that combine engineering innovation with operational efficiency.

We place our clients at the centre of everything we do, understanding their needs, assessing their risks, and crafting tailor-made solutions powered by world-class technologies. This commitment to partnership and precision has fostered enduring relationships built on trust and confidence.

Since 1984, Lesedi has maintained a strong Engineering Procurement and Construction track record, executing projects that meet the highest national

and international standards of quality, environmental stewardship, and engineering integrity.

At the core of our brand promise is trust, earned through the delivery of integrated, high-quality engineering solutions. We support this commitment with advanced documentation management tools such as ACONEX, Key360, and M-Files, ensuring efficiency, transparency, and compliance.

CIDB RATINGS

Level 9EP, 9CE, 9ME,
7GB, 7SF and 6EB

SHEQ COMPLIANCES

ISO 9001:2015
ISO 14001:2015
ISO 45001
ISO19443

OUR SERVICES SPECTRUM

- Turnkey EPC Projects
- Open Book EPC Projects
- EPCM Projects
- Engineering and Feasibility Studies
- Spares and Support Services
- Operating and Maintenance

This division is based in Centurion, Gauteng, South Africa and the team consists of ECSA registered Engineers and Technicians, Project Managers, Construction Managers, SHEQ Officers and Service Technicians.

Our professionals cover all **Engineering Disciplines**, namely Process (Chemical), Mechanical, Civil and Structural, Electrical and Control and Instrumentation.



WHAT WE DO



ENVIRONMENTAL SOLUTIONS & POLLUTION CONTROL

- Wet and Dry Scrubbers
- ESPs (Precipitators)
- FFP (Baghouses)
- Dual Flue Gas Conditioning (DFGC)
- NOx and SOx Abatement
- Acid Plants
- Compliance Assessments



MINING & UTILITY INFRASTRUCTURE

- New Process Plants
- Balance of Plant (BoP)
- Combined Heat and Power (CHP)
- Heat and Energy Recovery
- Bulk Materials Handling
- Effluent treatment systems
- Noise, dust, and vibration mitigation



COMPRESSORS, BLOWERS & BALANCE OF PLANT

- Compressor / Blower Houses
- System Audits and Upgrades
- Cooling System Upgrades
- Air Dryers
- Balance of Plant (BoP)



SYSTEM INTEGRATION

- OEM and Automation equipment
- Filtration equipment
- Switchgear
- C&I equipment
- CHP and HR Equipment
- Specialised Process Equipment



BULK AIR COOLING & HVAC

- Industrial Cooling Plants
- Mine Shaft BAC Refrigeration Plants
- HVAC Infrastructure



ELECTRICAL INFRASTRUCTURE

- MV and HV Sub-stations
- MCCs
- Load Studies (Utility or Mining / New or Upgrades)



WATER INFRASTRUCTURE

- Bulk Water Transfer
- Pump Stations
- Pipeline Systems
- Water Monitoring and Management



BUILT-FOR-PURPOSE BUILDINGS & STRUCTURES

- Data Centers
- Plant Structures
- Structural Integrity Audits
- Structural Life Extensions and Upgrades



ASSET INTEGRITY & ENGINEERING STUDIES

- Asset Integrity Evaluations
- Pre-feasibility and Feasibility Studies
- Reliability and "Life of Plant" Assessments
- Process Reviews and Improvements



FUNDED SOLUTIONS

- Project Development Support
- Funding Solutions
- Feasibility and Advisory Services
- Bankable Projects

HOW WE DO IT

LESEDI brings expert Project Management expertise in cost estimation, budgeting, risk analysis and project controls for our agile execution approaches in brownfield upgrades and greenfield projects.



From concept to commissioning, we collaborate seamlessly with clients, OEMs, and regulators to deliver projects that are safe, sustainable and on schedule. Our multi-disciplinary technical teams don't just tick boxes - they solve problems, eliminate bottlenecks and ensure long-term operational reliability.



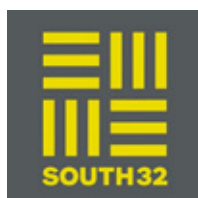
As a specialist systems integrators, we form strategic partnerships in order to provide bespoke technical solutions to our clients.

PARTNERSHIPS

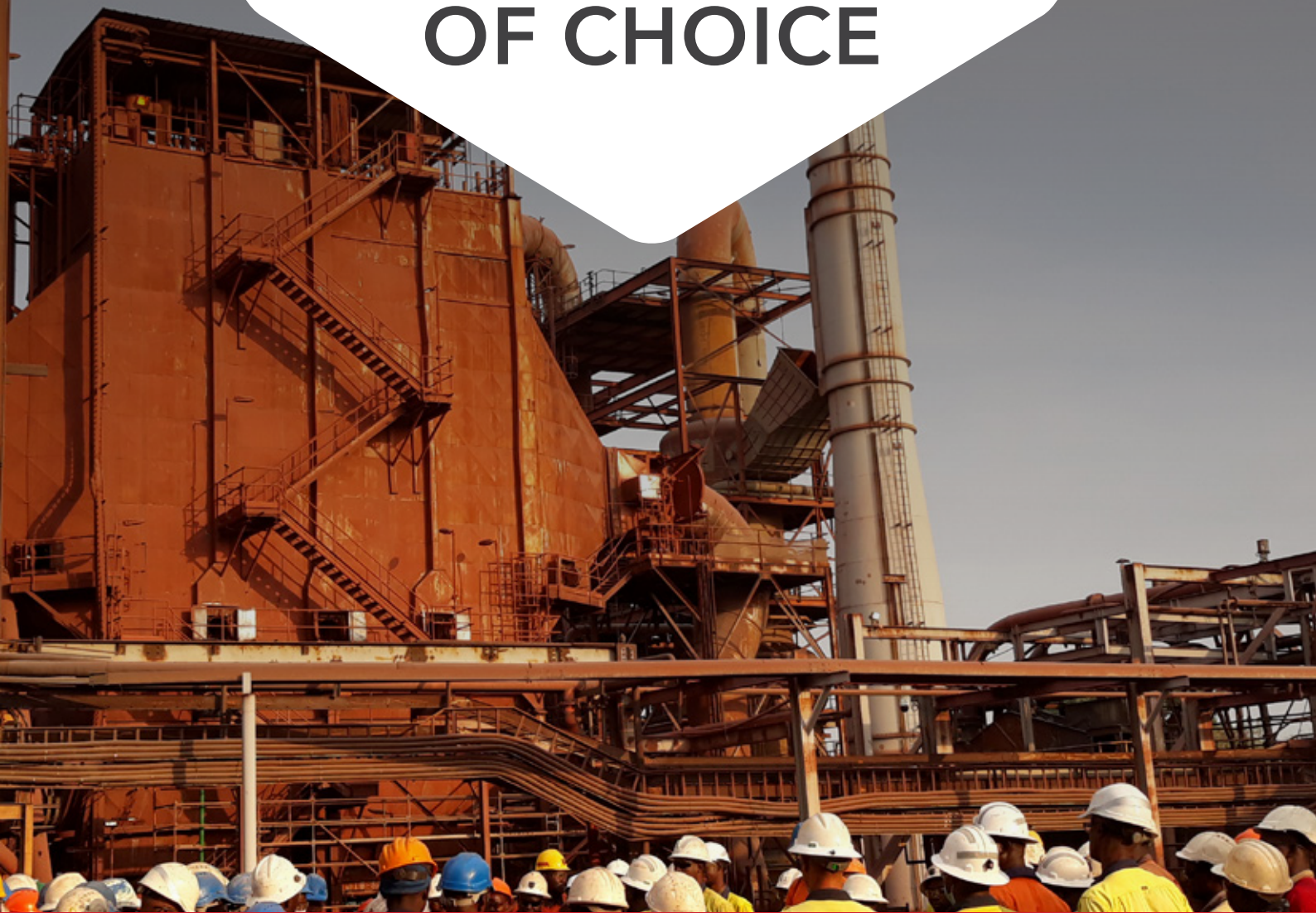
LESEDI nuclear services is the exclusive agent, OEM distributor and service provider for CASTLET products (Electrical, Control and Instrumentation equipment) within the Southern African Development market ("SADC").



LESEDI's previous and/or current clients



YOUR **EPC** AND **EPCM** PARTNER OF CHOICE



+27 21 525 1300



+27 21 525 1333



info@lesedins.co.za



www.lesedins.co.za



@LesediNS



LesediNS



@Lesedi



Head Office: 12 Edison Way Century Gate, Century City,
7441, Cape Town, South Africa

GP Office Address: Regional Office: River Falls Office
Park, 1st Floor Bushwillow building, 262 Rose Avenue,
Doringkloof, Centurion, Gauteng, South Africa 0157



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