



**Electrical, instrumentation,
control, engineering
and construction**

Control. Synonymous with precision and critical in mining, manufacturing and any process where movement, mass and volume are to be measured and regulated.

Since 1984, Enl has specialised in providing this control; designing, installing, commissioning and controlling processes for clients across the broad spectrum of Africa's many mines, municipalities and industries.



Enl's turnkey management processes include:

- Complete system design of distribution reticulation systems up to 22kV
- Design of motor control centres, cable and racking layouts
- Design of building services including lighting, power distribution, earthing and lightning protection
- Project management of electrical contracts
- Design of electrical distribution and utility systems, including power factor correction, energy management, cable/busbar ratings and fault level design
- Process measurement and control of temperature, flow pressure and level systems
- Plant automation and control by means of PLC/SCADA systems
- Mimic graphic display and discreet instrumentation plant control
- Specialised control stations, control desks and PLC panels
- Project management of instrumentation contracts

In addition, Enl offers a project management facility which encompasses:

- Detailed electrical and instrumentation design
- Control system design (PLC/SCADA Systems)
- Procurement, QA inspection
- Manufacturing of MCC Panels, control panels, PLC panels, control desks, small power distribution boards, conveyor control range of equipment, and specialist electrical equipment
- Supervision of site erection in both electrical and instrumentation contracts
- Supply and installation of both electrical and instrumentation contracts
- Testing and commissioning
- Training
- Quality Assurance programmes
- After sales maintenance, repairs and services

Enl is ISO 9001 compliant



Enl's customers include:

- Mopani Copper Mines Zambia
- Nkana Copper Mines Zambia
- Simba Group
- Nestle S.A.
- Mikropul S.A.
- Goba Moahlali (Keeve Steyn)
- Grinaker LTA
- Clyde Bergemann SA
- Techmach Technologies
- Assmang (African Rainbow Minerals)
- Nampak Corrugated (Rosslyn)
- Engineering and Projects Co Ltd (E+PC)
- Anglo Platinum Rustenburg
- Bateman Engineered Technologies (BET)
- Mittal Steel
- Anglo American Corporation
- Goldfields Mining Services Ltd
- BHP Billiton/Ingwe Coal
- Ruto Mills
- Consol Glass
- Samancor – Metalloys
- S.A. Chrome
- Group Five
- Inher S.A.



ZEST Electric Motors

Motors, Variable Speed Drives, Transformers, Vacuum Ring Main Units, Switchgear

Johannesburg

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GPS co-ordinates:
Tel: +27 (0) 11 723 6000
e-mail: info@zest.co.za

Private Bag X10011
Sandton 2146
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Macias Industrial Park
c/r Montague & BP Road
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ZEST subsidiaries

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IMS Cape

Diesel Generators, Marine Diesel Services, Marine Propulsion Systems

Cape Town

124 Marine Drive
Service Road
Paarden Eiland, Cape Town
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Industrial Cable Suppliers

Power Cables, Wire Products

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Shaw Controls

Motor Control Centres, Packaged Switchgear Solutions

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