

ELECTRICAL ENGINEERING



**SLOWGRAD
ENGINEERING**

www.slowgradengineering.co.zw

At Slowgrad Engineering we offer sales, install and backup service of high quality electrical engineering equipment and components. We deal in renowned brands that have been tried and tested. We boast of over a decade of experience. Our team of talented qualified and skilled staff are dedicated to provide you with excellence.

We provide the following products and services:

- » Energy Demand Management
- » Power Factor Correction System
- » Installations and maintenance services
- » Electrical components sales

✓ **Compact size High & Low
Voltage Capacitor Units**





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SOLAR FIELDS, POWER & ACCESSORIES

- ✓ Solar Panels
- ✓ Invertors
- ✓ Batteries
- ✓ Accessories etc.



Brands of Slowgrad Engineering



Slowgrad Investments (Pvt) Ltd t/a Slowgrad Engineering
Stand 443, Sandton, Westgate, Harare, Zimbabwe

Cell: +263 772 691 911

Telephone: +263 242 371 300

slowgrad@gmail.com



PROCESS CONTROL | AUTOMATION INSTRUMENTATION



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We offer sales, install and backup service of quality and durable automation & process control systems, including components and spares.

Motion controllers

Control valves

Servo systems

AC/DC variable speed drives

AC/DC motor

BURNERS - Weishaupt Monarch ® (and other big brands)

COMPONENTS

Temperature controllers

Power supplies

Timers

Counters

Programmable relays

Din panel indicators

Relays

Switches

Guages

PNEUMATICS

Valves and valve accessories

Drives and drive accessories

Cylinders

Fittings

HYDRAULICS

Pumps

Drives and accessories

Cylinders

Fittings and hoses

SENSORS

Photoelectric sensors

Inductive sensors

Rotary encoders

Measurement sensors

Vision sensors & systems

Fiber optic sensors

Identification systems

Automation Systems

SCADA

- Design
- Installation (Deployment)
- Troubleshooting
- Redesign
- Special Projects

PLCs

Programmable Logic Controllers

Remote i/o

Human machine interface

Automatic Power Factor Correction systems

Telemetry

ANALYTICAL INSTRUMENTATION

HPLC

REFRACTOMETER

AA

NIR

UV/VIS

GAS ANALYZERS (* TESTO)

GC+MS

ELECTRICAL ENGINEERING

ENVIRONMENTAL MONITORING EQUIPEMENT

Gas Monitoring Systems - Flue gas analysers, opacimeters

Dust Monitoring Systems

Ammonia Gas detecting and monitoring systems

DATA LOGGERS (*Saveris and other reputable brands only)

MASS & WEIGHT EQUIPMENT

Analytical Balances

Mass Comparators

Level Measurement

Weigh Bridges

Factory Scales

Mass Pieces

Belt Weighers

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CONSTRUCTION SERVICES

We are committed to providing the best in construction services within Zimbabwe and regionally (Sub Saharan Africa). We offer no substitute to quality. We roll out not just construction services but also sourcing and supply of construction materials.

Services Include:

- Brick & Mortar Construction (Residential & Commercial Buildings; Incl Multi-story Buildings)
- Concrete Structures
- Steel Structure Construction (Warehouses, Factories, Sheds etc.)
- Civil Construction Works (Sewer Systems, Water Reticulation systems, Road Construction, Bridges etc.)
- Auxiliary Services (Including Electrical Installations, Plumbing, Tiling, Painting, Paving & Walling.)
- Demolitions, Reconstructions, Partitioning & Rehabilitation

We roll out high quality project management and consultancy services for constructions. We have a team of highly qualified personnel that will see that your construction project sails through without issue.

We can handle any size project, from inception of an idea, to planning then construction and polishing. We already are seasoned providers of other services including electrical engineering, plant setup, automation instrumentation and more.

We are engaged in projects of all sizes and caliber:

- Commercial Projects
- Private Projects
- Industrial Projects
- Infrastructure & Heavy Construction Projects
- Ordinary Construction with complex Electronic & Industrial requirements.

Projects vary not only in caliber and size but also in scope. We can handle special projects that are not only logistically complex but have high standard requirements. These include:

- Fire Retardant Construction Projects
- Non Combustible Building Projects
- Special Material Projects
- Strong Rooms

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We offer sales, install and backup service of high quality medical equipment from reputable brands like Phillips.

MEDICAL SUPPLIES & EQUIPMENT

DENTAL - Dental Units, Dental X-Rays

MEDICAL IMAGING - **Radiology:** X-Rays, CT Scanners,

Ultrasonography: Ultrasound Systems

LABORATORY - Chromatography Systems

SPECTROMETERS - Mass Spectrometer, Absorption Spectrometer,
Emission Spectrometer, Microscopes, Photometers
Electrophoresis

Monitoring & Related Equipment

- Multi Parameter Patient Monitors
- Mobile DR Machines
- EKG/ ECG Machines
- Respiratory Ventilator Machines
- Suction Pumps
- Infusion Pumps
- IV Stands
- Oxygen Concentrators
- Defibrillators
- Anesthesia Machines

Other Equipment

- Hospital Stretchers & Beds
- Surgical Tables
- Surgical Lights(Incl. special purpose lights)
- Walkers, Crutches, Wheel Chairs etc.
- Oxygen Generators
- Oxygen Generator Plant & Units
- Consultation & Design
- Backup Power & Alternative Power Systems

Medical Disposables

- Gloves (Latex & Nitrile)
- Medical Caps (Surgical etc.)
- Gowns (Surgical etc.)
- Shoe Covers
- Face Shields
- Respirators (Including N95 type)
- Surgical Masks
- Rain Coats & Tyvek Suites

NB: - This list is not exhaustive. We supply all medical equipment in all classes

- Class 1 - Low risk devices
- Class 2- Intermediate risk devices
- Class 3- High risk devices

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We offer sales, install and backup service of quality and durable grain storage and processing systems, irrigation systems including components and spares.

AGRICULTURAL INFRASTRUCTURE & EQUIPMENT

Systems can be designed and installed with standard or backup power systems (Incl. Solar Power Grids)

- Grain Storage Silos
- Grain Handling Systems
- Grain Dryer Machines
- Grain Cleaning Machines
- Steel Construction

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- Automation

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- Center Pivot Irrigation Systems
 - Basin Flood Irrigation Systems
 - Greenhouse Irrigation Systems
 - Drip/ Micro/ Trickle Irrigation
 - Overhead Sprinkler Systems

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- Tractors
 - Combine Harvestors
 - Trailers
 - Tractor drawn implements
 - Mechanized Fumigation Systems
 - Farm Plant & Construction Service

AGRICULTURE

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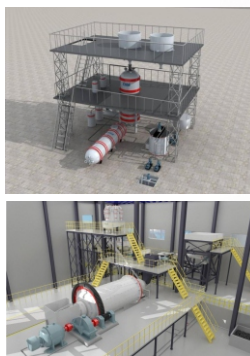
www.slowgradengineering.co.zw

MINING INFRASTRUCTURE & TECHNICAL SERVICES

Systems can be designed and installed with standard or backup power systems (Incl. Solar Power Grids)

- Leaching Agitation Tanks
- Ball Mills
- Thickener (*High efficiency units)
- Flootation Cells
- Hydrocyclones
- Planning, setup and installation for high productive mining plant and units.
- High capacity Ball Mills and related components
- Wear resistant slurry pumps & related components.

- Mineral exploration services
- Mining services
- Technical studies & reviews
- Extractive metallurgy & mineral processing



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MINING

PLANT & EQUIPMENT



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PLANT & EQUIPMENT SUPPLIES

We supply plant and equipment for all operational scales. Our equipment traverses all industrial sectors from agriculture, through mining, construction to engineering; not electrical and mechanical but fire engineering.

Products include:

■ Earthmoving

- » Graders
- » Excavators
- » Bulldozers
- » Back Hoe Loaders
- » Front End Loaders
- » Bob Cats/ Skid Steers

■ Civil Engineering

- » Boomags
- » Tipper Trucks
- » Water Tankers
- » Mobile Cranes

■ Engineering

- » Fire Fighting Trucks
- » Plant & Equipment
- » Special Purpose Trucks
- » Trailers
- » General Freight Trucks

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