



THE COMPANY

M&E COMMERCIAL ENGINEERS LTD started operations in March 2002. The Company specialises in electro-mechanical engineering, and services offered encompass the Consultancy, Design, Contracting and Supplying fields. Some Research and Development is also carried out.

Located at Union Park - Grand Port Savanne District, **M&E COMMERCIAL ENGINEERS LTD** is managed and owned by Mr. Gerard Closesl - a professional with more than 20 years of experience in the field and has a staff of 27, including:

- Project Managers and Engineers in the Electrical and Electro mechanical Fields
- Professional Buying for competitive local and international goods supply,
- Experienced Electro-Mechanical Diplomates, technicians and skilled workers.
- Regular intake of Junior Engineers for training, recommended to us by the University of Mauritius.
- CAD operators with electromechanical experience.
- A Sales Team
- Set of workshop technicians.

M&E COMMERCIAL ENGINEERS LTD also works with small teams of subcontractors to perform various specialised and engineered projects/contracts and has access to a number of recognised technicians and cable installers.

Major areas of concern are:

- Motors, transformers, variable speed drives
- Electrical HV/MV/LV gear
- Lifting systems and hoists
- Lighting, display systems and parts
- Distribution boards and starter panels
- Power factor and energy management
- Refrigeration, Cold Rooms, Flexible doors and access control with partners in South Africa
- Process Instrumentation, Control/Automation and telemetry
- Fire alarm and alarm systems
- Pumping systems
- Weighing Systems.
- Surge/Lightning Arrestors
- Generating Sets and Turbo generators.
- Renewable Energy (Heating and Generating)
- UPS and voltage regulated systems
- Telemetry and Communications
- Industrial Cable reticulation systems



Below Are Brands with whom we deal:

- **ELSTEEL** - Denmark - Electrical and Electronic Panels, Telecom panels - Strong and effective Kit of Danish Design. Extensive stocks.
- **SETM** - Lighting systems from Malaysia, Good quality and pricing. NIKKON brand - Floodlights and associated equipment. Low voltage transformers and CT's, Voltage stabilisers.
- **Abbacus Lighting** - Specialised English designs / Stadium Lighting.
- **M&E Brand for Lighting** - Lights and luminaires at favourable prices, having the best of assembly of European and Chinese products.
- **BERGEY** - World's leading manufacturer of small WIND TURBINES and associated masts with lowering systems.
- **CHINT and Astronergy** - For Solar Energy electrical and Solar Panels of various types. M&E packaged systems and kits.
- **DANNTECH, EPRO, REVALCO, ELECTREX & Unitemp** - Firms for process instruments manufacturers, Heating equipment and Radio Controls
- **MAVIFLEX** - Flexible isolated doors, Plastic laminations, "Portes a Vantaux"... for isolation of areas which we receive from France. Very efficient and suitable for cold rooms fast operating doors... and other specialised panellings.
- **MRE, MGC** - Refrigeration, Air Conditioning, Project Engineering and Structural/Panelling (isolated panels) and cold rooms.
- **Siemens Mechanical Services** - South Africa - Turbo machinery and allied services
- **ABB, CHINT, Siemens, MITSUBISHI, CBI, AB ROCKWELL, Havell's, TRANSECTOR USA, Ergom, EPRO** - Electrical supplies, distribution switchgear, automation and protection... HV/MV+ LV
- **TECHNOLOGIC's, CHINT** - Power Factor / Harmonics Correction

We also work Very Closely with:

- **ABB** Motors and Variable speed Drives - Channel Partners and distribution.
- **ABB, VEGA, Honeywell & Chint** - For instrumentation
- **ABB, Siemens, Phoenix and AB Rockwell** - For Automation and LV products
- **ACTOM, ACTON - Formerly ALSTOM RSA** - Electrical Power gear and Maintenance, Engineered Motors, Motors and Transformers.
- **UNITEC** - Electrical Motors of various sizes, Engineered Motors, Electrical; Motoring assemblies and specialised starters.
- **RWW Engineering of RSA** - for Specialised Power Electrical Engineering and Starters.
- **Turbomachinery**: Relocations of Steam Turbines and associated gear. New Steam turbine gear.

We are also a **systems integrator (status of Electrical and Automation Panel Makers)** for ALLEN-BRADLEY ROCKWELL and Channel Partners for ABB.

We have direct contacts with **HONEYWELL, ABB** and **VEGA** who provide complete instrumentation and logging packages for pH, conductivity, water level, temperature, flow, oxygen content, pressure, etc. that can be used in conjunction with PLCs to provide complete process automation.

OTHER FACILITIES:

- Electrical and Electronic Workshop
- CAD facilities
- Test equipment



THE WORKS

The following will give a clearer picture of some of our undertakings so far:

- Lighting installation at various places: FLOODLIGHTS, HIGH-BAYS, and STREET LIGHTS... Supply of Bambous Stadium HM Lighting, Lives stock and VITA Feed, RSDENIM La Tour Koenig... Maurilait Ltd, Desbro Ltd, Jumbo Phoenix.
- MAVIFLEX Isolated flexible doors; 12 doors supplied and installed for a -35°C cold room at Froid des Mascareignes Ltd. Doors operate at ± 1 m/s; remote controlled. MFD's cold rooms for Happy World Food usage. MFD's: 6 Fast Cold room flexible doors.
- Supply of various motors, variable speed drives and services to the sugar and textile industries, including three 1000 kW motor VSD's to Omnicane Sugar Estate. We supplied a 3.85 MW shredder motor to F.U.E.L. Sugar Estate with MV Starter, Orders for uprating Power of Shredder motor from 3.8MW to 4.3MW. ABB Shredder Motor of 4.7MW with Brush Lifting Gear and Short cct Devices.
- Supply and commissioning of power transformers and accessories to the sugar industry (SUDS/ex-Illovo and F.U.E.L), Step-up and down transformers for long distribution lines... e.g. pivots, Transformer Maintenance and oil drying/cleaning systems.
- Supply of various HV / MV products and services: Approved supplier of ABB SAFEPLUS and other HV/MV equipment.
- Supplied and installed Electrical Distribution Boards and MCC's for various clients in the industry, namely at Coca-Cola (1600A), FUEL SE (4000A), MDMT SE, MSM (1600A), Maurilait (2500A), Desbro (2 x 2.MVA incomers), IVTB (1600A), EMTEL Ltd, FERNEY Spinning Mills Ltd (5 x Incomers of 1MVA), DESBRO - 2 x 1MVA, ALTIMA Building, FERNEY Spinning Mills Ltd - 5MVA Board and subs... as well as motor starters (complete), for, among others SUDS - Savannah SE (2006), MDMD S.E., DESBRO, New ALCODIS and Power Plant of Omnicane etc... including earthing and over voltage protection as applicable.
- Supply of cranes for MSM and F.U.E.L.
- Supply, and commissioning of 4x30-metre masts complete with floodlights for the Bambous Stadium for the Jeux Des Iles.
- We have also supplied instrumentation and control equipment - temperature, level measurement, pressure sensors, etc. INSTRUMENTATION: Supply of Coal Silo Level system at F.U.E.L.; CO2 Monitor, Temperature sensors and Conductivity cells for CEL Ltd; supply of RADAR Level meter USA Ltd, Various water level/pressure controls.
- Electromechanical Consultation.
- Happy World/MFD Cold Room at the Freeport.
- Supply of a number of Autotransformer/Soft/Stardelta/DOL/VSD's and bigger starters for pumps of 250 to 400 A.
- Supply of Pumps and systems: e.g. 300M3/Hr 14Bar submersible to MDMT SE with Auto transformer starters.
- Service of 4MW - 6.6KV Alternator 3000RPM, 32 MVA transformer and 66 kV switchgear at DRBC/CEL SE
- Supply and commissioning of two HOT-Standby Variable speed drives of 300KW/690Volt for Sotramon/CTDS SE 35MW Power Plant. Supply of 650A/400V Softstarters for pumping operations at DRBC, Supply of 600KW and 900KW VFD for UnionSt Aubin and Savannah SE, Supply of 900KVA Drive for Savannah SE. Supply of 630KW/1000KW VF Drives for Union St Aubin SE/SUDS.
- Supply of 500Kg Floor Hugger Weighing system to MAURILAIT Ltd with cordless Barcoding and Label Printing with Data Connection to e.g. XCELL files.
- Automatic Changeover Panels/systems... SURRAT(1000A), Maurilait 2500A CHINT breakers, Mers Des Mascareignes.
- Hilton Hotel: Maintenance of switchgear and pump systems, supply of constant settable constant pressure system with multi- motor/pumping systems and remote monitoring.
- Supply and Refurbishing of second hand 200KVA Dorman GenSet for Oxenham & Co., Supply of 2 x 80KVA Sets to GLOBAL - Weatherproof and soundproof with fuel lift pumping systems.



Solar Kits

Wind Energy Systems

Hybrid Systems

Solar Panels



- We have also been approached for various consulting jobs (including fire and alarm systems) in the industry, as well as for commercial buildings. We also provide advice on optimisation of power utilization / power management and maximum power demand control systems.
- Power Factor Capacitors... e.g. +/-600KVAR Units... Coca-Cola and HappyWorld Foods Phoenix... Maintenance of PF Capacitors.
- INSTRUMENTATION & CONTROL: Supply of Coal Silo Level system at Fuel; CO² Monitor, Temperature sensors and Conductivity cells for CEL Ltd; supply of RADAR Level meter USA Ltd, Various temperature/ water level/pressure controls, Supply (presently) of automation systems for SOMDIA for control of used steam turbine.
- Turbogenerating Set Relocation: Relocating REE 4MW turbine in Cameroun. Servicing, repairing, Revamping of all/new PLC controls, Synchronisation/AVR/Differential Protection/Generator protection scheme.
- Dismantling of Electro-mechanical Plant for export: e.g. MDA Sugar Estate Milling plant, recommissioning of part.
- St Aubin Sugar Milling Plant: All HV/LV Electrical works.

SOLAR ENERGY PROJECTS - design, supply, creation and installation completed for:

- Over 160KW solar panels installed in the last few years at different locations with the biggest being 70KW at Port Louis, Prime Minister's Office.

SOLAR ENERGY STAND ALONE PROJECTS

- Street lighting and various households
- NEW HV Substations, Primary and Secondary gears.
- Reticulation Schemes for new "Morcellements"

THE TEAM

We specialise in Engineered Sales and Installations. Whatever the customer's need, our dynamic team will do its best to meet the requirements within the briefest delay within the above scope of supply or else will redirect to the required specialists. Our dedication is only matched by our commitment to excellence in order to provide complete customer satisfaction. Do not hesitate to contact us at the following address:

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