



*Trusted Engineering
Solutions Provider.*

A photograph of industrial electrical equipment, likely a switchgear or transformer. It features several red, tiered ceramic insulators mounted on a light-colored metal base. Black cables with yellow and blue markings are connected to the equipment. A large, cylindrical component is visible in the background.

COMPANY Profile

Company Introduction

Company location:
Office No. F5 03&04
A.S Mwamba Tower,
Plot No. 80 Mikocheni
Light Industrial Area,
Coca Cola Road,
Dar es Salam, Tanzania.

Business Established:
July 2024

Core Business:

- Engineering.
- Turnkey Solutions.
- Contracting EPCM.



VEGA
— ELECTRIC —



CEO's Message

As CEO, I believe in delivering solutions that not only meet but exceed expectations. At VEGA Electric, we are driven by innovation, integrity, and a commitment to creating real value for our clients and communities. We see every project as an opportunity to build trust and to shape a sustainable future, powered by technical excellence and a deep understanding of our clients' needs.

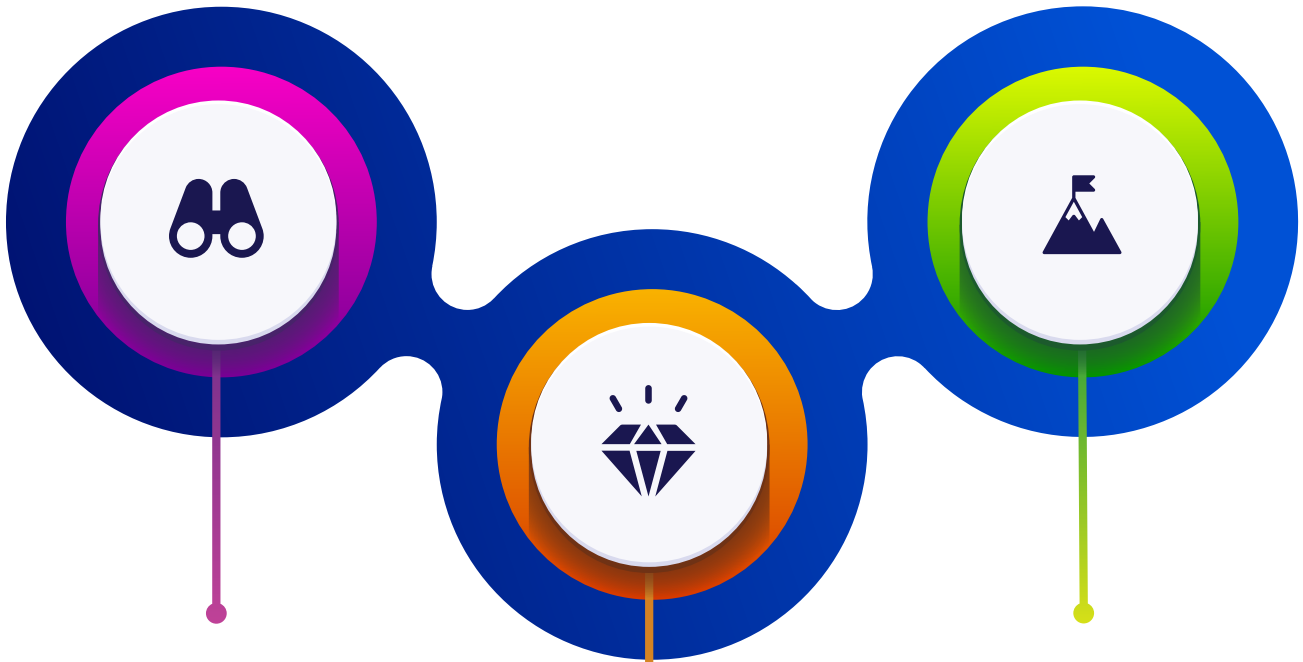
Thank you for taking the time to learn about us. We look forward to partnering with you and achieving success together.



Eng. Sherif Darwesh
Chief Executive Officer
VEGA Electric Tanzania Co Ltd

QMS, OHSMS & Sustainability Policies.

QUALITY MANAGEMENT SYSTEM POLICY STATEMENT VEGA ELECTRIC At Vega Electric Company Limited, we are committed to delivering services that consistently meet and exceed customer expectations while complying with applicable statutory and regulatory requirements. Our Quality Management System (QMS) is structured in accordance with ISO 9001:2015 and is embedded in all aspects of our operations to drive excellence, accountability, and continuous improvement. We believe that quality is a shared responsibility, and we strive to create a culture where every employee, contractor, and stakeholder contributes to maintaining the highest standards of performance, service delivery, and client satisfaction. OUR QUALITY COMMITMENTS: Customer Focus: We aim to understand, anticipate and fulfill the needs of our clients and partners by offering reliable, efficient, and value-driven services that strengthen long-term relationships. Compliance and Consistency: We comply with all applicable legal, regulatory, and contractual requirements, ensuring that our services are delivered with accuracy, integrity, and consistency. Leadership and Responsibility: Vega Electric's management provides strategic direction, adequate resources, and a performance-driven environment to support the implementation and improvement of the QMS. Risk Management and Preventive Action: We proactively identify risks and opportunities that may impact the quality of our outputs, and implement effective controls to mitigate disruptions and enhance resilience. Employee Competence and Engagement: We ensure all personnel are trained, qualified, and empowered to carry out their responsibilities with excellence and commitment to quality. Process Efficiency and Innovation: We promote a process-based approach to achieve consistent outcomes, increase operational efficiency, and explore innovative ways to improve our systems and services. Continuous Improvement: Through periodic audits, data analysis, customer feedback, and management reviews, we continuously evaluate and enhance our quality management practices to achieve superior results. This policy applies to all functions and projects of Vega Electric and shall be communicated, understood, and implemented by all employees and relevant stakeholders. It is reviewed annually for continued relevance and effectiveness. SHERIF DARWESH C.E.O CONTROLLED DOCUMENT JMS/HRQ/MS-04 28/06/2025 Version 01	OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM POLICY STATEMENT VEGA ELECTRIC At Vega Electric Company Limited, we are committed to protecting the health, safety, and well-being of all employees, contractors, subcontractors, visitors, and the communities in which we operate. We recognize that effective occupational health and safety (OHS) performance is not only a legal requirement but also a critical element of our business integrity and sustainability. This Occupational Health and Safety Management System (OHSMS) has been developed in alignment with ISO 45001:2018 and national regulatory standards, including OSHA Act No. 15 of 2023, to provide a structured approach to risk management and continuous improvement in safety performance. OUR KEY COMMITMENTS: Legal and Regulatory Compliance: We shall comply with all relevant Tanzanian OHS laws, regulations, and client requirements, ensuring that safety obligations are met or exceeded in all work environments. Hazard Identification and Risk Control: We will proactively identify, assess, and control workplace hazards through structured processes such as Job Hazard Analysis (JHA), risk registers, and Permit-to-Work systems, minimizing the likelihood of incidents and occupational illness. Leadership and Responsibility: Vega Electric's management is fully accountable for fostering a strong safety culture. Clear responsibilities are defined at all levels, and safety is embedded as a core value across all departments and activities. Workforce Participation and Training: We shall ensure all personnel are trained, competent, and actively involved in safety matters through continuous capacity building, safety briefings, awareness campaigns, and open communication. Emergency Preparedness and Incident Response: Emergency plans and procedures are established and regularly tested to prepare for potential risks such as fire, electrical failure, falls, and other workplace incidents. Subcontractor Safety Management: All subcontractors engaged by Vega Electric must comply with the company's OHS standards and procedures. They are required to undergo safety inductions and submit relevant risk assessments before mobilization. Their compliance is continuously monitored through audits and inspections. Continuous Improvement: We are committed to reviewing and improving our OHSMS through regular audits, performance monitoring, root cause analysis of incidents, and incorporation of lessons learned. This Policy Statement reflects Vega Electric's commitment to ensuring that every individual returns home safe and healthy each day. It also reinforces our position as a reliable, responsible, and safety-conscious contractor within Tanzania's electrical and infrastructure sectors. The system shall be reviewed annually, or as necessary, to maintain relevance and effectiveness. SHERIF DARWESH C.E.O CONTROLLED DOCUMENT JMS/HRQ/MS-02 28/06/2025 Version 01	SUSTAINABILITY POLICY STATEMENT VEGA ELECTRIC At Vega Electric Company Limited, sustainability is a core value that guides our operations, decision-making, and long-term business strategy. We are committed to conducting our business in a manner that delivers economic value while protecting the environment, supporting social development, and upholding ethical standards. This Sustainability Policy reflects our dedication to balancing profitability with responsibility—integrating our environmental footprint, minimizing our positive social impact and contributing to the broader sustainable development goals (SDGs) in Tanzania and beyond. OUR SUSTAINABILITY COMMITMENTS: Environmental Responsibility - Complying with all relevant environmental legislation, including the Environmental Management Act (EMA) 2004 and guidelines issued by MEMA. - Minimizing waste, emissions, and resource consumption through efficient technologies and environmentally friendly practices. - Promoting biodiversity protection, land reclamation, and pollution prevention across all project sites. Social Commitment - Providing a safe, inclusive, and respectful workplace where employee rights, welfare, and well-being are protected. - Engaging with local communities through responsible practices, employment opportunities, and meaningful stakeholder dialogue. - Respecting human rights and promoting ethical labor practices in our operations and supply chains. Economic and Operational Integrity - Integrating sustainability into business planning, procurement, and project execution to ensure long-term value creation. - Encouraging innovation and continuous improvement to enhance productivity while reducing environmental and social risks. - Building strong relationships with clients, partners, and suppliers who share our commitment to sustainability. Governance and Transparency - Upholding high standards of corporate governance, accountability, and ethical conduct. - Regularly reviewing and reporting on our sustainability performance, goals, and achievements. - Embedding sustainability considerations into all levels of decision-making and operational procedures. This policy applies to all employees, contractors, and third-party partners working under the control or direction of Vega Electric. It is reviewed periodically to ensure continued alignment with legal requirements, stakeholder expectations, and evolving sustainability practices. Together, we drive progress while preserving the future. SHERIF DARWESH C.E.O CONTROLLED DOCUMENT JMS/HRQ/MS-07 28/06/2025 Version 01
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OUR VISION

To be market Leaders and Trusted Partner to our Customers in providing Fully Integrated Electrical Solutions and Systems Engineering Automation, Focusing on Enriching Customer's Profitability, Sustainability, Safety, and Innovation.

OUR MISSION

- To Deliver Business Value to Customers Effective Selections, Design & Deployment Best in Class Solutions & Services Enabling our Customers Deploying their resources more effectively and efficiently, where it can reduce cost, improve Safety and Increase Performance.
- Focus, Build and Train Great Team Updated with latest technologies and Standards

OUR VALUES

CUSTOMER SATISFACTION

Our pride is to see our customers get satisfied

EFFICIENCY

We provide quality solution using minimum number of resources

INTEGRITY

We are honest and we always apply strong moral principles

RELIABILITY & SAFETY

We are trustworthy, and we always adhered to standard working safe environments.

ON TIME DELIVERY

We understand time is money thus we always deliver our work in time

PROFESSIONALISM

Our employees are well trained to offer quality solution

Our Solutions



ENGINEERING

- Basic Engineering.
- Detailed Engineering.
- Autocad Design.
- Short Circuit Studies.
- Load Flow Studies.

SUPPLY

- LV Distribution Board.
- MV Switch gear.
- MCC, I/O panels, Lighting & Services Panels.
- Power Transformers upto 25MVA.
- LV, MV & Control Cables.
- All types & Sizes of Cable Trays.
- LV, MV Variable Speed Drives (ABB, SIEMENS, SCHNEIDER).
- Rubber Belt Conveyor.

AUTOMATION & INSTRUMENTATION

- Automation Level 1&2 PLC.
- Software Engineering and Programming.
- Field Instrumentation (Proximity Switch, Flow meters, Vibration Sensors, Temperature & pressure sensors...).
- Visible Cut off Switch (VCS).

TURNKEY SOLUTIONS

- Surveying.
- Design.
- Supply.
- Installation.
- Commissioning.
- Start Up.
- System Commissioning.

Field Services

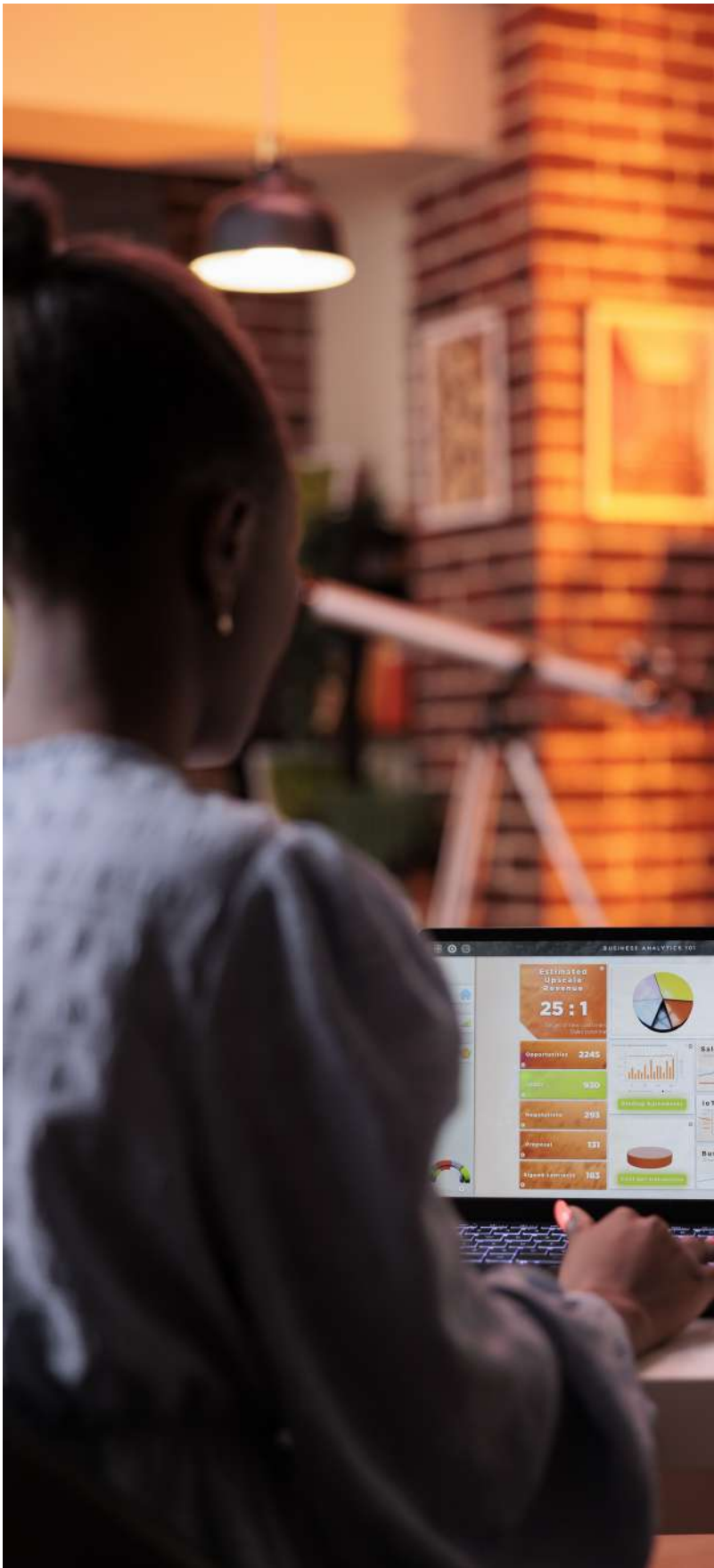
- Preventive maintenance Contracts.
- Maintenance Contracts.
- Compressed Air Solutions.
- Motor repair.

Utilities

- Lightning Systems.
- Earthing Systems.
- HVAC Systems.
- Fire Alarm, Suppression & Detection Systems.
- Energy Management.
- BMS (Building Management System).
- Solar Panel System Installation.
- Integration with Diesel Generator (Hybrid Systems).
- On-Grid Solar System Installation & Commission.



BUSINESS PORTFOLIO



Segments

-  Manufacture Industries & Mining
-  Power & Energy
-  Oil & Gas
-  Water
-  Infrastrucure





AGENCY & CHANNEL PARTNER

VEGA Electric Offers Certified by SCHNEIDER Electric:

-Critical Power EcoXpert for Power & Energy Management in critical Solutions, including Energy & Power Management (PME), MV Primary & secondary solutions, LV solutions, Power factor Correction, uninterrupted Power Systems (UPS), Battery chargers, Busways and Transformers.

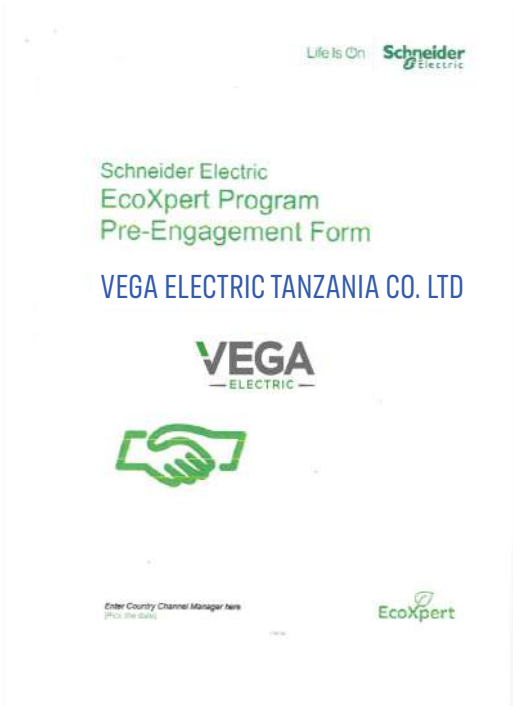
-BMS EcoXpert for Building Management Systems Solutions.

-Lighting & Room Control EcoXpert for all lighting Solutions and Smart room controls.

-Datacom EcoXpert for Data & IT networks Solutions.

-Substation & process Automation EcoXpert for energy, substation & process automations solutions.

-Services Provider (Including Installation, commissioning & Startup) & After Sales, Spare parts, Retrofit Services.

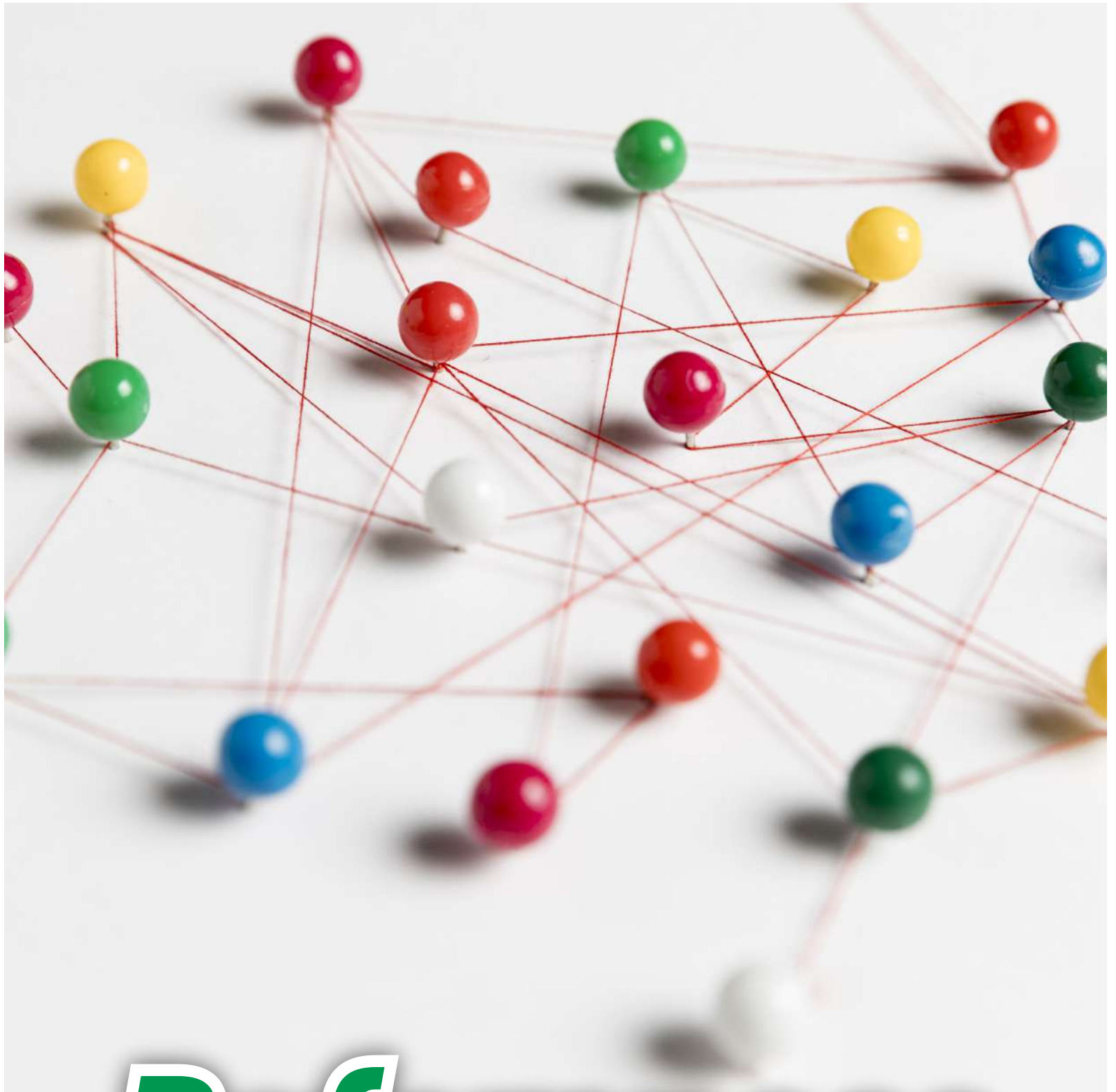


Our Partners & Suppliers



Our Customers





References



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Turnkey Solutions



HV/MV Substation Turn-Key Solutions



- Supply, Construct and commissioning all Civil Works for Transformer base, steel structure for all electrical parts isolators, CBs and overhead transmission lines.
- Transformer is 25MVA, 132/3.3KV, 75 Tons.
- Installing all mechanical Steel Structure and accessories.
- Installing the HT CBs and insulators.
- Installing the MV SWG, cable Trays and Cables.
- Commissioning & Start up.

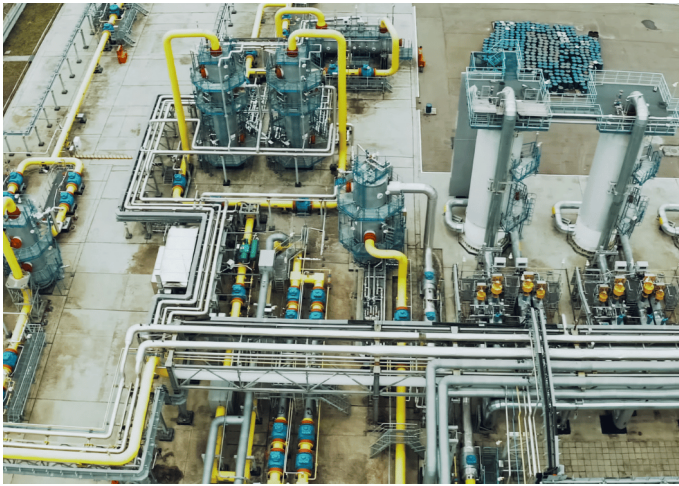


HV/MV Substation Turn-Key Solutions



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Electrical & Automation Solutions



- Supply, Install and commissioning of Control & Power Cables.
- Supply, Install, Commissioning and start up MCC.
- Supply, Install, Commissioning and start up Automation System.
- Supply, Install & Commissioning of VCS (Visible cut of Switch).
- Supply, Fabricate and Install Cable routing with cable ladder.



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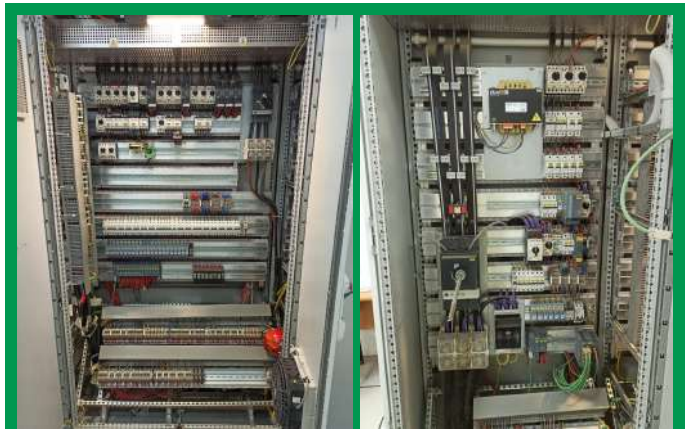
Electrical & Automation Solutions

- Supply, Install, Commissioning & Start of I/O Junction Boxes.
- Supply & Install Lighting LED Flood fixture.
- Supply, Install, Commissioning & Start up Lighting Distribution Panel (LDP).
- Supply, Install & Testing of Complete Earthing System.
- Supply, Install & Fabricate set of Steel, HDG Pipes, cable termination & Accessories.



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Electrical & Automation Solutions

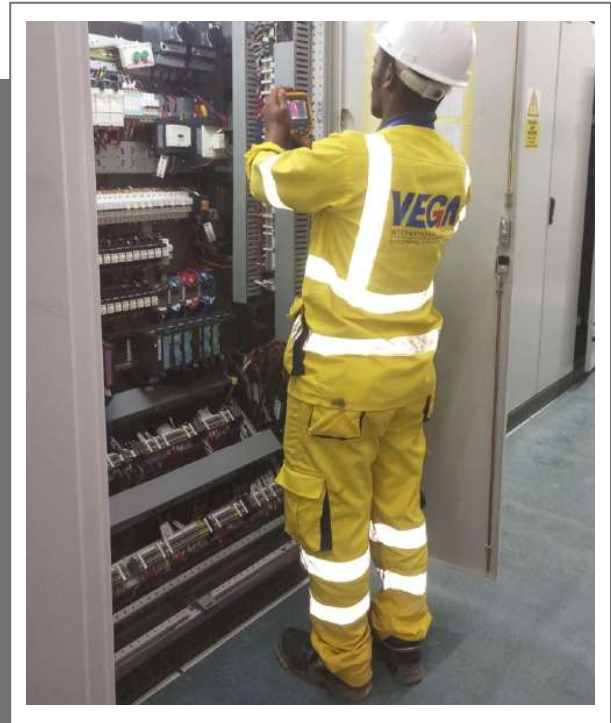


- Supply, Install, Commissioning & Start up Pull cord switches and accessories.
- Supply, Install, Commissioning & Start up Drift switches and accessories.
- Supply, Install, Commissioning and start up Soft Starters equipped inside the MCC.
- Supply, Install, Commissioning & Start up Fire Alarm System sensors, cables & Accessories.



Power & Energy Solutions

- Supply, Install, Commissioning & Start up Cubicle of Schneider Mcset 123, 11KV, SF6 CB.
- Fabrication for new basement frame for new switch gears.
- Disconnect all existing cables from existing switch gears and prepare them to be terminated at incomer panel.
- Dismantle the old & Existing Switchgears.
- Assembling of new Switchgears.
- Termination of cables to new Switchgears.
- Insulation testing for breakers, busbars & Cables.



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Cable Management Solutions



- Supply & Install Cable tray with different sizes.
- Supply Steel structure Fabrication, Design & assign the steel parts needed for overhead cable routing.
- Assembly on ground the steel parts for the whole overhead cable rack.
- Fixing the H-beams supports on the ground foundations.
- Fabricate the cable ladder and assembly bolts for the whole routing.



Weigh Bridge & Fluxo Solutions

- Uplifting the old platform for levelling and modifications.
- Install and supply civil works, material handling.
- Old Platform Modifications, alignment and levelling.
- Modify and enhance ramps for in and out trucks way to match levelling of the modified platform.
- Supply, Fabricate and install cable routing for the whole systems.



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Weigh Bridge & Fluxo Solutions



- Install & Alignment the load cells 50 tons.
- Connect the control cables for load cells after alignment.
- Installing the junction box for load cells and connect the cables.
- Installing the process controller and connect all required interface signals.
- Testing & Weigh calibration for the whole system by using known calibrated weight.
- Commissioning & start up the whole system.



Power Monitoring & Energy Management Solutions

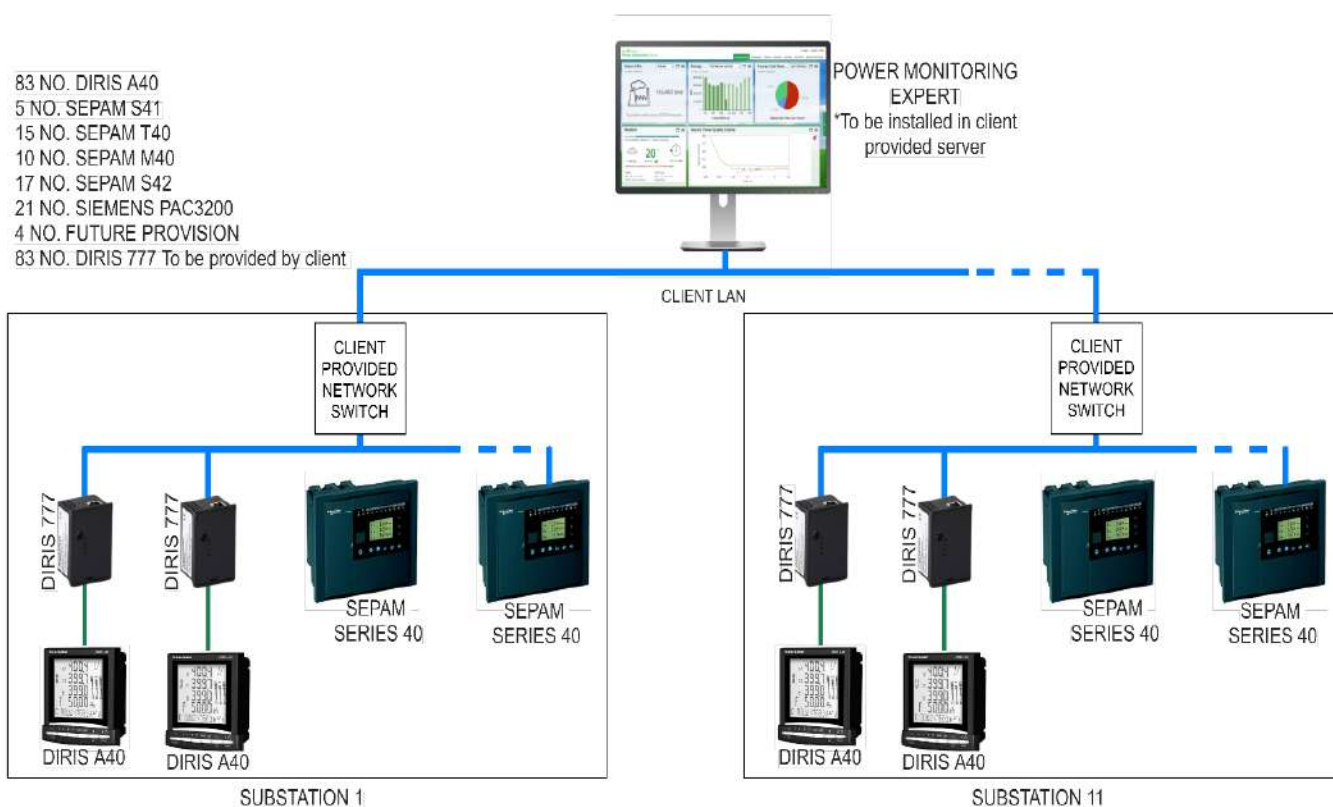
The proposed installation and deployment of the Power monitoring system will be able to provide real-time and historical logs as well as analytics for 155No. metering points in 11No. substations for:

- Current, voltage and frequency,
- Power and power factor,
- Energy consumption,
- Power quality ,

Programming and configuration of the power monitoring software.

Provision of documentation required to operate the Power Monitoring System.

Testing and demonstration of the Power Monitoring system.



A photograph of an industrial compressed air system. In the foreground, a large, dark grey Atlas Copco control cabinet stands on the left, featuring a digital display screen and a red emergency stop button. To its right, two vertical air storage tanks are visible, connected by a network of stainless steel pipes. The background shows more industrial infrastructure, including large horizontal pipes and a clean, well-lit facility floor.

Compressed Air Solutions

Compressed Air Solutions



IN COMPRESSED AIR SERVICES WE CAN PROVIDE THE FOLLOWING:

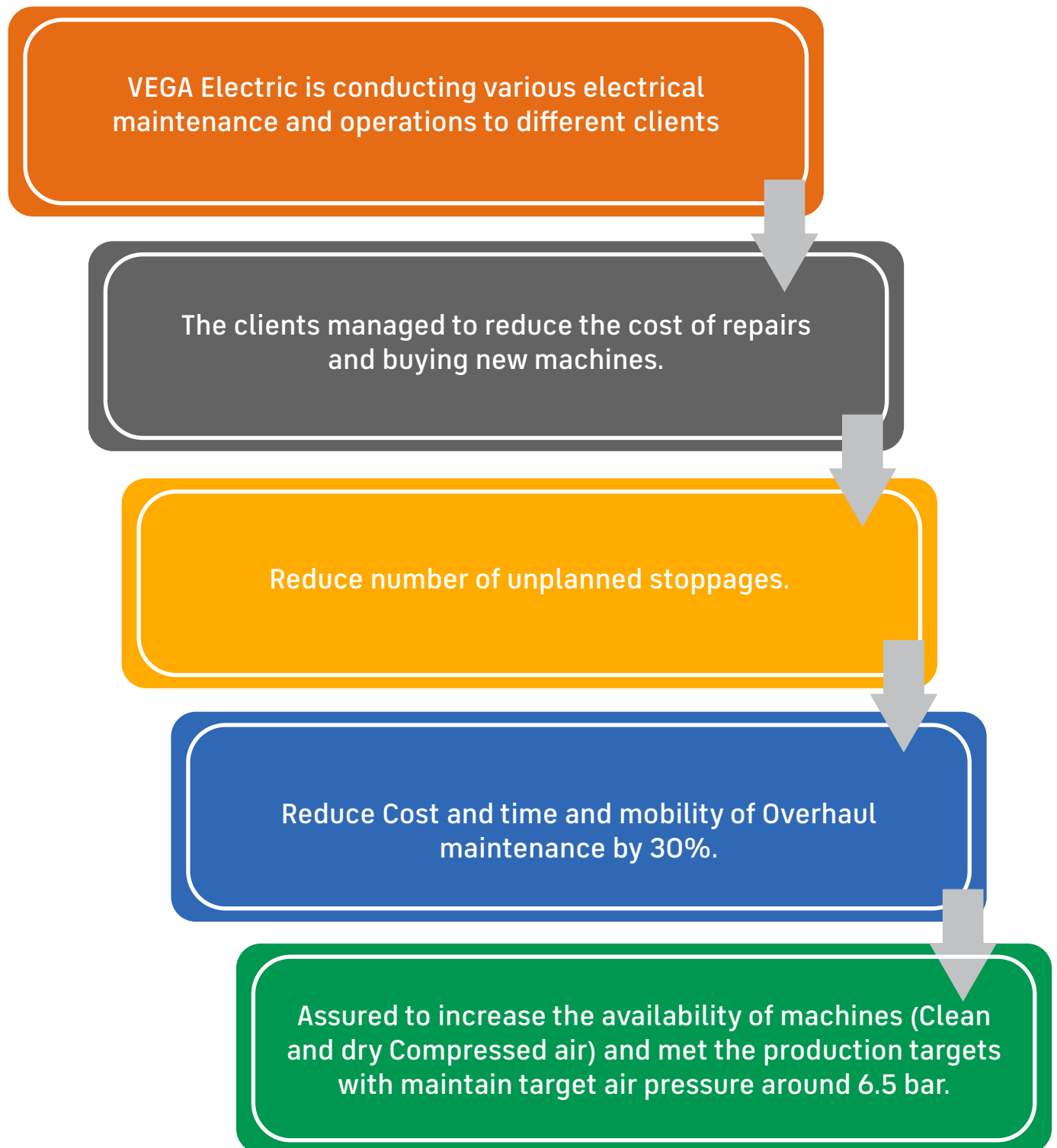
In Compressed Air Services we can provide the following:

- Spare Parts solutions with highly competitive prices.
- Preventive, Maintenance & Operations Consignment and annual contracts .
- Overhaul maintenance and services for all Ranges of air compressors & roots Blower .
- Design, Supply, Install & Commissioning for air compressor stations.
- Design, Supply, Install & Commissioning for compressed air network & piping works.
- Air dryer solutions to improve efficiency of clean & dry compressed Air.
- Design, Supply, install & Commissioning for Roots Blower.



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Reference Value Proposition

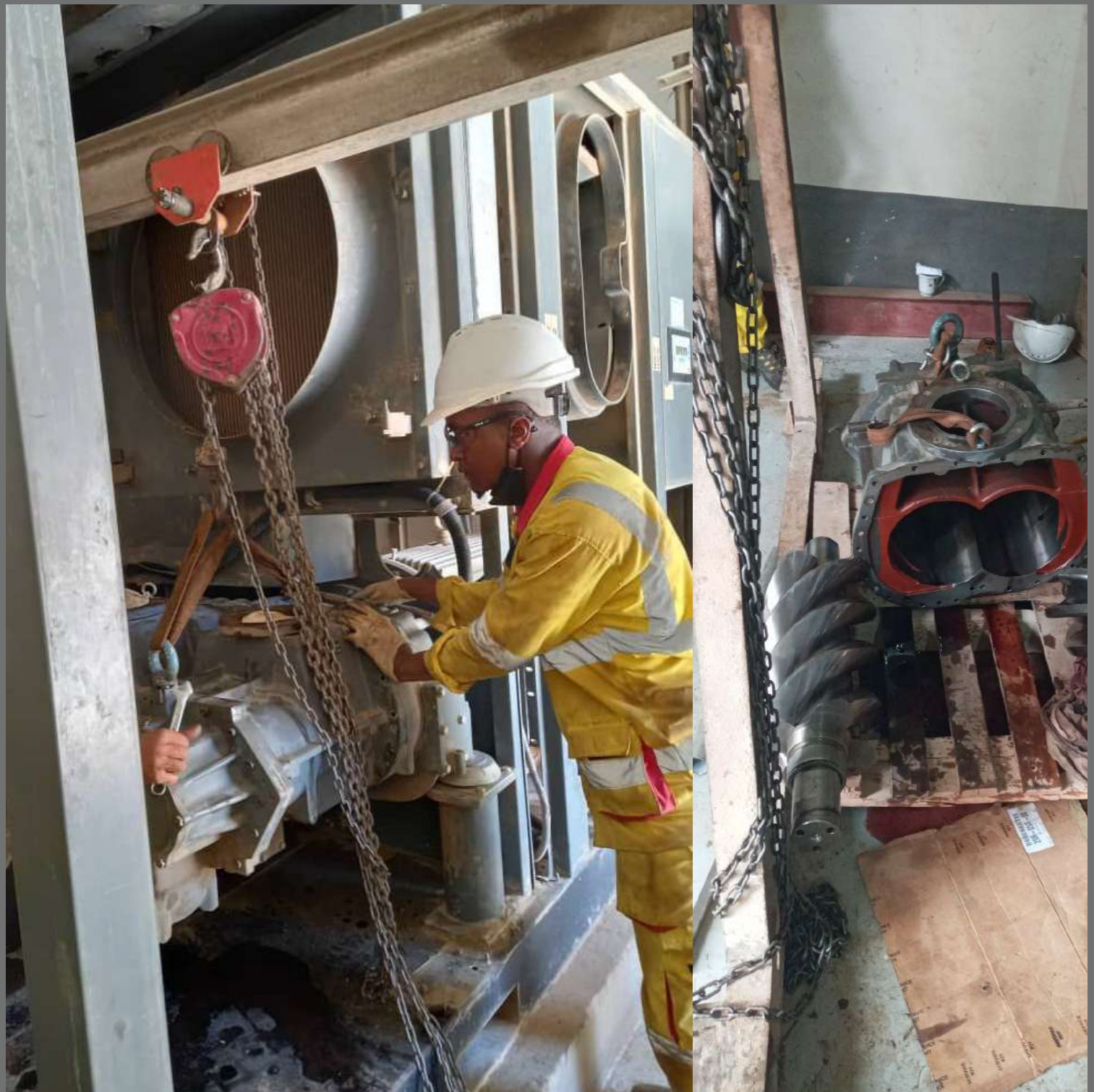


Duties Performing & Services

- Daily condition monitoring for all Compressor, Air Blowers and Air Dryers.
- Troubleshooting and Services (Minor, Major) for all types of Compressors and Air Blower.
- Preparing Daily reports (all important parameters of machines) and any kind of abnormal conditions reported and highlighted in the report and submitting it to the client .
- provide the recommended spare parts lists and submit to the Client.
- Checking and recording airdries performance and to insure dry compressed air.
- Provide a plan on weekly basis for minor and major service of machines.
- Cleaning all Electrical cubicles of the compressor unit with an electrical blower.
- Cleaning and to ensure all condensate drain systems work properly.



Compressor Overhaul



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Overhaul Compressor



The Recommended Services

Description	PM/ Frequent daily checks	Service A	Service B	Service C
Check the readings on a Display	√	√	√	√
Check oil level	√	√	√	√
Check Condensate drain operation	√	√	√	√
Clean air filter element	√	√	√	√
Clean Electrical Cubicles with blower	√	√	√	√
Change oil Filter		√	√	√
Change Compressor Oil		√	√	√
Change Air filter Element		√	√	√
Service Unloader valve			√	√
Change thermostatic valve				√
Repair Unloader Valve			√	√
Replace Check Valve			√	√
Repair oil stop valve			√	√
Regrease Main Motor				√
Service MPV			√	√
Change Oil Separator			√	√



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Compressor Air Network & Installation

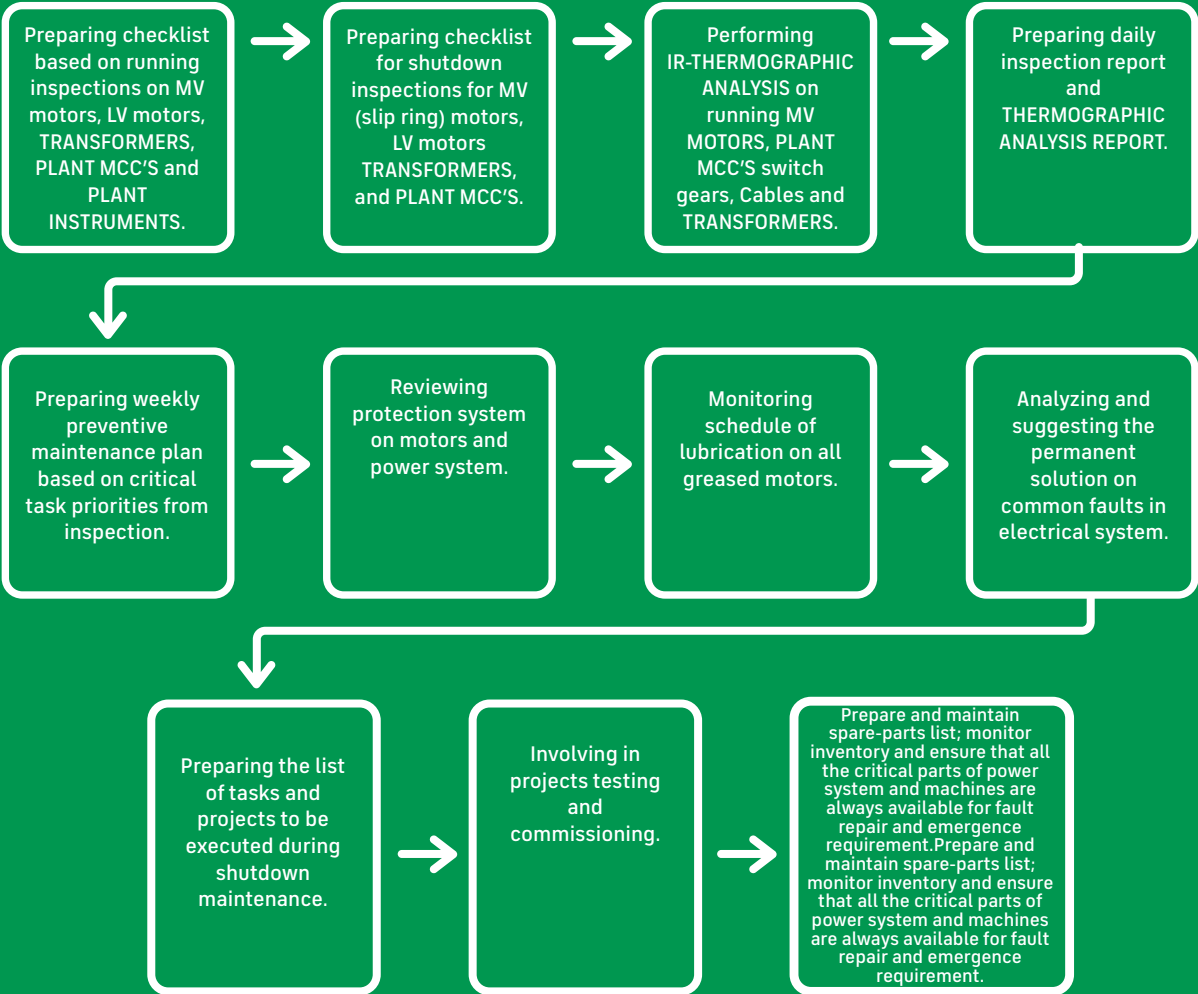


- Supply & install All Material Required for Installing the cables and cable trays for connecting the Power cables feeding Comp.
- Design for cables Network and sizing.
- Design and submit room arrangement for Compressor.
- Design Piping network and routing from Compressors room up to Production lines.
- Supply & Install all piping network 350Mt with all elbows, flanges, Reducers, valves, T-connections & all accessories.
- Making overhaul maintenance to all oil free compressors after shifting them to new compressor room.
- Connect all power cables and do the modifications needed.
- Commissioning & start up for compressors with CCR and insure delivering sufficient target pressure according production needs.





Duties Performed in Preventive Maintenance



Inspection Tools

THERMO IMAGING CAMERA – for IR thermographic analysis.

STETHOSCOPES – for bearings monitoring.

THERMO GUNS – for temperature monitoring.

VIBRATION ANALYSERS – for vibrations monitoring.

MULTIMETERS – voltage measurement.

CLAMP METERS – for current measurement.

MEGA – for insulation resistance testing.



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Inspections Process

- Inspection of bearings of LV motor.
- -Inspection of breaker fingers. For a 3.3KV,2500A MV breaker.
- Slip rings check up and carbon brushes for MV motors.
- Transformer inspection.
- Motor temperature and bearings monitoring.
- MV Motor Slip Ring Skimming.
- 25MVA Transformer insulators cleaning.



Thermographic Analysis Report

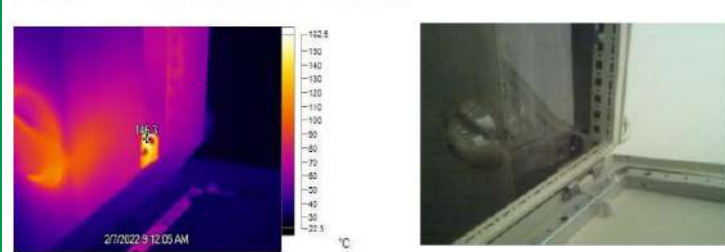
- One phase was overheating at bus bar termination, TEMP=96C
- Bus bar was overheating at the joint, temp=146C
- ALL THESE WAS DUE TO LOSE CONNECTION, RECTIFIED BY TERMINAL TIGHTNESS.



Marker Info

Marker Name	Maximum	Minimum	Average	Emissivity	BG Temp	Std.Dev	Delta-T
Centerpoint	96.0 °C	96.0 °C	96.0 °C	0.95	22.0 °C	0.00	

B2 PANEL - BUS BAR TEMPERATURE SCANNING



Marker Info

Marker Name	Maximum	Minimum	Average	Emissivity	BG Temp	Std.Dev	Delta-T
Centerpoint	146.3 °C	146.3 °C	146.3 °C	0.95	40.8 °C	0.00	



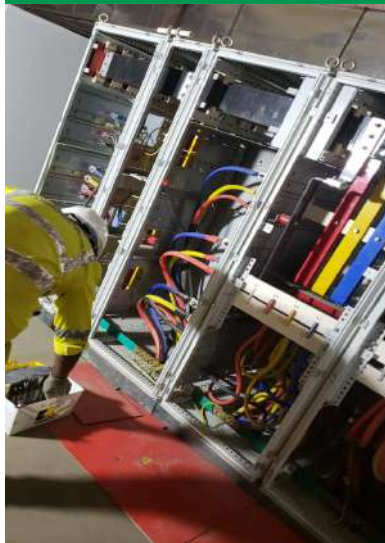
Preventive Maintenance & Rehabilitation Solutions

We have Five(5) competent teams:

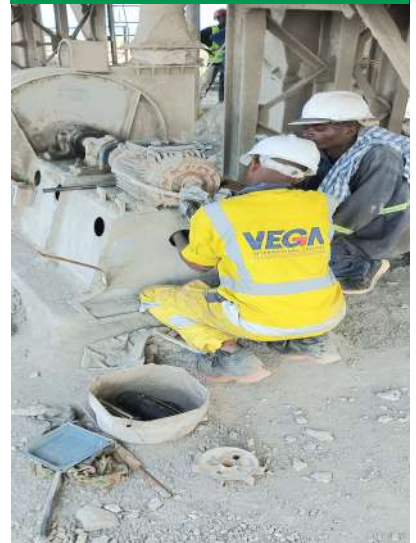
- Motor Overhauling team.
- Instrumentations.
- Electricians.
- Fitters.
- Welders.



General service of MCC Panels



Motor overhauling for all cement Mill circuit.



Wiring of I/O Cards and Troubleshooting of Signals.



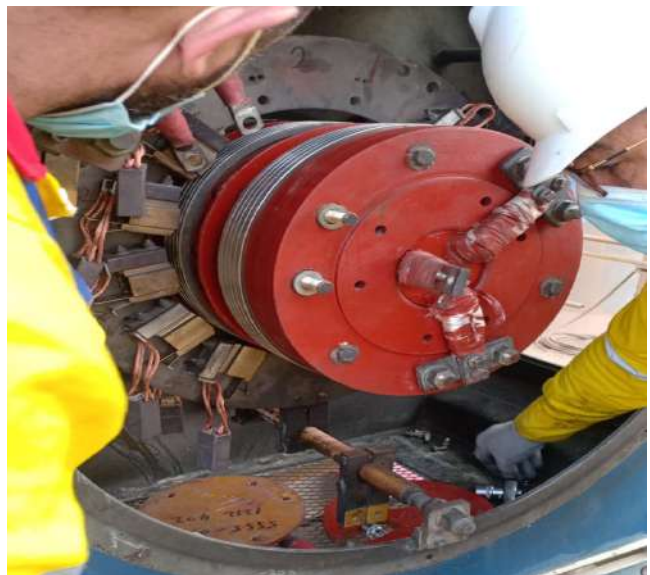
Power Cables Terminations.



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MV/LV Motors Overhauling & Maintenance Solutions

- Deinstallation of the motors power cables.
- Supervision of the dismantle of the motors and transfer it to workshop.
- Deinstallation of carbon brushes and brush holders.
- Deinstallation of the brush bridges.
- Replacement for DE Bearing.
- Replacement for NDE Bearing.
- Transfer the motor to site and install the motor back.
- Clean and adjust the brushes and the holders after installation.
- Manufacturing and install the table for slip ring portable lathe.
- Machining of the slip ring surface depending on the corresponding damages.
- Measurement of the roughness depth of the already treated slip ring.



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MV/LV Motors Overhauling & Maintenance Solutions

- Measurement of the run out of the treated slip ring.
- Check and adjust, if necessary, the liquid starter.
- Test run the motor decoupled.
- Monitoring the stop oil.
- Review and check bearing grease.
- Monitoring of oil cooler and air cooler.
- Monitoring all compressor hoses and change the defect if necessary.
- Overall cleaning for whole compressors.





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