

Company Profile

رؤية
VISION
2030
المملكة العربية السعودية
KINGDOM OF SAUDI ARABIA



ALHALEEF
For Motors & Generators



Table of Contents

Mission	4
Vision	4
Our Principels	5
Why Us	6
Our Services	8
Predictive & Preventative Maintenance Services	9
Field Services	10
Workshop Services	11
Fabrication	14
Tests	14
Our Customers	16
Facility and Equipment`s	17
Workshop area	18
Gallery	20

Welcome to Alhaleef-Tech, your trusted partner in high-quality electric motor solutions. where precision meets power in the heart of Riyadh. Established in 2002, our electric motor winding workshop trusted name in the industry, offering unparalleled expertise and reliability.

At Alhaleef-Tech, we specialize in the art and science of electric motor winding. Our state-of-the-art facility is equipped with cutting-edge technology and machinery, and manned by a team of skilled technicians and engineers, allowing us to handle a diverse range of electric motor winding requirements. Whether you need rewinding, repairs, or custom winding solutions, we have the expertise to cater to your specific needs.

Vision

We strive as a company to provide quality and complete value-added to all kinds of Electrical Motors to improve the service of all factories. We measure our success by company growth and the retention of customers. We fight to remain at the top of the motor winding companies in the Middle East.

Mission

Our goal is to assist and lead our customers to improve the efficiency of Electrical Motors. We provide service excellence with a personal touch by developing and implementing Electrical Motors solutions that enhance the factories of our clientele. We proactively apply all of our resources to sustain the condition and functionality of all plant assets to achieve the maintainability related to max TEEP (Total Effective Equipment Performance).



Why us?

Over the course of more than two decades, we have been able to build a great and good reputation with many customers and large factories in the Kingdom, and we have gained great trust from them in addition to continuity with them over many years, in addition to the advantage of quick support 24 hours a day, 7 days a week. We fight to apply the equation of quality for the lowest price, so you will always guarantee the best solution to your problem at the lowest price in the market. What distinguishes us is that what we always strive for is quality. Therefore, we are keen to use the best materials in the world, in addition to using the best and most accurate devices and tools to solve all problems and ensure that the problem does not occur again. All these features and more make us the trust partner for your electric motors solutions.



These values serve as the guiding principles that shape our culture, drive our decisions, and define our commitment to excellence in the electric motor winding industry.

For over two decades, Alhaleef Electrical Motors Workshop has served as a trusted leader in the industry, providing unparalleled service and expertise in electric motor repair, rewinding, and maintenance. From predictive and preventative maintenance to field services, shop services, and machining services. Our workshop boasts a team of highly skilled technicians and engineers with extensive experience in all aspects of electric motor servicing.



Our Services

Predictive & Preventative Maintenance Services

- ⚙️ Dynamic balancing.
- ⚙️ Infrared thermography & analysis.
- ⚙️ Laser alignment.
- ⚙️ Vibration analysis.
- ⚙️ Winding analysis.
- ⚙️ Partial discharge testing.
- ⚙️ Motion amplification.
- ⚙️ Oil analysis.
- ⚙️ Ultrasonic testing.
- ⚙️ Scheduled outage service & troubleshooting.
- ⚙️ Contract maintenance programs.
- ⚙️ Motor cleaning & lubrication programs.
- ⚙️ Motor commissioning services.
- ⚙️ Bearings change in site.
- ⚙️ Electrical testing.
- ⚙️ Equipment assessment.

Our Services

Field Services

- ⚙️ Electric Motors Maintenance.
- ⚙️ Generators Maintenance, erection, and alignment.
- ⚙️ Transformer On-site Maintenance.
- ⚙️ Transformer Oil purification.
- ⚙️ Transformer Oil Sampling & Testing.
- ⚙️ Brush surveying.
- ⚙️ On-Site Dynamic Balancing.
- ⚙️ In-field rewinding.
- ⚙️ Rewedging.
- ⚙️ On-site machining.
- ⚙️ Sheave regrooving.
- ⚙️ Commutator repair.
- ⚙️ Turning and undercutting.
- ⚙️ Welding.
- ⚙️ Removal and installation.
- ⚙️ Brushgear overhaul.
- ⚙️ On-site slip ring turning & machining.
- ⚙️ On-site commutator turning & undercutting.
- ⚙️ Turnkey removal & reinstallation services.
- ⚙️ Current Spectrum Analysis.
- ⚙️ Vibration measurements and spectrum analysis.

Our Services

Workshop Services

⊗ Electrical Services

⊗ Mechanical Services

⊗ Electrical Services

⊗ AC/DC Motors Repairs: -

- ⊗ All LV, MV, and HV motors (Maximum voltage range – 13.8 kV).
- ⊗ From fractional power motors to motors of power rating up to 60,000 hp (4.47 MW).
- ⊗ Standard and custom-made motors (with or without OEM support/designs).
- ⊗ Motors from almost all manufacturers.
- ⊗ AC Motor Rewind, Repair & Overhaul Wire wound stators.
- ⊗ AC Motor Rewind, Repair & Overhaul Squirrel cage rotor bars
- ⊗ AC Motor Rewind, Repair & Overhaul Wire wound rotors.
- ⊗ Rewind & Repair of Refrigeration compressors.
- ⊗ Rewind & Repair of Centrifugal and Submersible pumps (waste and clear water).
- ⊗ AC Motor Rewind Repair Overhaul Soft & Moulded coil stators.
- ⊗ AC Motor Rewind Repair Overhaul Slip ring rotor.
- ⊗ DC Motors Repair Field coils.
- ⊗ DC Motors Repair Interpoles
- ⊗ DC Motors Repair Compensatory windings.
- ⊗ DC Motors Repair Armature coils.
- ⊗ DC Motors Repair and replacement of Commutators.
- ⊗ Supply carbon brushes.

Our Services

Workshop Services

⚙️ Electrical Services

⚙️ Mechanical Services

⚙️ Electrical Services

⚙️ Generators Repair: -

- ⚙️ Stator Alternator Rewind, Repair & Overhaul Wire wound stators.
- ⚙️ Rotor Alternator Rewind, Repair & Overhaul.
- ⚙️ Stator Exciter Rewind, Repair & Overhaul Wire wound stators.
- ⚙️ Rotor Exciter Rewind, Repair & Overhaul.

⚙️ Pumps Repair: -

- ⚙️ Submersible Pumps Repair & Overhaul.
- ⚙️ Sump Pumps Repair & Overhaul.
- ⚙️ Screw pumps (One screw/multiple screws) Repair & Overhaul.
- ⚙️ Borehole Pumps Repair & Overhaul.
- ⚙️ Booster Pumps Repair & Overhaul.
- ⚙️ Radial Pumps Repair & Overhaul.
- ⚙️ Axial Pumps Repair & Overhaul.
- ⚙️ Air Pumps Repair & Overhaul.
- ⚙️ Gear pumps (External/internal) Repair & Overhaul.
- ⚙️ Lobe pumps (Single, bi-wing, tri-wing, multi-lobe) Repair & Overhaul.
- ⚙️ Vane pumps (Unbalanced, balanced, variable displacement) Repair & Overhaul.
- ⚙️ Plunger pumps (From duplex to multiplex) Repair & Overhaul.
- ⚙️ Sewage Pumps Repair & Overhaul.
- ⚙️ Piston pumps (lift, force, axial, etc.) Repair & Overhaul.
- ⚙️ Heating Pumps Repair & Overhaul.
- ⚙️ Vacuum Pumps Repair & Overhaul.
- ⚙️ Borehole Pumps Repair & Overhaul.
- ⚙️ Diaphragm Pumps Repair & Overhaul.
- ⚙️ Industrial Pumps Repair & Overhaul.

Our Services



Workshop Services



Electrical Services



Mechanical Services












Mechanical Services















- ⚙ Shaft Replacement.
- ⚙ Rotor re-barring.
- ⚙ Metalizing & Rebuilding of worn-out shaft.
- ⚙ Repair of Housings, End -shields and other components.
- ⚙ Repair/Fabrication of Impeller.
- ⚙ Core Laminations Staggering/Replacement.
- ⚙ Commutator /Slip ring rebuilding and repair.
- ⚙ Spare Stator and Rotor by reverse engineering and redesigning.
- ⚙ Rotor and stator lamination replacement.
- ⚙ Housing and Journal reclaiming.
- ⚙ Cooling system repairs.
- ⚙ Replacement of worn-out coupling.
- ⚙ Replacement manufacturing (reverse engineering).
- ⚙ Housing replacement.
- ⚙ Horizontal balancing.

Our Services

Fabrication

-  LV, MV, and HV coils.
-  Sheaves.
-  Stator coils and rotor bars.
-  Field and interpole coils.
-  Complete armature design and build.
-  Complete manufacturing of Commutator.
-  Laminations.
-  Armature coils.
-  Shaft replacement.

Tests

-  Load test.
-  Core test.
-  Armature test.
-  Field test.
-  Insulation resistance test.
-  Polarization Index test.
-  AC voltage drop test.
-  Bar To Bar Test.
-  Growler Test.
-  Run Test.
-  Surge Test.
-  D.A & P.I test.
-  HI-POT test.
-  Winding Resistance test.

Our Customers



أراسكو
ARASCO



ALINCO
Riyadh International Company
الشركة العالمية للألمنيوم



توزيع
TAWZEA



شركة مجموعة كابلات الرياض
Riyadh Cables Group Company



izomaks
إيزوماكس

الشركة المتحدة للمحولات الكهربائية
United Transformers Electric Company

Zamil
Air Conditioners



المنيف للأنابيب
ALMUNIF PIPES



شركة الانعزال الهدنية المحدودة
Civil Works Company LTD.

YORK



حديد الرياض
RIYADH STEEL

حديد الوطنية
watania steel



اسمنت اليمامة
YAMAMA CEMENT



الفنار
alfanar

SMI
ميكانيكية
الشركة السعودية للصناعات الميكانيكية
SAUDI MECHANICAL INDUSTRIES CO.

SL
الشركة السعودية
للصناعات الحجرية

جامعة
الملك سعود
King Saud University

Our Customers



Facility and Equipment's

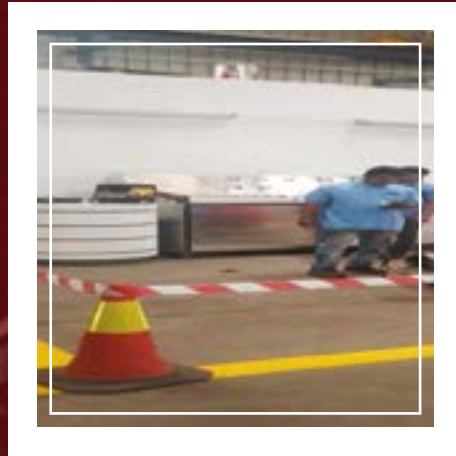
1.1	Workshop Area	1500 m ²
	Mechanical Workshop	
	Overhead Crane	15,000 KG , Capacity
	Lathe Machine	Swing : 1000 mm ; Length : 3000 mm
	Lathe Machine	Swing : 800 mm ; Length : 2000 mm
	Lathe Machine	Swing : 400 mm ; Length : 1500 mm
	Radial Drilling Machine	Available
	Drilling Machine	Available
	Welding Machine	Available
	Grinding Machine	Available
	Machining	In-House
	Fabrication	In-House
	Cleaning Equipment's	Air Compressor – Hot & Cold Water Cleaning – Steam Cleaning
	Tools/General Metric	Available
	Tools for Dismantling / Assembling	Available
	Pulling Devices for Coupling / Bearings / Fans	Available
	Induction Heater for bearings	Available
	Balancing Machine	available up to 25 ton
	laser alignment	available vertical and horizontal
1.2	Electrical Workshop	
	Stator & Rotor Rewinding	In-House
	Stripping Machine	Available
	Insulation Varnish	Class : F & H
	Cleaning Equipment's	Air Compressor – Hot & Cold Water Cleaning – Steam Cleaning Vacuum Cleaning
	Drying Oven	H : 3000 mm ; W : 3000 mm ; D : 3500 mm
	Drying Oven	H : 1000 mm ; W : 1000 mm ; D : 1000 mm
	Test Console Panel (AC & DC)	Available (Up to 700 A)

Workshop area

Our Workshop



Test Area



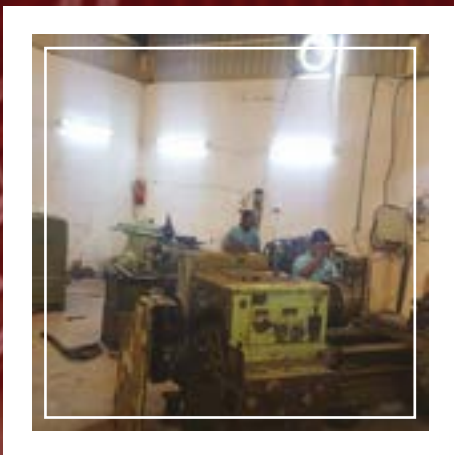
Large Motors Rewinding



L.T Rewinding Area



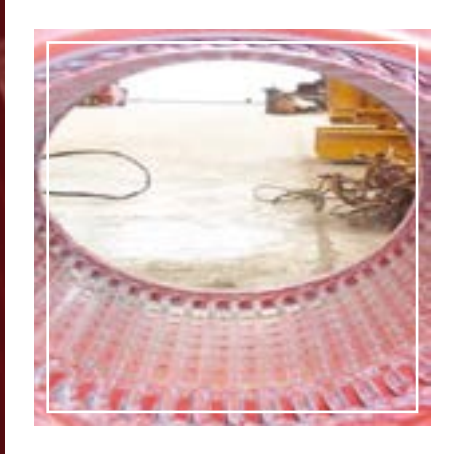
Machining Area



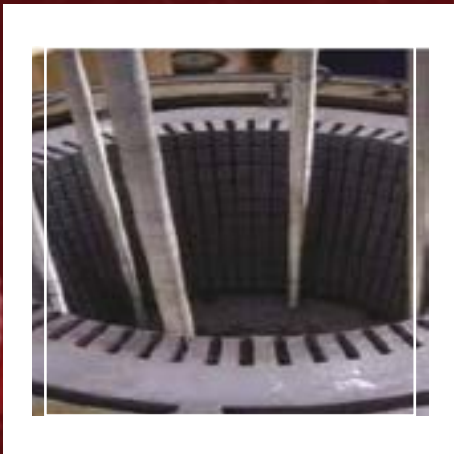
Dry Oven



Overhauling of MV Motor



Stator Core Restacking



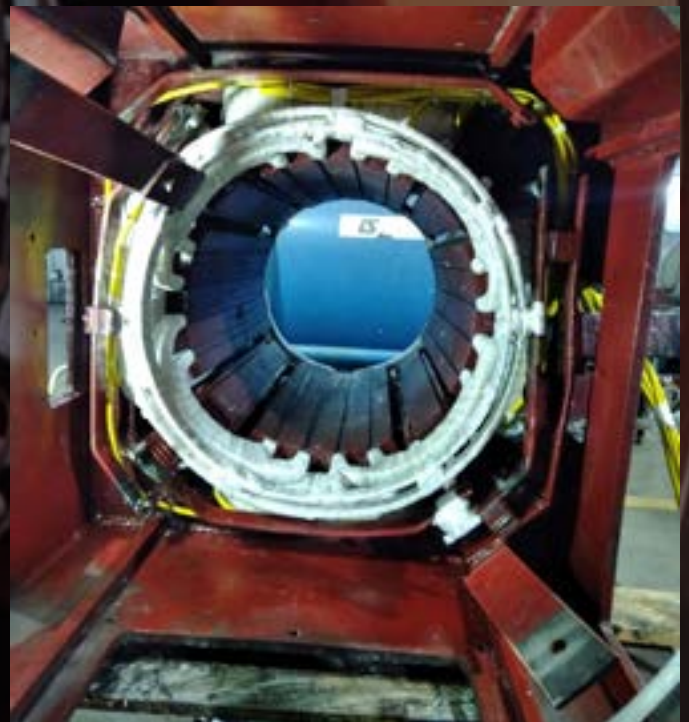
Instruments



Gallery



Gallery



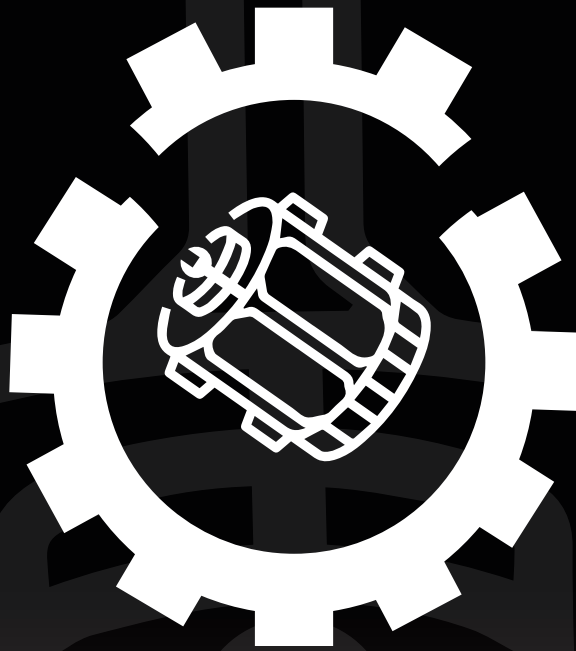
Gallery



Gallery



Company Profile



ALHALEEF
For Motors & Generators

Contact Us:

info@alhaleef-tech.com

Eng. Khaled Elawady +966-541486204

Eng. Mahmoud Mousa +966-544072351



Scan me!