



CORPORATE BROCHURE



ABOUT US

The Ghaima Group of Companies is a privately owned business established in 1985, with more than 30 years of experience providing comprehensive engineering solutions globally. Our wide range of services covers the electromechanical and marine engineering domains. Our subsidiaries, AL GHAIMA ENGINEERING COMPANY LIMITED (SHJ) & AL GHAIMAH AL MASHOORH ELECTROMECHANICAL WORKS LLC (DXB) are recognized for their reliability in the high-precision field of electric motors, submersible pump motors, generators, compressors, and transformers, regardless of their size.

We understand that rewinding AC/DC electric motors (and rotors) is not just a simple service but an intricate craft. Skilled craftsmen are essential at every step of the rewind process. At GHAIMA GROUP, we have invested in refining the art of rewinding electric motors through extensive experience and research, which has led to unparalleled quality. As a result, we are able to offer our customers a standard 12-month warranty on motor rewinds up to 11kV AC. Our head office, located in Sharjah, United Arab Emirates, has earned an excellent reputation for keeping up-to-date with technological advancements in materials and equipment.

GHAIMA GROUP is equipped with a comprehensive range of winding and testing equipment capable of handling all sizes of electric motors, generators, compressors, and transformers, including both L.V. and H.V. and both A.C. and D.C. motors. We are also fully equipped to carry out all types of mechanical repairs with all the required machining facilities, spray metaling with various coatings, and dynamic balancing of rotating parts up to 10 tons. At GHAIMA GROUP, we believe that it is not enough to talk about quality; it is more important to deliver it. Therefore, we have quietly focused on delivering quality, which sets us apart from our competitors and is greatly appreciated by our customers.



EMPOWERING YOUR ENGINEERING ASPIRATIONS WITH COMPREHENSIVE SOLUTIONS SINCE 1988

OUR STRENGTH

GHAIMA GROUP of Companies is a distinguished privately owned business established in 1985, backed by more than three decades of extensive experience in delivering comprehensive engineering solutions worldwide. Renowned for its expertise in the electromechanical and marine engineering domains, the company's subsidiaries, AL GHAIMA ENGINEERING COMPANY LIMITED (SHJ) & AL GHAIMAH AL MASHOORH ELECTROMECHANICAL WORKS LLC (DXB), have earned a reputation for reliability and precision in handling electric motors, submersible pump motors, generators, compressors, and transformers of all sizes.

With a keen understanding that rewinding AC/DC electric motors is an intricate craft, GHAIMA GROUP has invested in refining this art through rigorous research and practical experience, resulting in unparalleled quality in its services. The company's unwavering commitment to quality has positioned it as a leader in the industry, continuously staying up-to-date with technological advancements in materials and equipment.

Equipped with a comprehensive range of winding and testing equipment capable of handling electric motors, generators, compressors, and transformers of various sizes, including both low-voltage (LV) and high-voltage (HV) systems, as well as alternating current (AC) and direct current (DC) motors, GHAIMA GROUP ensures it can cater to diverse engineering needs.

One of the company's key strengths lies in its ability to provide diverse solutions, encompassing motor rewinding and overhauling, pump repairs, dynamic balancing, precision machining, electrical testing, laser shaft alignment, and more. GHAIMA GROUP is committed to maintaining international standards of quality on all projects, ensuring the uninterrupted operation of various industries.

Moreover, the company's 24/7 technical support offers rapid resolution of motor-related issues, minimizing production downtime and reducing financial losses for its esteemed clientele. GHAIMA GROUP's meticulous approach to transformer rewinding and repairs, along with its expert generator rewinding and repair services, further solidifies its position as a reliable and sought-after partner in the industry.

Safety and customer satisfaction are paramount to GHAIMA GROUP, and its skilled technicians adhere to rigorous safety protocols while providing top-notch services. The company's focus on delivering high-quality results, along with a commitment to long-term customer trust, has set it apart from its competitors.

In conclusion, GHAIMA GROUP's wealth of experience, specialization in high-precision engineering, dedication to craftsmanship and quality, comprehensive equipment capabilities, and diverse range of solutions make it an esteemed leader in the industry, capable of meeting the most demanding engineering challenges while ensuring operational efficiency and customer success.

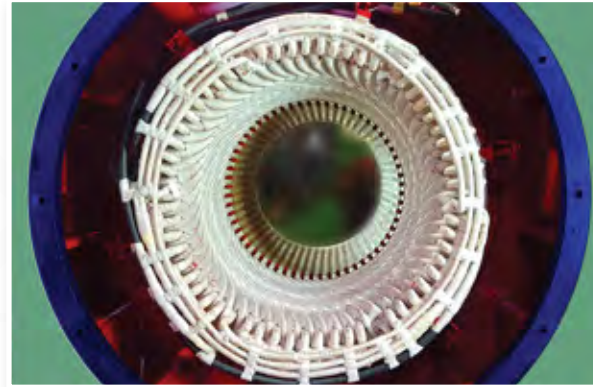


SOLUTIONS WE PROVIDE

GHAIMA GROUP is committed to maintaining international standards of quality on all projects. We specialize in the rewinding and overhauling of AC/DC motors (HT & LT), generators, compressors, and transformers. Our services also include pump repairs, dynamic balancing, precision machining, metal spray, cast mouldings in various materials, fabrication, and on-site rigging.

REWINDING OF ELECTRIC MOTORS & TRANSFORMERS

At GHAIMA GROUP, we understand that our customers are often seeking more than just a simple rewinding service. That's where our comprehensive solutions come in. Our expertise spans from design and engineering, utilizing the latest in CAD Design Software, to certified electric motor rewinding, pump overhauling, and complete repair services. With a commitment to ensuring the uninterrupted operation of the UAE's industrial sector, we offer 24/7 support. Our team of skilled technicians are equipped to conduct professional inspections at your job sites, providing expert recommendations for fault finding and maintenance.



AFTER-SALES SERVICE

GHAIMA GROUP places a great deal of importance on providing top-notch after-sales service to its customers, which is why it operates a well-stocked warehouse. Downtime is deemed unacceptable in any industry, which is why GHAIMA GROUP has taken a strategic approach to assembling a team of experts. To effectively identify and analyze faults in electric motors, it is necessary to utilize locally-made calculations in embedded systems, as well as advanced analysis tools, such as Thermal Imagers. Nevertheless, in some cases, accurate analysis and comparison to previous results over a significant period of time are required to reliably detect certain faults.



24X7 TECHNICAL SUPPORT

Minimizing production downtime is crucial in maintaining efficient operations, and an unforeseen motor failure can bring a production line to a grinding halt, resulting in substantial financial losses. In such scenarios, opting for motor rewinding can prove to be a time and cost-effective solution. The rewinding process usually takes less than 24 hours for LV motors and less than 3 days for MV motors. On the other hand, procuring a new replacement motor can take considerably longer, highlighting the significance of our 24-hour service at GHAIMA GROUP, which ensures quick resolution of such issues.



DC MACHINES

Many individuals may question the necessity of motor rewinding. This process typically occurs for two reasons: Firstly, a motor may fail due to excessive overheating, resulting in the melting of the enamel coating on its windings and subsequent short circuiting.

Secondly, a company may opt to rebuild a motor to meet their specific requirements, allowing for alterations in the motor's performance through rewinding.



SOLUTIONS WE PROVIDE

CORRECTED TRANSFORMERS : RENEWING, REVIVING, AND REPAIRING

At GHAIMA GROUP, we take a meticulous approach when it comes to rewinding or repairing transformers. Our team of skilled engineers begins by identifying the root cause of the transformer failure. We firmly believe that a well-designed, well-built, and properly used transformer should last indefinitely, barring unforeseen circumstances. However, if a failure occurs, we know there must be a reason behind it. For instance, the transformer may have been subjected to short-circuiting, prolonged overloading, lightning strikes, immersion in water, rodent infestation, or corrosive substances. In such cases, we adopt a methodical approach that involves unwinding the transformer, counting the turns, measuring the wire sizes, and meticulously rewinding it to its original specifications. Our goal is to restore the transformer to its former glory, so it can function optimally and efficiently.



EXPERT GENERATOR REWINDING AND REPAIR SERVICES

GHAIMA GROUP provides expert rewinding and repair services for all types of generators. Our team of highly skilled technicians is available to respond rapidly to emergency situations 24/7. We also offer on-site generator services, which include fault finding, refurbishment, repairs, and advanced services like vibration analysis. Our AC and DC equipment repair capabilities are comprehensive and include services such as dismantling, rewinding, mechanical fitting, fabrication, machining, testing, painting, and storage.



Our AC and DC generator repair capabilities are extensive and include:

- Dynamic balancing to ensure optimal performance.
- Complete rewinding capabilities for both AC and DC generators.
- AC stator repair to restore functionality and efficiency.
- On-site preventive and predictive services to identify issues before they become problems.
- On-site generator installation, commissioning, and repair to ensure optimal performance and longevity.
- Synchronous motors and generators repair, including both brush and brushless models.

At GHAIMA GROUP, we are committed to providing our clients with high-quality, reliable generator repair and rewinding services that optimize performance and minimize downtime.

PUMP OVERHAUL AND REFURBISHMENT

At GHAIMA GROUP, we are committed to restoring optimal performance for all types of pumps, valves, instruments, and other fluid handling equipment, regardless of brand or model. Our expertise covers a wide range of equipment, including vertical turbine pumps, centrifugal pumps, vacuum pumps, rotary lobe pumps, and other positive displacement pumps. We also specialize in repairing mixers, blowers, grinders, gearboxes, and valves. With our comprehensive repair services, we can quickly and effectively diagnose and resolve any issues with your fluid-handling equipment to ensure it operates at peak performance.



SOLUTIONS WE PROVIDE

DYNAMIC BALANCING

We provide complete balancing and vibration analysis and fan blower repair services. At Ghaima Group, we cover all sizes, shapes, and power equipment at the most competitive rates with high-calibre standard services.

We have emerged as a reliable, professional company, serving clients' diverse needs with commitment and a team of technicians adept at operating all types of scientific, industrial, and technical machines. The technique of dynamic balancing is used to balance machines by rotating them quickly with the help of electronic machines in order to find out the imbalance in the equipment. Furthermore, all machines do have residual vibration. However, heavy vibrations can cause long-term damage.



ELECTRICAL TESTING

Ghaima Group offers a wide range of electrical testing services to meet diverse application needs. Our comprehensive testing services include Surge Comparison, Hipot, Insulation Resistance, Polarity Index, Static, and Megger tests. Equipped with advanced technology and expertise, we conduct repairs, electric motor rewinding, and testing with machining facilities. Our skilled technicians adhere to safety protocols, ensuring accurate and reliable electrical testing. With our industry experience, we provide high-quality results and offer a year-round warranty, establishing long-term customer trust.

Our testing methods encompass Core Testing, RSO Testing, Armature Testing, Growler, Insulation Resistance, Partial Discharge Analyzer, Submersible Testing, HV Testing AC/DC, and No Load Testing of LV, MV & HV Motors. These methods enable us to thoroughly evaluate electrical systems and components, ensuring performance, safety, and reliability.



MODIFICATION AND TROUBLESHOOTING

At GHAIMA GROUP, we offers comprehensive services for refurbishing and modifying electric motors, pumps, generators, transformers, brake coils, CT coils, chiller motors, compressors, gearboxes, and squirrel cage rotors. With over 35 years of experience, our experts excel in circuit diagnosis, troubleshooting, repair, and rework. We provide retrofit solutions for outdated equipment and specialize in addressing electrical and mechanical motor issues, redesigning electrical components, resolving oil leaks, bearing conversions, and performing vibration analysis, balancing, and alignment. Trust us for efficient and cost-effective solutions for all your rework and modification needs.



THERMOGRAPHIC INSPECTION

Ghaima Group provides premium infrared thermography testing services. Using infrared detection and mapping, thermographic testing identifies temperature variations, tracks heat transfer, and detects maintenance issues before equipment failure. This testing is crucial for identifying motor problems, monitoring motor condition, and maximizing operational efficiency. Applications include bearing monitoring, process temperature analysis, leak detection, insulation monitoring, and electrical monitoring. Trust us for top-tier infrared thermography testing.



SOLUTIONS WE PROVIDE

VIBRATION ANALYSIS

Precision maintenance in many industries depends on laser shaft alignment services. These services entail the precise alignment of rotating machinery shafts utilizing laser technology, assuring optimum performance and lowering the possibility of machinery malfunctions. Leading maritime engineering company Ghaima Group provides laser shaft alignment services that involve several important stages and factors to achieve perfect alignment. These services improve machinery reliability, energy efficiency, performance, and overall cost-effectiveness through a meticulous measurement, adjustment, and verification process.



LASER ALIGNMENT

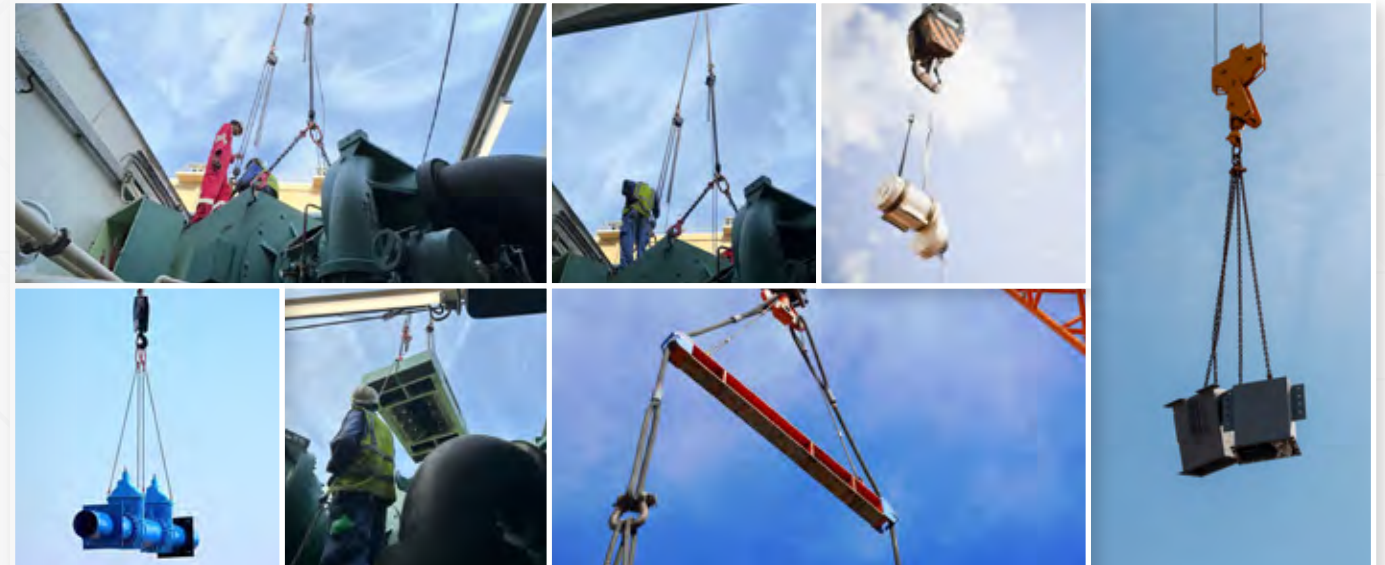
Ghaima Group, a leading maritime engineering company, offers laser shaft alignment services that ensure precise alignment of rotating machinery shafts using advanced laser technology. This meticulous process improves machinery reliability, energy efficiency, and overall cost-effectiveness by minimizing malfunctions and optimizing performance. With comprehensive assessments, precise adjustments, and stringent verification, Ghaima Group elevates operational efficiency, reduces downtime, and extends the lifespan of valuable equipment, providing industries with unparalleled precision maintenance solutions.



RIGGING

Industrial on-site rigging support services play a pivotal role in diverse industries, providing invaluable expertise and cutting-edge tools for heavy lifting, rigging, and material handling. At Ghaima Group, a renowned leader in mechanical and electrical services, we deliver comprehensive rigging knowledge, state-of-the-art equipment, and an unwavering commitment to safety, ensuring efficient management of challenging lifting and material handling tasks. Our steadfast dedication to precision, safety, and unparalleled customer service remains at the forefront of our operations.

The distinctive characteristics and inherent advantages of our services facilitate cost-effective project execution, bolstered security measures, access to specialized equipment, and unparalleled technological proficiency. By entrusting your rigging requirements to Ghaima Group, you gain a strategic partner that guarantees seamless project execution while prioritizing safety and delivering optimal results.



OUR OTHER SERVICES

A) WHY CHOOSE GHAIMA GROUP PREVENTIVE MAINTENANCE & SERVICE

In short, reliability, cost control and expert advice.

We offer reliable and integrated services that are in lieu of contemporary requirements like new installations and maintenance. Our services are offered at a competitive price.

Our experience with motors, pumps and control panels shows that motors, pumps and control panels covered by preventive maintenance and service contract hardly ever suffer intermediate breakdowns.

GHAIMA GROUP preventive maintenance includes a regular preventive inspection that stops most problems before they arise and keeps your equipment working at optimum efficiency.

GHAIMA GROUP service is a life-long commitment that goes hand in hand with quality products. It means making sure that equipment is being used correctly.

Our service specialists are not just repair people who are good with spanners and screwdrivers, they have unique training and know-how about your products in your operations, and their applications and this will come after a serious inspection of your plant.

Regular inspection and preventive maintenance ensure more reliable operations and the smooth running of the plant.

This also stops most problems before they arise, and keeps your equipment working at optimum efficiency.

B) SERVICE DEPARTMENT

- A 24-hour service is part of the package that is offered to our clients. In addition, every erection team has a mobile phone to enable fast response to emergency calls. GHAIMA GROUP takes great pride in being able to supply an emergency service within two hours of receiving a call, within the U.A.E.
- The service department is also responsible for alterations and extensions to existing systems.
- We take pride in providing quick, professional service.
- we offer a convenient pick-up and drop-off service for clients located in the UAE region.

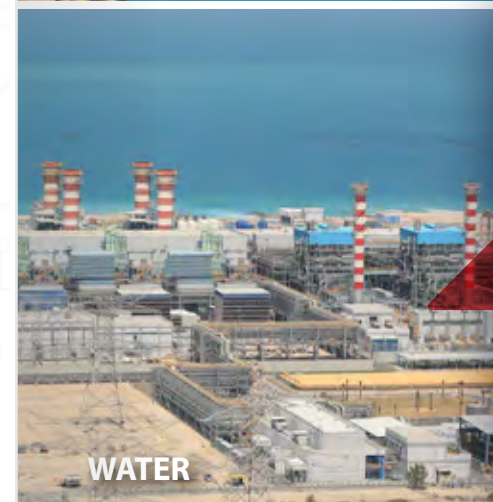
SERVED INDUSTRIES



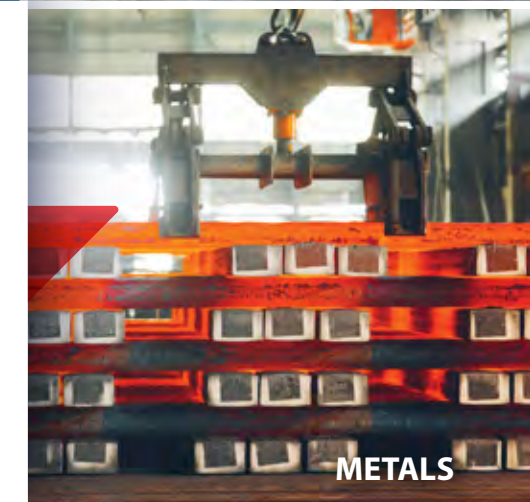
MARINE



CEMENT PLANTS



WATER



METALS



OIL & GAS



PETROCHEMICAL

THE BRANDS WE DEAL WITH



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GHAIMA GROUP OF COMPANIES

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