



AL-HUWAIS ARABAIN COMPANY

FOR INDUSTRIAL SERVICES

الحويس العربية

Al-Huwais Arabian Company



MESSAGE FROM THE CEO



In today's rapidly evolving industrial landscape, Hamad Abdullah Al Huwais Arabian Company remains committed to delivering reliable, high-quality electromechanical solutions. We specialize in motor and generator repair, medium voltage rewinding, and comprehensive maintenance of critical rotating equipment.

We build long-term, value-driven relationships through performance, reliability, and operational excellence. Our people are our greatest asset—their continuous development allows us to tackle complex technical challenges with confidence and precision.

Through innovation, technical expertise, and strategic global partnerships, we provide practical, efficient, and sustainable solutions that create lasting value for our customers and the industries we serve.

ABOUT US



With a strong reputation built on quality, reliability, and technical excellence, we are an approved vendor for major organizations across the Kingdom—including Saudi Aramco, SABIC, SEC, and other key industry leaders.

Our expertise covers predictive, preventive, and corrective maintenance of medium and high voltage equipment, supported by advanced diagnostic capabilities and in-depth engineering knowledge. We have developed long-term partnerships with prominent clients such as Sanad, ADC, ADES, H&P, ZP, Zahid Tractor, ARM, Saipem, Riyadh Cement, and Al Marai—consistently delivering high-performance solutions tailored to their operational needs.

Strategically located in Dammam Industrial Area, our fully equipped facility handles complex repairs and overhauls of heavy electromechanical equipment. Backed by a highly skilled team, we apply industry best practices, modern technologies, and a consultative approach to ensure optimal performance, extended equipment life, and operational efficiency.

Through continuous improvement, technical innovation, and commitment to excellence, we strive to be a trusted partner in supporting the growth and sustainability of the industries we serve.

VISION & MISSION



Vision:

To be the preferred regional leader in electromechanical engineering services, setting benchmarks in reliability, innovation, and excellence for critical industrial assets.

Mission:

To provide world-class repair, overhaul, and maintenance solutions for electrical and mechanical systems by combining technical expertise, advanced diagnostics, and a highly skilled workforce. We aim to enhance asset performance, reduce downtime, and create long-term value for our clients through safe, efficient, and sustainable engineering solutions.

OUR VALUES



- **Integrity First** – We act with honesty, transparency, and uncompromising integrity in all situations.
- **Corporate Thinking** – We align our actions with clear organizational goals through structured planning and execution.
- **Service Excellence** – We consistently deliver reliable, high-quality, and advisory-driven services.
- **Long-Term Partnerships** – We build trust-based, win-win relationships with customers and partners.
- **Knowledge Sharing & Technology** – We promote continuous learning and transfer of technical knowledge and modern technologies.
- **Customer Focus** – We go the extra mile to ensure maximum customer satisfaction and value creation.
- **Innovative Solutions** – We provide advanced, practical, and state-of-the-art engineering solutions.
- **Team Collaboration** – We work across teams and functions to meet customer needs effectively.
- **People Development** – We value our people and support their growth, performance, and success.



QUALITY ASSURANCE

Our commitment is to ensure uncompromised safety, compliance, and quality across all our services and maintenance activities. We operate a structured Quality Management System aligned with ISO 9001, ISO 14001, and ISO 45001 standards, implemented through a management-led control system focused on continuous improvement and operational excellence.

Performance is continuously monitored against defined objectives, with responsibility assigned to ensure effective communication, implementation, and compliance across all levels of the organization. Our integrated approach ensures safety, environmental responsibility, and quality remain central to all operations.



OUR QUALITY

We are committed to establishing and continuously improving our quality standards across all business activities. Our objective is to deliver high-quality, reliable, and cost-effective engineering services with quick turnaround time, ensuring long-term customer satisfaction and sustainable partnerships.

We take pride in our structured engineering approach, detailed inspection and testing procedures, and highly comprehensive technical reporting. Our reports include full diagnostic analysis, condition assessment, and Root Cause Analysis (RCA) to support informed decision-making and long-term equipment reliability.

By following industry best practices and advanced repair methodologies, we ensure that every project meets or exceeds customer expectations in terms of performance, safety, and operational efficiency.

WHY CHOOSE AL-HUWAIS?



- Over 45 years of proven experience in heavy electromechanical repair, overhaul, and maintenance services
- Trusted by leading industry clients including Sanad, ADC, ADES, H&P, ZP, Zahid Tractor, ARM, Saipem, Riyadh Cement, and Al Marai
- Fully integrated in-house electrical, mechanical, machining, and testing capabilities
- IECEx certified expertise for hazardous area equipment (Ex e, Ex d, Ex n, Ex p) ISO certified management systems: ISO 9001, ISO 14001, and ISO 45001 Specialized capability in medium voltage machines up to 7 MW and 13.8 kV
- Advanced testing facility including HV test panel up to 13.8 kV / 2500 kVA (no-load testing) Expertise in VFD, PM, and TDS motor testing under real operating conditions
- Complete end-to-end execution: removal, transport, overhaul/rewind, machining, reinstallation, alignment, soft foot correction, coupling alignment, and final testing
- Strong onshore and offshore field service support for rigs, vessels, and industrial plants

Recognized for fast turnaround, engineering accuracy, and high-quality technical reporting with RCA-based analysis



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WORKSHOP FACILITY

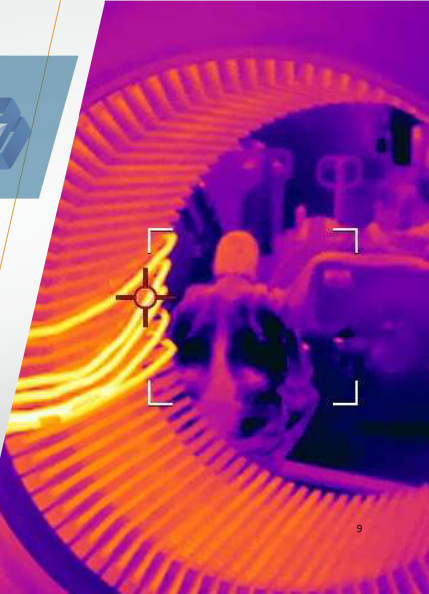


Our Dammam workshop is a fully equipped electromechanical facility designed for complete repair, overhaul, and testing of critical rotating equipment. The facility enables integrated execution of dismantling, machining, rewinding, assembly, testing, balancing, and final dispatch under controlled quality and safety conditions.

The workshop operates on a total area of approximately 2,652 m², with heavy lifting and multi-bay infrastructure supporting large industrial equipment handling.

Key Facility Highlights

- Equipment handling capacity up to 30 tons with multiple overhead cranes (30T, 15T, 10T)
- Machining capability including vertical lathe up to 2.5 m / 10 tons and shaft machining up to 1.8 m diameter
- Welding, drilling, milling, and fabrication support with in-house workshop facilities
- High-voltage testing up to 13.8 kV systems
- Electrical testing including IR/PI/DAR (5 kV), surge testing (40 kV), and tan delta (15 kV)
- No-load testing capability up to 150 kW with VFD and special motor testing (PM & TDS motors)
- Dynamic balancing of rotors and assemblies up to 20 tons
- Core loss tester for stator core assessment
- Drying oven for curing and burn-out oven for winding stripping operations
- Fully integrated in-house workflow ensuring complete engineering solutions under one roof



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SERVICE PORTFOLIO



- Workshop / Overhaul Services
- Electrical Services
- Mechanical Services
- On Site Services
- Testing Services
- Balancing Services
- Sales and Distribution Services



EXPERT IN MACHINES



- AC & DC Motors
- Generators
- Medium Voltage Machines (UP TO 13.8 kV)
- Eddy Current Brakes
- RAD Fans & Blowers
- Pumps & Compressors
- Shale Shakers
- Dry Type Transformers



WORKSHOP / OVERHAUL SERVICES



- Dismantling and Assembling
- Steam Wash and Varnishing
- Comprehensive Electrical Testing
- Mechanical Repairs and Fabrication
- Dynamic Balancing
- Rewind and Varnishing
- Thermography
- Vibration Analysis
- Transformer Oil Filtration



COMPREHENSIVE MACHINERY OVERHAUL SERVICES



Our company provides complete general overhaul services for electrical and mechanical rotating equipment, covering the entire repair cycle from initial dismantling to final dispatch. The process includes **detailed inspection, cleaning and steam washing, electrical and mechanical repair, reconditioning of components, and precision reassembly** under controlled conditions. All windings are treated with appropriate varnishing and insulation processes to restore electrical integrity and reliability. After assembly, equipment undergoes comprehensive testing and performance verification to ensure full operational readiness. The final stages include surface preparation, protective painting, and secure packing to ensure safe transportation and long-term protection. Through a structured and quality-driven approach, we ensure that every unit is restored to optimal performance, efficiency, and service life.



MEDIUM VOLTAGE MACHINES



Our company specializes in the **overhaul and rewinding** of medium voltage machines up to **7 MW** and **voltages up to 13.8 kV**, delivering complete end-to-end solutions with the highest level of technical precision and quality control. Our capabilities include stator and rotor rewinding, core testing, wedge tightness testing, and comprehensive electrical and mechanical inspections. We also perform advanced mechanical works such as **re-sleeving, shaft repair through welding and precision machining, and skimming of slip ring assemblies** to restore proper surface condition and performance. With a deep understanding of medium voltage equipment and industry standards, we ensure that every machine is restored to optimal reliability, efficiency, and operational safety.



HV Machines Services

IECEX MACHINES



Our company is an IECEx certified organization, qualified to handle equipment under **Ex d, Ex e, Ex n, and Ex p** protection standards. We are committed to maintaining the highest levels of safety and compliance when working with hazardous area motors. With a thorough understanding of explosion protection requirements, we ensure that all inspection, repair, and overhaul activities are carried out in strict accordance with international standards, preserving the integrity and safety level of each motor.



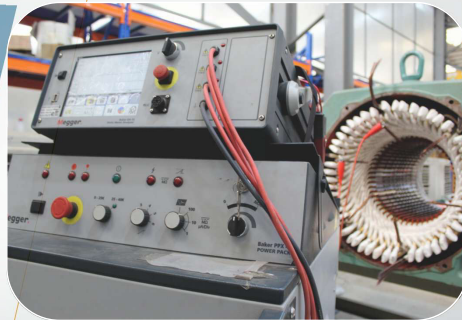
Ex Certified Team

ELECTRICAL AND TESTING SERVICES



- Trouble Shooting and Fault Analysis (RCA)
- Tan Delta Testing
- Partial Discharge Testing
- Hipot Testing
- Surge Comparison and Analysis Testing
- Winding Circuit Analysis (W.R, I.R, P.I, D.A, DAR, Z, H)
- Core Testing
- Thermography
- Growler Testing
- No Load Electrical Testing

(We have facility to run low rating (150KW) VFD motors on their rated Hz as well as permanent magnet motors)



Electrical Testing

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MECHANICAL SERVICES



- Fabrication
- Reverse Engineering
- Welding and Machining
- Dynamic Balancing
- Non-Destructive Testing
- Soft Foot and Lazer Alignment
- Core Works



Vertical Lathe Machine

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DYNAMIC BALANCING



Our company provides advanced dynamic balancing services for rotating equipment up to 20 tons, ensuring optimal performance, reduced vibration, and extended machine life. We utilize both belt-driven and direct-coupled balancing machines to accurately balance rotors, shafts, impellers, and other critical rotating components under controlled conditions. Our capabilities cover a wide range of industrial applications, including motors, generators, pumps, fans, and heavy rotating assemblies. With precise measurement techniques and strict quality control standards, we ensure that every component is balanced to international standards, minimizing operational stress and enhancing overall equipment reliability and efficiency.



Dynamic Balancing

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ON-SITE SERVICES



Our company provides comprehensive **on-site services** for rotating and electromechanical equipment across **onshore, offshore, and various industrial sectors**, including oil & gas facilities, power plants, water and desalination plants, manufacturing industries, and marine applications. Our capabilities include **on-site overhauling, testing and inspection, equipment removal and installation, soft foot correction, laser alignment, vibration analysis, and thermographic inspection**. These services are executed using advanced diagnostic tools and experienced technical teams to ensure accurate fault detection, correct installation, and optimal equipment performance. Through a proactive and condition-based approach, we help minimize downtime, enhance reliability, and ensure safe and efficient operation of critical assets across all operating environments



On-Site Services

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COMPREHENSIVE INDUSTRIAL EQUIPMENT SERVICES



Beyond motors and generators, our expertise extends to a wide range of industrial equipment, including **RAD fans, shale shakers, pumps, compressors, transformers, and eddy current brakes**. We provide comprehensive inspection, repair, and maintenance services tailored to each machine type, ensuring optimal performance, reliability, and long service life. With strong technical knowledge and hands-on experience across diverse applications, our team is equipped to handle complex machinery with precision and confidence, meeting the demanding requirements of various industries.



RAD Fans

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VALUE-ADDED SERVICES



Full-fledged rewinding and coil manufacturing capabilities, including:

- Round wire rewinding
- Salient Pole Rotor Rewinding
- Form Coil Rewinding
- Low Voltage Form Coils Manufacturing
- High Voltage Machine Rewinding
- Wedge Replacement, Insulation Repair
- Specialized Rewinding (Magnets, Submersible Pumps)
- Rotor Re-barring
- Armature Rewinding
- Commutator Repair and Replacement



Armature Rewinding

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VALUE-ADDED SERVICES



Extended and Specialized Services (via qualified partners), including:

- Sandblasting and Surface Preparation
- Re-babbiting of Sleeve Bearings
- Motor Cooling System Inspection, Testing and Repair
- Impeller Casting and Refurbishment
- Metal sparing and Surface Restoration
- Transformer Oil Filtration
- Specialized On-Site Testing (Transformers, Cables, Switch Gears etc.)



Low Voltage Coils Manufacturing

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SALES AND DISTRIBUTION



Our company is an **authorized distributor of SKF** products in the Kingdom of Saudi Arabia, committed to delivering high-quality solutions and reliable service to our customers. We supply a comprehensive range of products including **bearings, seals, lubrication systems, and advanced SKF equipment** such as vibration meters and condition monitoring tools. With a strong focus on performance, durability, and precision, we support various industrial sectors by providing trusted products and expert technical guidance. Our experienced team is always available to assist customers in selecting the right solutions to enhance equipment reliability and operational efficiency.



SKF Authorized Distributer

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OUR COMMITMENT TO QUALITY, SAFETY & RELIABILITY



- Dedicated Quality Engineer assigned for stage-wise and final inspections
- Strict adherence to ISO 9001, ISO 14001, and ISO 45001 standards
- Full compliance with IECEx requirements for hazardous area equipment
- Implementation of structured inspection and test plans (ITPs)
- Focus on safety-first approach in all workshop and on-site activities
- Detailed technical reporting with Root Cause Analysis (RCA)
- Commitment to on-time delivery and fast turnaround
- Ensuring equipment reliability, performance, and long service life



Intermediate Inspection

OUR CERTIFICATIONS / AUTHORIZATIONS



Certificate of Registration
This is to certify that the Occupational Health and Safety Management System of HAMAD ABDULLAH ALHUWAI ARABIAN CO. FOR INDUSTRIAL SERVICES
has been assessed and registered by TUV as conforming to the requirements of:
ISO 45001:2018
(Occupational Health and Safety Management System)
For the following Scope:
Repair and Maintenance Services of All (DC) Motors, Generators, Transformers, Pumps, Eds Current Motors, Voltage Motors, Central Air Conditioning Systems including Trading of Precision Equipment, Oil and Gas Sites.

Certificate of Registration
This is to certify that the Environmental Management System of HAMAD ABDULLAH ALHUWAI ARABIAN CO. FOR INDUSTRIAL SERVICES
has been assessed and registered by TUV as conforming to the requirements of:
ISO 14001:2015
(Environmental Management System)
For the following Scope:
Repair and Maintenance Services of All (DC) Motors, Generators, Transformers, Pumps, Eds Current Motors, Voltage Motors, Central Air Conditioning Systems including Trading of Precision Equipment, Oil and Gas Sites.

Certificate of Registration
This is to certify that the Quality Management System of HAMAD ABDULLAH ALHUWAI ARABIAN CO. FOR INDUSTRIAL SERVICES
has been assessed and registered by TUV as conforming to the requirements of:
ISO 9001:2015
(Quality Management System)
For the following Scope:
Repair and Maintenance Services of All (DC) Motors, Generators, Transformers, Pumps, Eds Current Motors, Voltage Motors, Central Air Conditioning Systems including Trading of Precision Equipment, Oil and Gas Sites.



SKF CERTIFICATE OF AUTHORIZATION
Validity: January 1st 2026, to December 31st 2026
This is to certify that Hamad Abdullah AlHuwa Company Ltd. is an authorized SKF Industrial Distributor.
With registered office at Dakh Industrial Area, Dammam, Saudi Arabia.



CONTACT US



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Website (Under Developing):

<https://www.alhuwaisarabian.com>

LinkedIn:

<https://www.linkedin.com/company/alhuwais-arabian-est-/people/>

