

HAWASAR

Engineering service company



WHO WE ARE

We are a local Engineering service company at Erbil Kurdistan Iraq, specialize in mechanical, electrical, heating, ventilation and Air conditioning systems we provide design , supply materials, installation, repair and maintenance services, with high quality working and more than ten years of

experience in mechanical, electrical and HVAC systems our works implemented and supervised by specialize engineers and experienced technicians to do the safety, scientific and standard work to provide your project with organized and efficient service management, accurate and prompt on time



OUR MISSION

Our mission is to provide services that respond to global standards, and updating the engineers and technicians and workers of the enterprise skills through constant and continuous training and to encourage self-learning, as we aim to expand the activities of the

organization at the level of disciplines and geographically, and is to become the highest quality, customer responsive and lowest cost provider for mechanical, electrical, commercial and residential Heating and Air conditioning systems.

Target:

At HAWASAR Co. we hold a message through which we aim to spread the culture of quality in the field of mechanical, electrical and HVAC systems, through effective contribution to the development of those fields and the introduction of new technologies commensurate with the development of Kurdistan Iraq and meet the future aspirations.

Vision:

We have a long-term vision as we are working to achieve leadership in the Kurdistan Iraq in the field of mechanical, electrical, heating, refrigeration and air conditioning in various branches and fields, and strive to be the first and primary reference for all who wish to take advantage of the electromechanical, heating and air conditioning service.





Our Services

Commercial, residential and Industrial sized buildings need the experience and knowledge of dedicated engineers and technicians to correctly design and install their mechanical, electrical, heating, ventilation and air conditioning systems. Before risking any potential and breakdowns, call us at Hawasar to get a free quote for your next project design, installation or maintenance check and solution.

The services delivered by HAWASAR is extremely safe and state-of-the-art, a result of high experience in the commercial and industry. HAWASAR offers a range of mechanical, electrical and HVAC systems solutions for your project. And offers a great design blends functionality and aesthetics in order to create a timeless, smart and user-friendly space. Our team can assist you with creating and installing custom made

mechanical, electrical, heating, ventilation and air conditioning systems solutions. You can add style and color to your project with our range of choice. We maintain a full range of service which includes consultancy, design, supply, installation, repair and maintenance services.

Study and implementation of the projects

Based on our experience in this area, we are working on the study for Electro mechanical, heating and Air conditioning projects, including gives a clear idea of the client on the feasibility of the project and ensure their integrity and to know the risks and losses that can be carried. The work of the team HAWASAR. have qualified and experienced what they can develop a clear and comprehensive plans for all projects, according to the thoughtful scientific approach,

And after studying the project Undergoing implementation phase where our workforce trained download the plans contained in the project on the ground. The team spirit which is characterized by the employees of HAWASAR.

Ensures the customer high quality achievements, and stems from the consistency and harmony between the winning team of engineers and technicians and the team, and



our goal is to achieve customer satisfaction.



Residential and commercial HVAC system

A quality HVAC systems will work hard to heat, cool, and circulate air throughout a commercial and residential building's ventilation system. Along with providing heating and Air-conditioning service, and It is important to choose the right residential and commercial HVAC system type and size so that your entire property temperature is regulated and there is no wasted energy.

Also helps improve air quality in commercial and residential buildings and projects. So if your project need to HVAC system components, of design, installation, supply materials, repairing and maintenance services an existing system, we are at HAWASAR co. standing to assist you with every step of the process with quality and cost-effective solutions.



Industrial Heating & cooling system

We are working on the development of industrial refrigeration rooms and stations cooling techniques according to a set of strict and accurate standards, and we were able to devise a unique models for cold rooms and heating and cooling systems, and have the ability and competence to deal with the various needs of customers in various sectors such as the health sector, production factory

and manufacturing nutrition sector or import of medicines in addition to the other sectors which are in need to this type of technology.

And we are committed in our contracts the confidentiality of information as we are committed to the duration of the implementation according to the conditions and quality standards that have been agreed in advance with the client

Duct system, Fresh air heat recovery & Ventilation

Ductwork is essential to having a healthy environment and keeping utility costs down. Contrary to popular belief, there is more to ventilation and ductwork than just your project HVAC system. Central Ac system, kitchen range hoods, bathroom exhaust fans and other types of exhaust systems are all key to ridding your building structure of pollutants. So we provide a best offer for supply and install new ventilation and ductwork system for you, and we'll make sure that it's done properly the first time and according to code to save you time and hassle in the long run.



HVAC system Design

Our engineering team excels at custom HVAC system design, fabrication and layout. We pride ourselves on our extensive knowledge of air flow requirements and our ability to generate even larger flow rates using multiple units in the system. Depending on your needs, we can deploy

several different system configurations to produce the best results while integrating seamlessly into the overall facility footprint and layout. We utilize energy recovery units when applicable to lower costs and loads on the system, while allowing the system to comply with ASHRAE requirements.



HVAC system installation

We are provide you an installation service for all types of heating and air conditioning systems (VRV, VRF, rooftop package unit, chiller, boiler, AHU, split units and central AC units), on the highest level and the best professional team top-quality, we have all the requirements of the methods

of installation safely of art and craftsmanship high, and we can provide you a special system for our customers distinguished from the installation of air conditioners became very widespread Within most countries facing heat waves Summer and especially the gulf states;



HVAC systems Repair and Maintenance service

At HAWASAR we are working to conclude all types of heating and air conditioning system maintenance contracts for hospital, hotel, business center, government buildings, exhibitions and warehouses, factories annual contracts or monthly depending on the customer's desire, and we are working to prepare schedules and maintenance plans, and the inclusion of

implementation programs for the maintenance and documentation of receipt of the building contractor implementation.

It is the reality of our study of the work we are preparing a presentation containing the quality and nature of the devices used, and the needs of the project of the pieces, and make clear the cost of labor, materials, prices of maintenance, with the inclusion of

the full value of the contract to become dealings more transparent and visible.



HVAC system maintenance program

We are here to help you with all your heating and air conditioning system needs. We offer 24-hour Emergency Service.

By choosing Our HVAC systems Program to do your heating and cooling maintenance or repair, you will get the best possible service at low, reasonable prices. We employ only the most highly

qualified individuals that you can trust to work on your project or homes. Our HVAC system maintenance program is consist of monthly inspection visits, on call engineer 24/7 support, consumables (filters, belts, etc.), cleaning materials and lubricants required, heat pump and compressor installation, change high and low pressure sensor, gas leak detection and

repair, unit vacuum and gas charge, unit vibration, noise and water drainage repair.

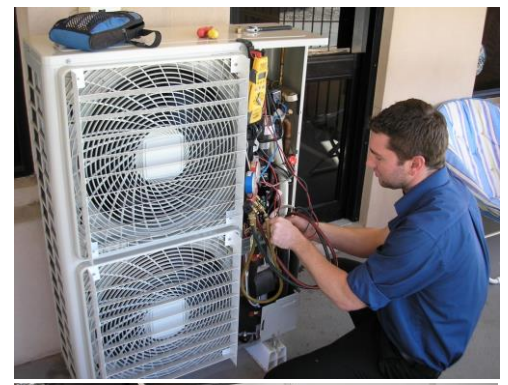


HVAC system maintenance benefits

Regular HVAC maintenance Helps Prevent Some Sudden Mechanical Breakdowns, obtaining routine inspection and maintenance services certainly decreases the risk of encountering a sudden AC malfunction. Knowledgeable service technicians can replace worn components in a

timely manner. And hvac maintenance inspections offer peace of mind, Another key reason to seek regular maintenance services for an HVAC system involves thrifty home and business management practices. A sluggish, dirty HVAC unit operates inefficiently. Regular maintenance helps ensure the

temperature control system performs correctly.



HVAC spear parts

Our another service for HVAC systems is consist of supply spear parts for a many brands and all types of heating, ventilation and air conditioning systems as well as we can, for the main parts like as compressor, fans, indoor and outdoor control board pcb cards, heater, valve and caps, copper pipes and fittings, high and low

pressure sensors, expansion valve, four way valve refrigerant gases, evaporator, capacitor, fan motor,



Condenser, EXV, solenoid valve, ball bearing, blower, shaft, and remote controls.



Mechanical firefighting & water pump system service

We are as an electro-mechanical company we have another service to provide the design, supply, installation and maintenance of fire protection systems such as sprinkler system, fire hose cabin, fire hydrant, FM200, fire suppression systems, fire alarms, and fire detection, that will detect and respond to fire conditions to ensure the safety



The Fire Systems Design activities relating to selected essential safety

of your occupants and reduce the damage to your facility. Providing you with peace of mind, knowing that your facilities, and the people who live, work and play in them are safe from the ravages of fire. We are studying projects and designed and implemented in accordance with the international specifications and standards through technical support

measures in the fire protection commercial and industry. Initially the Scheme will focus on activities associated with the following essential safety measures

Our staff of fire protection design and suppression systems that are specific to your facility the design covers the preparation of a required standard, where the final

department that is trained to the highest level of scientific qualifies.



design documentation outlines the requisite design criteria and provides documentation for procurement / manufacture / construction / installation / and commissioning by competent personnel.

And we are provide all assistance services to our customers and the follow up projects and maintenance department to perform after sales services.

Different types of fire protection systems

Fire protection systems are considered either active or passive. Hawasar Electro-mechanical Co. has expertise in the design, installation, inspection, and repair of three main types of active fire protection systems: fire detection systems, fire suppression systems, and fire sprinkler systems. Active fire suppression systems

require some kind of action to undergo their intended purpose whether it be to trigger an alarm or release a clean suppression agent. Fire detection systems may seem passive but are actually considered active fire protection and can be combined with a suppression or sprinkler system to extend protection.

Passive fire protection systems are those systems put in place within the structure of the building and require no human interaction to do what they were intended to do. For example, fireproofing walls or compartmentalization of a building can prevent the spread of a fire.



Fire Protection Maintenance Service

The fire protection services and maintenance required for a particular fire protection system relies on specific local laws and fire codes and National Fire Protection Agency regulations. Parts of your fire protection systems may need to be inspected or tested at regular intervals. You

may need to be trained on how to use specific fire protection equipment. That's why it is best to work with a fire protection company that provides a full spectrum of fire protection services. At Hawasar Electro-mechanical Co. we will also provide guidance on proper

maintenance, schedule inspections or testing, and stand by for emergency repair. Protecting your business against fire is one of the most important things you can do for your financial safety and the safety of your employees

Petroleum companies Fire protection system service

The best way to protect the Petroleum companies Fire protection system from fire, reduce potential damage to the project and its contents, and keep occupants safe, is by investing in a fire protection system. Fire protection systems include fire suppression FM 200, sprinklers, fire hose cabin, fire hydrant, fire detection,

smoke detectors, and other fire protection equipment that works in tandem to protect against fire. It is best to work with a fire protection company that understands the needs of your property and provides a variety of integrated protection systems. Hawasar electro-mechanical Co. provides a full range of fire protection service

from system design to installation, maintenance, inspection, and repair service.

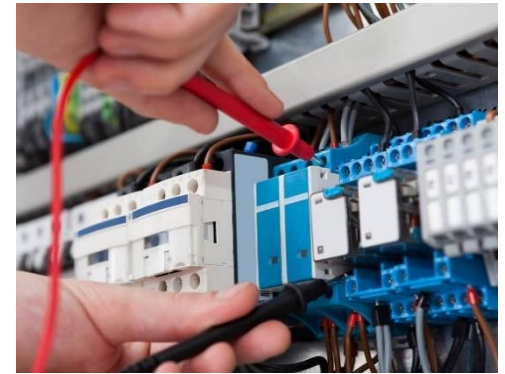


High and low voltage Electrical system service

When you need quality electrical work, we are at Hawasar electro-mechanical company we provide you a best service for high and low voltage electrical system design, supply, installation, replacement and maintenance, for commercial and industrial electrical system projects, by the special engineers and experienced local technicians, to complete your electrical system project. with more than ten years

of experience. to help your project will be run standard working and safety. And when you work with the professional electricians from Hawasar Company, you can rest assured that you'll have all your questions answered and concerns addressed before your project even begins. We also obtain your trust through our Straight Forward pricing guide, which provides a list of costs, so

you know your bill will be free of unexpected fees.



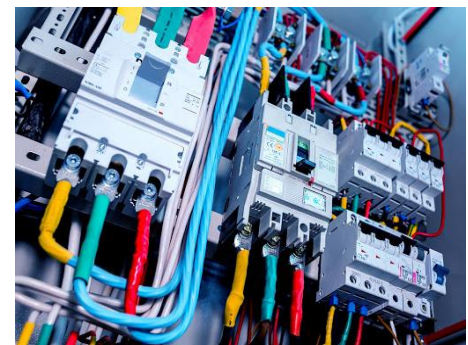
Electrical safety

Electrical services aren't just for your convenience; they're also for your safety. working on electrical systems is dangerous and requires extensive training. Because of the training electricians require to work safely, it can take years for an electrician to receive a license to do work on their own. If it takes an apprentice electrician hundreds of hours of classes

and thousands of hours of on-the-job training, electrical work should never be a weekend project!

Project owners should regularly check their electrical components for safety during of installation working from a Hawasar company electricians. Doing this will help identify small problems

before they become major electrical issues in future.

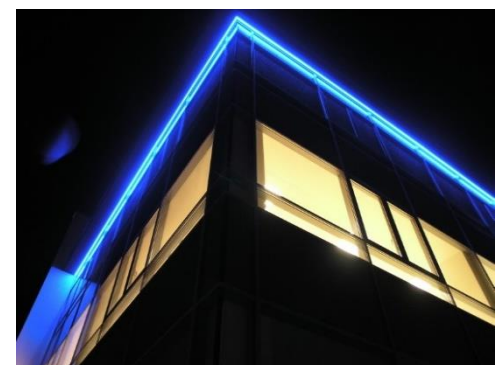


Low voltage Electrical system service

High-quality electrical work can keep your project safe, prevent serious accidents, and provide you with genuine peace of mind, so at Hawasar company we offers supply, installation, repair, replacement, and servicing for low voltage (240 to 600) electrical system needs. More than that, and we offer unparalleled customer

service from the most trustworthy electricians in the business. Each of our electricians is background-checked and drug-tested, where the law allows, and each of them is chosen based on their exceptional skill and commitment to good service. Call on the expertise of a Hawasar residential, commercial and industrial

electro-mechanical contractor, and you'll see the difference.



High voltage Electrical system service



HAWASAR High Voltage provides services exclusively for high voltage utility systems, high voltage facilities for interconnection of generation sources and high voltage facilities for the Heavy Industrial and projects. We specialize in electro- mechanical power system and control solutions and our staff have decades of experience in the specification,

engineering and construction of transmission and distribution facilities.

Hawasar high voltage offers a full range of engineering solutions for kiosk transformer and transmission work. We also perform system studies and routinely provide detailed equipment evaluation studies to determine adequacy

and report to clients on any issues found.



Our planning strategies help us to ensure that we develop the right solutions for each project.



High voltage Electrical offers

And at Hawasar electro-mechanical company we provide full service construction execution for a range of high voltage facilities, from (11 to 33)KV as well as having a dedicated in-house panel fabrication shop. HAWASAR has a large complement of specialized field-based Power System Electricians, Technologists and Engineers to supervise construction, testing, commissioning and

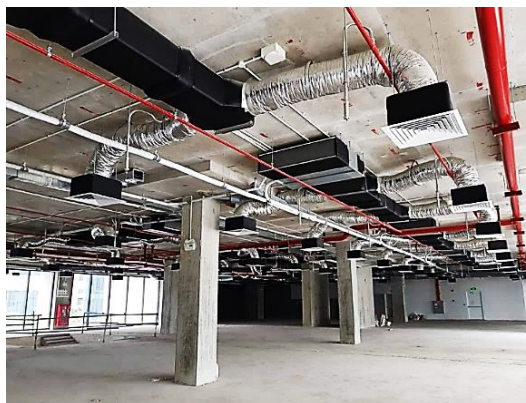
maintenance. As a unique service, we offer site-based training for other contractors, as well as construction coordinators for field supervision. All testing and analyses of systems is completed. hawasar company also provides maintenance services and performs required troubleshooting of equipment, cabling, and protection and control devices. is to ensure that facilities operate efficiently and

Our projects and maintenance contracts

- TAQA Atrush oil field / Duhok Mitsubishi heavy industries VRV system and S&P ventilation system maintenance contract, project total HVAC capacity: 740KW / 2021

- KRG Presidential Diwan building Firefighting system, Daikin VRV III system and VENTAS Fresh air and ventilation systems maintenance service contract / 2021 total HVAC capacity: 5250kw

- Erbil Chamber of Commerce & Industry office Samsung DVMS inspection and maintenance service total system capacity: 930kw / 2021



- Medya Diagnostic Center / Erbil carrier chiller pro-dialog plus system maintenance service total capacity: 2100kw / 2021

- Soran private hospital, design, supply and installation Gree VRF system and rooftop package units for operation rooms total capacity: 850kw project year 2021.

- Shayda Beauty Center supply and installation Gree HVAC DX central duct type and rooftop package fresh air system project total HVAC capacity: 525kw



- Erbil Electricity Distribution Directorate office Lennox DX duct type HVAC system maintenance total project HVAC system capacity: 2800kw since April, 2021

- Khormala power plant GT control room Emerson HVAC systems and turbine generators cooling system repair and maintenance service contract / 2020 HVAC units Qty: 135 Total capacity: 1800kw and turbine generators cooling system Capacity; 2450kw

- Santelife international hospital Erbil, Electrical, mechanical and HVAC systems inspection and maintenance service for LG multiV5 heating and cooling system at 2020

- KRG Conference building Carrier roof top package units DX cooling system and electrical duct heater heating system installation and maintenance service at Erbil – Pirmam, Qty 9 total capacity 630kw since 2019

- KRG Tourism and guest building HVAC system Repair and maintenance at Erbil / Mergassor, Mcquay VRF system duct type indoor unit total capacity 670kw since 2019

- Zheen International hospital SKM chiller systems install, repair and maintenance service since 2019 total capacity: 1851kw



- KRG Administration Building Carrier chiller comfortlink program and electrical boiler system maintenance service contract at Erbil Pirmam total capacity 475kw since 2019



- Kurdistan international bank York VRF Central heating and Air conditioning system maintenance service , duct type and cassette type indoor units total capacity 1360kw since 2019

- Home Center Duhok family mall HVAC cooling load and duct system Design at 2016

- Erbil family Mall Extention Mechanical project, Firefighting, HVAC, cooling load, equipment selection and duct system Design at 2016

- Three private villas at Erbil American village, LG Central DX duct type Air conditioning supply and installation at 2016 total system capacity 255kw

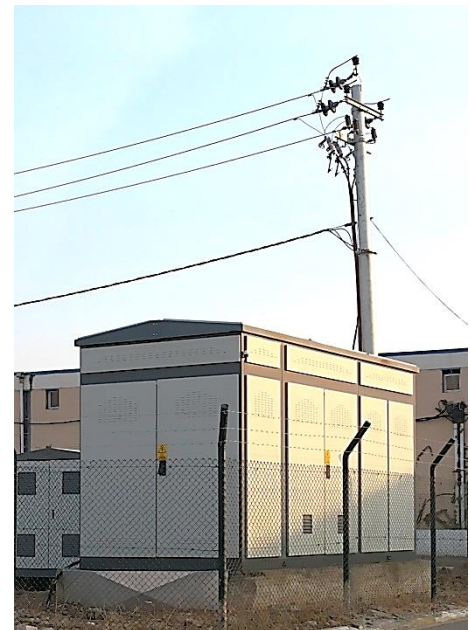
- Erbil Naz city Fifteen apartments Gree and Hitachi mini VRF HVAC system supply, install, repair and maintenance service, from 2015 to 2017

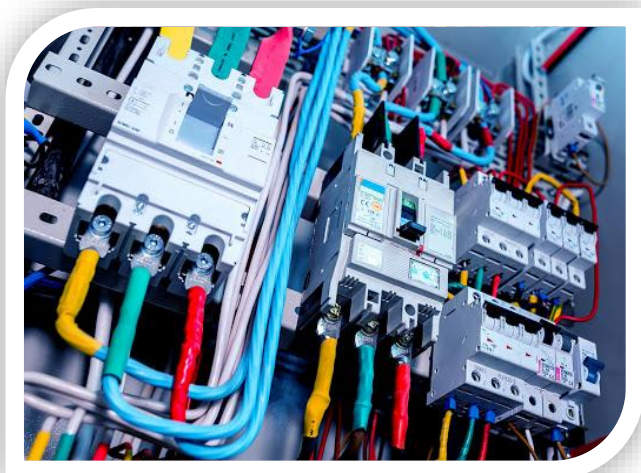
- High and low voltage Electrical system supply, installation, commissioning, test and startup of (underground cables, lighting, distribution boards, poles, ATS board and kiosk transformer) for Ganjan city (B1 B2 B3 B4), Lawan city, Ashti city 2, Zin city and Pank city at Erbil kurdistan region from 2009 to 2011 material Brands Astor, Hes, ABB, Pelsan, and Schneider electric.

- Toyota Iraq Training center hall HVAC VRF system and Fresh Air duct system Design 2018 total project Area, 2500m2

- Two villas at Atconz Erbil AC system supply and installation at 2018 Gree Air conditioner wall type split units capacity 175kw

- Three private villas at Erbil Dream City HVAC system supply and installation 2017 & 2018 Samsung DVMs VRF system and duct type indoor units, system total cooling and heating capacity 630kw





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