



WELCOME TO ALVAND SANAT

CATALOGUE

alvand sanat javid alborz

constant companion for

the iranian industry



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Company introduction

Alvand sanat javid Alborz



Alvand Sanat Javid Alborz company is proud of more than a **decade** of brilliant experience in the field of **consulting, sales, and repair, And the maintenance of electric engine** should always be next to the **economic** and **production** enterprises, especially in the strategic industries of the country.

Now as the leading company in the **AC-DC electric motors repair** industry.



This company is located in **Alborz province, Hashtgerd industrial town** And benefiting from the most up-to-date technical equipment for testing and service Periodicals with different powers and basic overhauls of all types Of **AC-DC** electric motors according to the latest standards It fulfills. to this day we has been responsible for over **7 thousand customers** from **different industries** of the country.

Alvand Sanat Javid Alborz continues to **provide the highest quality services** in the field of **repair and maintenance** of all types of electric motors. An industrialist is committed and strives to be the **wheels of industry** and construction of the country; and we Keep moving stronger than ever!

Company goals

Short term

Reducing time and increasing the quality of construction and renovation services Training of specialized human resources and creation of sustainable employment in the company.

Mid term

Increasing the sense of self-confidence and self-reliance in the country's industry Creating mobility in domestic industries and meeting the needs of different industries.

Long term

Development and acquisition of technical knowledge and technologies of the world Production of superior products, with quality and under global standards Stopping dependence on foreign sources and providing sensitive and necessary parts inside the country.



introducing services

Flow analysis test device

Alvand Sanat Javid Alborz company uses the most advanced **online flow analysis test device** available for accurate monitoring of the repair **(EXP4000 Megger)** and maintenance situation in the **Middle East** provides all kinds of industrial **electric motors** and **electric machines**.

The flow analysis test experts of this company have been stationed next to the **factory maintenance and repair team** and by conducting detailed inspections Repair the equipment and devices to the technical teams Report maintenance By implementing a **comprehensive system for the inspection of electric motors**, this company has carefully monitored the behavior of these machines, focusing on the parts where the **first signs of defects** have appeared. It offers the best maintenance solutions!

AC-DC Electro motors

AC motors are electric motors that are used in various applications from **household appliances** to **giant industrial machines**. Therefore, **accurate and continuous performance** of This equipment is of important for industries and factories.

Alvand Sanat Javid Alborz company, relying on years of experience and using **expert forces** It provides **maintenance and repair** services for **AC** electric motors in accordance with the latest electrical engineering standards and ensures the **accurate operation** of these motors.

Also, the role of **DC** electric motors is becoming more prominent every day due to their **high torque and special applications**. These engines are used in most industries, including for the production of **cold and hot steel**, as well as **steel sections**, or in **mining machines** such as **Blaze trucks**.

AC motors require periodic servicing much more often than **DC** motors.

Therefore, **all repairs and maintenance** should be done by **experienced and trained** people **Alvand Sanat Javid Alborz** company, having a well-equipped work shop space, expert staff, high **technical knowledge and experience, and high-quality** spare parts of this group of engines It restores and prepares an industry just like the first day!





Servo motors

Factory production lines do not **function properly** without the use of servo motors. Servo motors allow industries to adjust and execute a set of processes with **high precision** as needed. It should be noted that the repair of servo motors requires high **precision and skill**, and if the principles of repair are neglected, these valuable devices will simply be out of order. Alvand Sanat Javid Alborz company is one of the best groups with **technical qualifications** in the field of testing and repairing servo motors and they **guarantee** their performance.

Professional repair services for engine gear box

The speed of production lines does not have a **fixed value** and **must be changed** based on the needs of industries. This is where industrial gearboxes come into play and play their unique role. The **gearbox and the electric motor** are always connected and there is no doubt that the defects of the electric motor, generator or unhealthy gearbox cause **numerous failures** and impose **heavy costs on the industrial owners**. This company services and maintains all types of gearboxes by using **skilled and expert forces** It provides industry according to the latest technical standards.



explosion-proof electric motors

The activity of some industries such as **oil, gas, petrochemicals, oil production of chemical products, CNG fuel stations** and the like without explosion-proof electric motors is **meaningless and very dangerous**.

Explosion-proof electric motors are produced with special technical and environmental standards and are used according to the needs of industries.

The accurate and stable performance of explosion-proof electric motors, in addition to the prosperity of industries, also **prevents environmental, life and financial risks**. Alvand Sanat Javid Alborz company has a long history in the field of troubleshooting and repairing all kinds of explosion-proof electric motors. We are proud that all our engineers, **experts and technicians** have completed various training courses abroad and received **ATEX** qualification certificates regarding the repair of explosion-proof electric motors and their troubleshooting.



Free training and counseling

Consultation, purchase, installation, operation and repair, maintenance of electric machines is a serious concern of factory managers. Because with a wrong decision, huge financial or life damages may be imposed on them.

Alvand Sanat Javid Alborz Company is ready to the managers of companies to Provide free training and advice related to the supply, service and maintenance of industrial electric motors.

Attending the training sessions of this company in the field of electric motors, anti-explosion motors and other rotating electric machines, in addition to increasing the skill and productivity of technical personnel, has led to a reduction in losses and breakdowns of electric motors and related equipment and from imposing more costs (prevents using Incorrectly.

Warranty and free service after sale

The key to the success of Alvand Sanat Javid Alborz Company is in **providing quality services** to customers is **unconditional commitment and accountability** Our managers, engineers, technicians and other people believe that they should provide the **best services** at all times Therefore, all products and technical services provided by this company are **fully guaranteed** and after-sales services are provided to customers all over the **country according to the contract.**

Service details

- Consultation, design and implementation of industrial automation projects in steel, cement, oil and gas, petrochemical, paper and cardboard, wire and cable industries.
- Providing AC-DC drives and PLC central control systems
- Providing spare parts for ac and dc drives and performing services related to drive repairs Manufacturing and assembling all kinds of European design digital boards in different amperes and voltages
- Maintenance of industrial boards
- Converting old analog boards to new digital boards
- Installation and operation of all kinds of AC drives
- Making a soft starter to start AC motors in different capacities
- Starting high KW motors at voltages from 380 to 11000 volts
- Making all kinds of capacitor banks manually and automatically up to 6000 volts
- Making all kinds of distribution boards up to 5000 amperes
- Designing and making control panels to start the device using PLC and HMI
- Manufacturing of special propellers and mechanical overhaul of all machines

mentioned will be done in this company

Finished projects

Falat ghareh oil - Bahregan region

250 kW 3000 volt electric motor repair, oil transfer pump, 700 kw 6000 volt electric motor repair, oil transfer using booster pump, repair and fix the high vibration of the electric motor Winding and repair of 285 kW electric motor shaft, 11 kV crude oil desalination system

Falat ghareh oil - kharak region

Repair of two electric motors HP 400 and HP00 500 3.3 volt repair
Repair of DC electric motors, basic repairs of the generator device related to the MTU diesel generator and generator winding related to the repair of the Caterpillar diesel generator.

Pars jonoobi gas complex

Reconstruction of 630 kW and 160 kW electric motors
Repair and restoration of axial bearing magnets, radial bearing magnets related to turboexpander, restoration of 630 kW 6000 volt electric motor stator.

Tehran cement complex

Complete construction of a 3300 kW 6000 volt electric motor unit and repair of high pressure electric motors

Esfahan blessed steel

Reconstruction and overhaul of MV and LV electric motors for one year up to 1500 kW

Contact us



SCAN ME



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