

Azarakhsh Energy Moham Shargh Engineering Co.

About us

With a rich history spanning over a decade, we take pride in being a trusted and experienced EPC general contractor since 2006.

- 1. Industry Focus: The company operates in the following industries:
- Power and electricity industry
- Oil and gas sector
- Petrochemical industry
- Metal industries (copper, steel, and aluminum)
- Railway industry
- 2. Expertise and Departments: The company has expertise and dedicated personnel in various areas:
 - Engineering and planning department with 150 personnel specializing in HV, LV, and Civil engineering
 - Substation Automation System (SAS) department
 - Domestic and international trades department
 - Contracts, project management, and installation department
- 3. Project Portfolio: The company has successfully completed various types of projects:
- 90 EPC substation projects
- 25 EPC power transmission and distribution lines projects
- 120 retrofitting, operation, and maintenance projects
- 24 SAS (DCS) software projects
- 203 MW solar power plant projects
- 4. Value Proposition: The company emphasizes its dedication to excellence, reliability, and timely project delivery. They highlight their commitment to providing tailor-made solutions, collaborating with clients, and maintaining high-quality standards.





ISO 9001 : 2015

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Franck LEBELIGLE
Managing Director of AFNOR Certification
Oracleur General d'AFNOR Certification

This approval verifies that Reliable Certification Services Ltd has assessed and registered the Quality Management System

AZARAKHSH PAZH POWER TRANSMISSION CO.

In compliance to the:

- Guidelines for compet people development , ISO 10015:2019

For the following activities:

ENT AND CONSTRUCTION OF PO AND SUB-STATIONS PROJECTS

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Original Date of Issue

Certificat

Date of Expiry



Certificat

N° 2020/453025.1

AFNOR Certification certifies that the management system implemented by AFNOR Certification certifie gue is systems de management mit en place per

AZARAKHSH PAZH POWER TRANSMISSION CO.

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ISO 14001 : 2015

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Pranck LEBEUGLE
Managing Director of AFNOR Certification
Director of AFNOR Certification



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AZARAKHSH PAZH POWER TRANSMISSION CO.

AND CONSTRUCTION OF PO SUB-STATIONS PROJECTS.

ISO 45001: 2018

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2020-08-09



2023-08-08

Franck LEBEUGLE
Managing Director of AFNOR Certification
Directour General of AFNOR Certification

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This approval verifies that Reliable Certification Services L has assessed and registered the Quality Management System

AZARAKHSH PAZH POWER TRANSMISSION CO.

In compliance to the:

Guidance on project manager ISO 21500:2012

For the following activities:

ENT AND CONSTRUCTION OF POWER TO AND SUB-STATIONS PROJECTS

Date of Expiry 08 August 2023

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ماست جمودي مانيان زيامه ويودم كثور

به روش طرح و ساخت

شناسه على شركت: ١٠٣٨-٤٣٧٨٣٣ ملتضی است برای مشاهده جزئیات کواهینامه صادره به پایگاه <u>https://saiar.mporg.ir</u> مراجعه فرمایید.

همتاً تر صورت ارباع کار به آن شرکت رفات قلین برگزاری مقامات، موضوع آبلاشید تماره ۱۳۵۸۰ میرم ۱۳۵۳/۱۷۱۳ ریس مجلس اجرای آبلاشی آیرزشدهای اجرای خورسط و استوانستان اجرای موضه اجراموج داد ۵ بخشامه شدره ۱۳۵۷/۱۱ ۱۰ میرم ۱۳۹۲/۱۵۲۰ و مایر دانشاهما و استوانستانهای آن میاران آزارش است.

هم وکه نفرد در آگل و مهاد فرک و اطلاعات امتراویان (هیرخش جات سیره و اثراکان امتراوی) ، یاید مطالع طرف سب مدعات میشند میشند امتران (Ministratal mercale) اما و ارسال هو: هم فراواد بیند مطالع طرف سند به بین این آناما فراواد و مین و همیتمای جدید پس از تابید اگرفرها یاید در سالت این معادان ایند توجد اشاره ایند هما توجد بین می از افضار این میشند میش فرد نامید انداز

در صورت مذایرن مطالب این گواهیانه با اطلاعات موجود در بایگاه جذوب موزود: معزود: Ampunitagier معزود: به مندرجات پشت صفحه گراهینامه توجه قرمایید.

میدجواد قایم فر رو رئیس امور نظام قنی اجرایی، مشاورین و پیشانگاران

گواهینامه صلاحیت پیمانگاران اجرای پروژههای ص

جناب اقای محبود جلالیان زعفرانی مدیر عامل محترم شرکت مهندسی افرخش افرای مهام شرق شماره ایت ۲۲۹۸

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Certificat

Approval Number: 2020/IR.162.8425

This approval verifies that Reliable Certification Services Ltd. has assessed and registered the Quality Management System of:

AZARAKHSH PAZH POWER TRANSMISSION CO.

ines for the Development and Application of Health, and Environmental Management Systems Report No. 6.36/210

For the following activities:

EING, PROCUREMENT AND CONSTRUCTION OF POWER TRANSMISSION LINES AND SUB-STATIONS PROJECTS



ما ثبان برنگر و اواد

گواهینامه صلاحیت پیمانکاری

جناب آقای محمود جلالیان زعفرانی مدیر عامل محترم شرکت آذرخش انتقال نیروی باز نساره ثبت: ۲۸۲۰۳

با استفاد به مسیمه قساره ۱۲ ۱۳۵۰ تا۱۳۳۵ مورخ (۱۳۵۰/۱۳۱۱ هرآت معترم وزیران و با توجه به امراز شرایط ۱۲رم تأثید معلاجت آن شرکت در سامانه جنم تشخیص معلاجت مواشل نظام قش اعرابی به این وسیف معلاجت آن شرکت برای تجاه نیور بیشکاری از تاریخ معید این گرفتیانت با بابان دوره ارتشاری و معاکل تا تاریخ ۱۲۰۱۱۱۱۲۳ مقام میگردد

ر برای می است می شرکت ا ۱-۳۸۰ ۴۳۷۸۳۳ شناسه مین شرکت ا نواهشمند است برای مشاهده جزئیات گواهینامه صادره به پایگاه http://xajar.mporg.ir مراجعه فرمانید.

ر بنایت قانون برگزاری منافسان، موضوع تبلاغیه شدره ۱۳۰۸۰ مورم ۱۹۷۳ (۱۳۸۳ رئیس مجلس شورای اسلامی، مناشخهای امران مربوطه و طرفیت کاری مجاز در زمان ارماع کار ایستا آن شرکت شروری است.

سید جواد قانع فی روی رییس امور نظام فنی اجرایی

هم توجه تميز در کان و مهاد شرکت و ماکادتان تمیزانون (معرفض میاند مدود و کرانش تمیزایی) باید مناکم طرف معت مد ما در مانشد مایدان (http://www.spoce.com/ هم فراهای حدم مناکم طرف مدت مده مدین در آنامها فراهای می مین نیستمانی مدید پس از ایاسه کارفره باید از ساختا مداکد است فید ادامها فی خاکد تشخیص منافضت این مده و افسانی مؤسس نیش میش در فر صورت مقايرت مقالب اين گواهياهه با اطلافات موجود در پايگاه Antpulhagar suprorg.ie اطلاعات پايگاه اصالت دار د

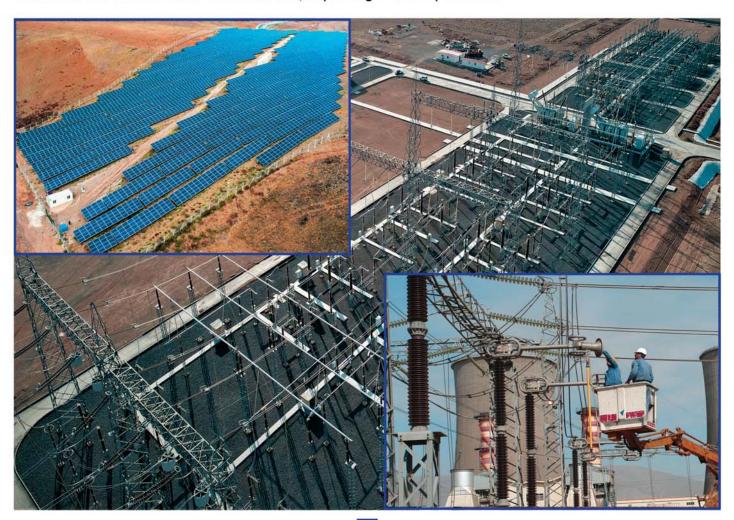
Radigite Carlifoldion Services, No. 47, Sensoverel St. Hashard St. Onself Ave., Yelnen, Iven. Tell'an IST 8885011 - week allow I afnor Certificate Azarakhsh Power Transmission Co. د بد استاد داد (۱۱) قارش دو مه و بعد کشو و آمیزاند تشخیر مداجه پداکان آمول بروادهای مصر به دیان طرح مانت شوع میده نشر (۱۱ فالفاد) دادیا به میدان ۱۲ (۱۲ فالفاد) ماند مدهر در میدان و با وجد دامراز استاد از در واس مداجه آن از این در باشده میاه میدان میدان میدان استاد و استاد به این به استاد میداند از در این از امداد استاد در اداری ویانان میدان به بوش می دادیا در اداری مسهولیان تا ایندان در اداری اداری اداری اداری در اداری اداری در

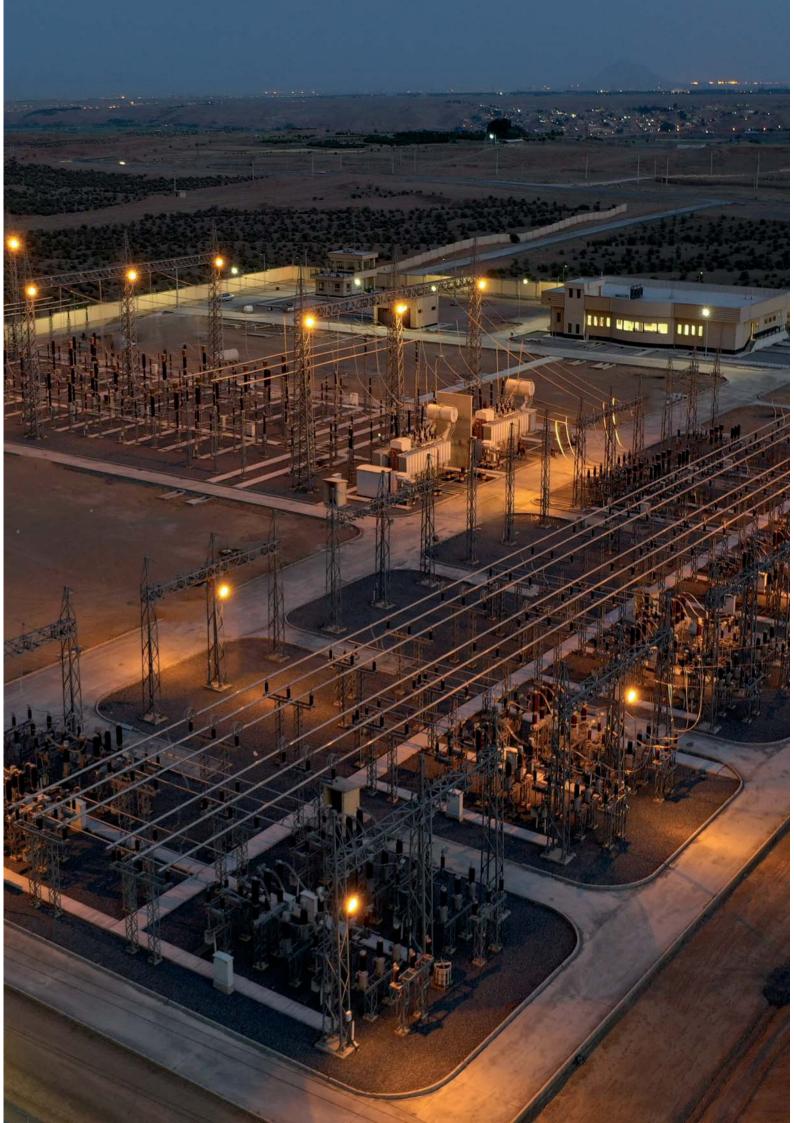
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Activities

In the realm of our activities, we excel in a wide range of endeavors. Here's an overview of our expertise:

- 1. EPC and EPCF Projects: We specialize in executing EPC (Engineering, Procurement, and Construction) and EPCF (Engineering, Procurement, Construction, and Financing) projects for both AIS (Air Insulated Substations) and GIS (Gas Insulated Substations), along with power transmission lines. Our proficiency extends up to 400 kV and even higher voltage levels.
- 2. Substation Design and Automation: Our capabilities encompass the design of substations utilizing Iranian aSAS software. We possess the expertise to develop substations at transmission and distribution voltage levels. Furthermore, we offer services for acquiring licenses and provide comprehensive substation automation system engineering services.
- 3. Operation and Maintenance: We undertake the crucial responsibility of operating and maintaining substations, transmission and distribution lines, as well as cable networks, up to 400 kV. Our team is equipped with the knowledge and experience to ensure the smooth functioning and longevity of these critical assets.
- 4. Renewable Energy (Solar Power Plant): Embracing sustainable practices, we actively engage in the field of renewable energy. Our involvement includes the development and execution of solar power plant projects, contributing to the generation of clean and environmentally friendly electricity.
- 5. Substation Equipment Optimization: We recognize the significance of optimizing substation equipment for enhanced performance and efficiency. Through our expertise, we provide solutions and strategies to maximize the effectiveness of substations, improving overall operations.







Azarakhsh Energy Moham Shargh stands as a leading contracting company in power design and construction. Our capabilities extend to the simultaneous construction of various types of AIS (Air Insulated Substations) and GIS (Gas Insulated Substations) in a turnkey manner. We excel in providing engineering, goods supply, and construction services (EPC) through conventional methods. Additionally, we possess expertise in DCS (Distributed Control System) implementation across key industries.

Our history showcases a strong track record in turnkey construction of high voltage air power transmission lines. We have successfully executed projects at voltage levels ranging from 33 kV to 400 kV. Our portfolio features diverse types of transmission line structures, including telescopic towers, lattice towers, and concrete beams. Whether single circuit or double circuit, we have the expertise to handle the construction of power transmission lines. Furthermore, our portfolio encompasses the implementation of high voltage cables ranging from 20 kV to 230 kV.

With a wealth of experience and a commitment to excellence, we are dedicated to delivering exceptional results in the field of substations and transmission lines. Our comprehensive services and expertise ensure the successful completion of projects, providing reliable and efficient power infrastructure.











Renewable Energy

In response to the growing demand for clean and sustainable energy, our company is actively exploring new methods of electricity generation through renewable power plants. We collaborate with subsidiaries to conduct feasibility studies, obtain licenses, design systems, procure equipment, install, test, and commission photovoltaic power plants for investment and contracting purposes.







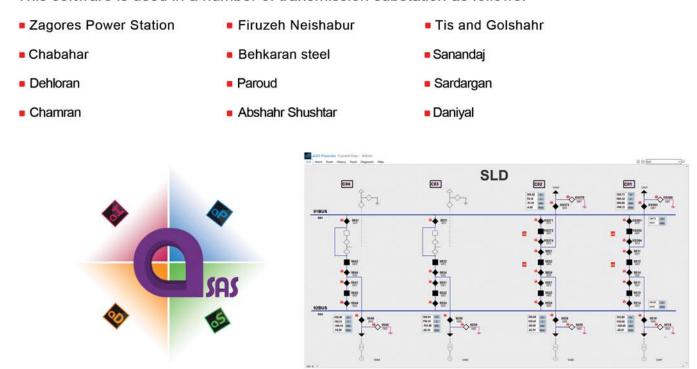




aSAS automation software

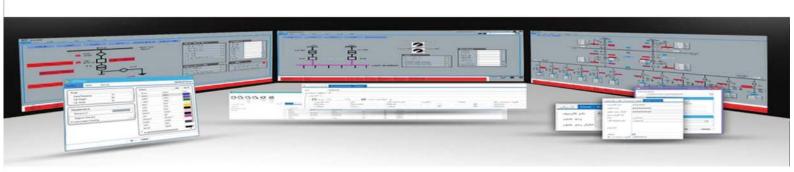
Our experienced team of 25 expert programmers and cyber experts developed our substation automation software in 2011. Four years later, in 2015, the software was officially launched by the President of the Republic and the Minister of Energy at the Mashhad 132 kV substation, where it was successfully deployed.

This software is used in a number of transmission substation as follows:



Here are the key advantages of our software:

- Versatility: It can seamlessly communicate with various equipment brands simultaneously.
- User-friendly: Designed to be easily understood and operated efficiently by a wide audience.
- 24-hour support: Our internal support team is available round-the-clock for troubleshooting and assistance.
- IEC61850 relay compatibility: The software can support CID and ICD files associated with IEC61850 relays.





Maintenance and Repair

Our maintenance and repair services cover a wide range of specialized areas as follows:

- Electricity, water, oil, and gas industries
- High voltage substations operating at both 230 kV and 400 kV voltage levels.
- High voltage transmission lines
- Railroad transportation systems
- Steel industry facilities and refineries
- Gas and diesel power plants
- Diesel generators.









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