



Bonyan Abzar-e Rasam

Introduction, Services and Achievements _____



Technical and Engineering Department



Our services

Installation

During the production line installation process, our team of experienced engineers and technicians will work diligently to ensure a **smooth** and **efficient installation**.

Our installation services include site preparation, equipment assembly, system integration, and testing to ensure **optimal performance**.

We will also provide comprehensive training to your operators to ensure they are **fully proficient** in operating the new line.

Our goal is to minimize disruption to your operations and deliver a fully functional and optimized production line that meets your specific **requirements**.

Troubleshooting

Our production line troubleshooting service is designed to **quickly** and **efficiently** identify and resolve any issues that may arise on your manufacturing line's operation process flow.

Our team of experienced engineers and technicians utilize advanced diagnostic tools and techniques to pinpoint the **root cause** of the problem, and provide effective solutions to minimize downtime and maximize productivity.

With our comprehensive service, you can trust that your production line will operate **at peak performance**, ensuring optimal efficiency and profitability.

Consultation

We offer expert consulting services designed to navigate the complexities of the **Air Cargo Handling**, **food** and **beverage packaging** sector. Our strategic guidance is geared towards optimizing processes, improving production efficiency and fostering sustainable growth in a competitive market.

Our team of experienced professionals can provide you with tailored advice and solutions to optimize your **production processes**, **reduce costs**, **improve quality control measures**, and **enhance overall efficiency**.

Whether you are a small business or a large-scale manufacturer, we can work with you to develop a **customized plan** that meets your specific needs and objectives. Contact us today to learn more about our consultation services and how we can **assist** you in achieving your manufacturing **goals**.

Sales

As a leading supplier of **Laboratory equipment**, **Raw materials**, and **Electrical-Mechanical components**, our mission is to provide top-quality products and services to meet the diverse needs of our clients.

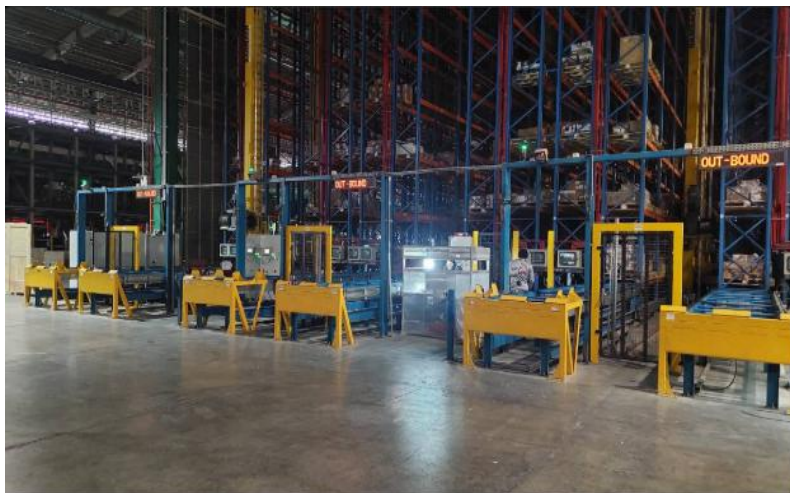
With a wide range of cutting-edge equipment and materials, we ensure that our customers have access to the **latest technology** and **innovations** in their respective fields.

Our commitment to excellence and customer satisfaction is reflected in our dedication to delivering **reliable, efficient, and cost-effective solutions**. By partnering with us, you can trust that you will receive the **highest level** of support and expertise in the industry.





Projects



Imam Khomeyni International Airport (Robatkarim - tehran)

- Installation, modification, design and commissioning of below machines:
- TetraPak Process & Packaging
- Krones
- KHS



CNC (Eslamshahr - Tehran)

- Installation, modification, design and commissioning of below machines:
- TetraPak Process & Packaging
- Krones
- KHS



Iran Transfo Rey (Parand - Iran)

- Full upgrading GEORG precisioncut TBA(1977)
- Siemens Control & Servo System



NEYSAN SHARGH (Mashhad - Iran)

- Implementation and Activation of Sidel PET Production Lines Commissioning





PAKSAN (Tehran - Iran)

- Replacing operation Panel and parameterization on SABROE UNISAB II Ammonia Compressors
- Troubleshooting and Breakdown Resolution



ARVAND DINA PASARGHAD (PEPSI) (Dezful - Iran)

- Implementation and Activation of Sidel PET Production Lines Installation, modification, design and commissioning



DOMINO (Eslamshahr - Iran)

Senior electrical supervisor

- Installation, modification, design and commissioning of below machines:
- TetraPak Process & Packaging
- Krones
- KHS
- FFS (Form Fill Seal)
- Laboratory Devices (Foss bactoscan, Foss milkoscan, etc.)
- TetraPak Pilot Plant
- Boiler & ATLAS COPCO Compressed air Compressors
- Ice cream machinery: TetraPak Hoyer Packaging & Ammonia Freezers
- SABROE & GEA GRASSO Ammonia Compressors



AFRASHIR (Robatkarim - Iran)

- Troubleshooting and Breakdown Resolution Tetrapak TBA8
- Troubleshooting and Breakdown Resolution Tetrapak Aseptic tank(Tetra Alsafe)
- SABROE Ammonia compressor troubleshooting



**SASAN (PEPSI) (Tehran - Iran)**

- Customized Design and Strategic Modification of Sidel PET Lines: Integrating Tunnel Pasteurizer and Innovating Conveyor Systems
- Installation, modification, design and commissioning

**BORNA LABAN (Safadasht - Iran)**

- Automation on Cheese process machine, Butter Process machine, Bosch Processed cheese packaging film (IWS) machine
- Tank gauging
- Cooling tower control system
- Dry Powder Spray System

**VENUS SHISHE (Tehran - Iran)**

- Automation on bending glass furnace and glass cutting table and vacuum machine

**GOLDEN OPAL (Tehran - Iran)**

- Siemens Sinamics Motion Control system troubleshooting for Ceramic Cookware Furnace
- Optimizing the Palletizer machine for OPAL Dishes





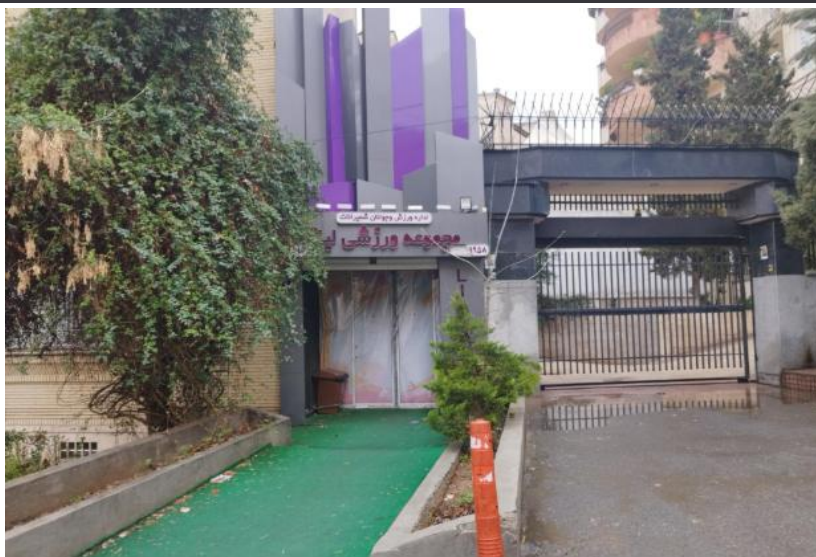
ESTEGHLAL COLD STORAGE (Shahriyar - Iran)

- SABROE UNISAB II Ammonia compressor troubleshooting



SABZDASHT COLD STORAGE (Eslamshahr - Iran)

- Ammonia screw compressor troubleshooting
- COMMINs Power Generator troubleshooting



LIANA SPORT COMPLEX (Tehran - Iran)

- Automation on booster pump system and heating of sauna and jacuzzi
and fresh ai system and central ventilation



NAJAFABAD COLD STORAGE (Esfahan - Iran)

- SABROE Ammonia compressor troubleshooting



**HAMOON PROFILE (Pakdasht - Iran)**

- Diagnosing the Siemens dc drive (simoreg) of the extruder machine as well as replacing the spindle servo drive (Bosch Rexroth) and its parameterization

**AKHTAR SHOMAL (Shahr qods - Iran)**

- Automation on INNOVANCE PLC and enhancing machine speed as well as optimizing the Delta Servo System

**Sahand karton (Safadasht - Iran)**

- Troubleshooting and Breakdown Resolution : Ensuring Uninterrupted Production Line Performance
- Implementation of PARKER DC CONVERTOR for Carton cutting unit

**Mehregan TOWER (Ekbatan - Iran)**

- Update and automation of booster pump systems
- Installation of pressure and temperature control systems to provide suitable water pressure and temperature in all floors





ALAALAMIE (Baghdad - Iraq)

- Implementation of HEIDELBERG and CROMOMAN Print & Packaging machine.
- Installation, modification, design and commissioning

