



Golden AIM For General
Contracting And Supplying

GOLDEN AIM FOR GENERAL CONTRACTING AND SUPPLYING

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📍 EGYPT, CAIRO, 10th of Ramadan, Sharqia Governorate.



INTRODUCTION

- **AIM** has been taking a leading role in providing general contracting services with uncompromised commitment to Quality, Health, Safety and Environment. We do this through the combination of an open relationship with our employees based on mutual trust, transparency, accountability and discipline. In preparation to meet the growing market demands for diverse construction
- **AIM** company has heavily invested in employing a highly qualified senior management team and staff to meet international standards and purchased state-of-the-art equipment to participate in upcoming, challenging large-scale projects. Being proud of our achievements, we will continue to further enhance our commitment and capabilities in the electromechanical works with integrity and strive for business excellence

- **AIM** has the human and technical resources and the depth of know-how and experience to help clients achieve success domestically and overseas. Because clients demand and deserve a completely satisfying solution in every project, regardless of complexity. differentiates itself through its commitment to perform above clients' expectations and on their behalf. is able to reduced shutdown time and has quick response to clients in quotations and projects study stage. Whatever your current or future needs are .has been taking a leading role in providing general contracting services with uncompromised commitment to Quality, Health, Safety and Environment. We do this through the combination of an open relationship with our employees based on mutual trust, transparency, accountability and discipline. In preparation to meet the growing market demands for diverse construction

OUR MISSION



Acquire and apply the highest S.S. international standards is a major characteristic in all of our lifetime lasting quality products



Provide the best quality products by applying the highest level of professionalism and integrity in the manufacturing industry.



Present advanced technologies through strong partnership with reliable foreign suppliers/ manufacturers devoted to continuous development and products innovation



Developing our certified welders and motivated employees to attain excellence in their individual skills, responsibilities and capabilities.



Ensuring that all actions and decisions are being made with the objectives of growth and expansion of AIM Company in a continuously global changing economy

OUR VISSION

- Maintain our market leadership position for we are considered to be the Egyptian industrial benchmark against which, all other local Manufacturers compare their products accordingly to our standards.



CORPORATE PROFILE

When you're looking for a company to support your electromechanical work & civil work and electrical work, you need a contractor that offers qualified workers, the right equipment and a track record of success. AIM Company is the ideal solution for engineering requirement established to be one of the biggest leader companies in field of electromechanical works project. AIM Company has the experience in the Storage tanks, pressured tanks, boiler system and pipeline works, Oil and powder filling lines, dryer, drainage, production line, refrigeration plant, conveyor belt, steel structure and control panel needs; we can also utility construction and management. Underground utility projects, tanks and pipe line installation and site utilities improvements for housing development projects. Our teams have the experience enough to build the future based on the integration of scientific theories in practical ways. And as our value, engineering is our vision



Our Product and service



- Pressurized Tanks used in different industries
- Mixing Vessel and Water Vessels
- Industrial Refrigeration plant
- Production Lines
- Conveyor belt
- STEEL STRUCTURE
- Condense
- Stairs
- Platforms
- Oil and powder filling lines
- Fire fighting network
- Insulation work
- Erection work
- Civil Finishing work
- Storage Tanks used in different industries
- Boiler System
- Control panel system
- Manufacturing work material steel & stainless steel
- Heat exchanger

REFRIGERATION PLANT

A refrigeration plant is a system designed to cool or freeze materials by removing heat, primarily through the principles of thermodynamics. The plant typically consists of the following major components:

1. **Compressor:** Compresses refrigerant gas, raising its pressure and temperature.
2. **Condenser:** Cools the high-pressure refrigerant gas, converting it into a liquid by removing the heat.
3. **Expansion Valve:** Reduces the pressure of the liquid refrigerant, causing it to cool down further.
4. **Evaporator:** Absorbs heat from the environment (or the material to be cooled), causing the refrigerant to evaporate and return to the gaseous state.
5. **Refrigerant:** The fluid that circulates through the system, alternately absorbing and releasing heat.

The refrigeration cycle repeats as the refrigerant moves through the system, making the plant effective for cooling purposes in industries such as food processing, chemical manufacturing, and air conditioning systems.

CIVIL FINISHING WORK

Civil finishing work refers to the final stages of construction that give a building or structure its complete appearance and functional features. It focuses on aesthetics, quality, and usability. Key tasks involved include:

Plastering: Applying cement or gypsum plaster to walls and ceilings for a smooth finish.

Flooring: Laying tiles, marble, wood, or other materials to complete the floors.

Painting: Applying paint, varnish, or wallpaper on walls, ceilings, and other surfaces.

Doors and Windows: Installing doors, windows, frames, and hardware such as locks and handles.

Electrical and Plumbing Fixtures: Finalizing the installation of lights, switches, sockets, faucets, and other fixtures.

False Ceilings: Installing decorative or functional ceiling panels.

External Finishing: Completing exterior surfaces with cladding, painting, or landscaping.

STEEL STRUCTURE

A steel structure refers to a building or framework that uses steel as its primary material for support. Steel structures are widely used in various types of construction, including industrial buildings, bridges, skyscrapers, and warehouses. Here's a summary of key aspects of steel structures:

1. Materials Used:

Structural Steel: High-strength steel beams, columns, and plates are used for the framework.

Bolts & Welds: Connections between steel members are typically made using bolts or welding.

2. Design and Components:

Beams and Columns: Steel beams (horizontal members) and columns (vertical members) form the skeleton of the structure.

Trusses and Bracing: These are used to provide additional support and rigidity to the structure.

Girders and Purlins: Girders are large beams that support the smaller beams or joists, while purlins support roof structures.

CONVEYOR BELT

conveyor belt is a system used to transport materials from one point to another, commonly found in industries such as manufacturing, mining, packaging, and logistics

- **Components:** Belt -Pulleys -Motor- Rollers

Types of Conveyor Belts:

Flat Belt- Modular Belt -inclined/Declined Belt-Curved Belt

A control panel system

- A control panel system is a central interface that allows users to monitor and control machinery, equipment, or processes. It is commonly used in industrial automation, manufacturing, HVAC systems, power distribution, and various other applications requiring process control such as food processing, chemical manufacturing, and air conditioning systems. calculation for all electrical loads (kW - Kilo Volt Ampere).
- Draw single line diagram for the Plant, Main distribution panels , Motor control centers(MDP-MCC) and making calculation sheet
- Calculation and selection of cross section area of cables .
- load schedules for the distribution of loads on main and sub distribution panels of the stations.

API STORAGE TANKS

AIM Company provides customers with field erected tanks & shop fabricated tanks with the American Petroleum Institute's (API) standards. We are up-to-date on the latest new, news, policies, and design requirements Tiba Company provides custom design, fabrication and erection of tanks that meet APS standards and customer specific requirements. With in-house engineering, experienced drafters, complete fabrication capabilities and field crews located throughout the country, we will be there when you need us

API 650 STANDARD

API 650 is the standard governing welded tanks for oil storage. It dictates tank design, fabrication, welding, inspection, and erection requirements, API 650 is widely used for tanks that are designed to internal pressures has extensive experience with API 650 tanks ranging in diameter from 500 -4000mm for refineries, terminals, pipeline facilities and other clients

SERVICES:- Engineering, Design, Fabrication & Erection, Custom Tank Accessories.

APS Tanks up to 500 mm diameter, Installation, Maintenance & Repair Services

ASME B31.3 PRESSURIZED TANKS

AIM Company provides customers with field erected tanks & shop fabricated tanks with the American Petroleum Institute's (ASME) an American National standards. We are up-to-date on the latest new, news, policies, and design requirements Tiba Company provides custom design, fabrication and erection of tanks that meet ASME standards and customer specific requirements. With in-house engineering, experienced drafters, complete fabrication capabilities and field crews located throughout the country, we will be there when you need us

TANK MATERIALS TYPES

STAINLESS STEEL 304, 316 & 316L ALL GRADE

CARBON STEEL ALL GRADE



PIPE WORK

ASME B31.3 contains requirements for piping typically found in petroleum refineries; chemical, pharmaceutical, textile, paper, semiconductor, and cryogenic plants; and related processing plants and terminals. It covers materials and components, design, fabrication, assembly, erection, examination, inspection, and testing of piping. This Code applies to piping for all fluids including: (1) raw, intermediate, and finished chemicals; (2) petroleum products; (3) gas, steam, air and water; (4) fluidized solids; (5) refrigerants; and (6) cryogenic fluids. Also included is piping that interconnects pieces or stages within a packaged equipment assembly. Key changes to this revision include: • Severe Cyclic Conditions • MPa Allowable Stresses • Expansion Joints • Flange Joint Assembly • Ultrasonic Examination Acceptance Criteria • Category M Fluid Service Examination • Leak Testing of Instrument Connections • Leak Testing of Vacuum Systems • Leak Testing of Insulated Systems • Leak Testing of Assembled Piping B31.3 is one of ASME's most requested codes. It serves as a companion to ASME's B31.1 Code on Power Piping as well as to the other codes in ASME's B31 series. Together, they remain essential references for anyone engaged with piping. Careful application of these B31 codes will help users to comply with applicable regulations within their jurisdictions, while achieving the operational, cost and safety benefits to be gained from the many industry best-practices detailed within these volumes. Intended for manufacturers, users, constructors, designers, and others concerned with the design, fabrication, assembly, erection, examination, inspection, and testing of piping, plus all potential governing entities.

MATERIAL PIPE

- Carbon steel
- Stainless steel all types
- UPVC
- HDPE

HOT WATER BOILERS

Industrial Hot Water Boilers are generally selected when the required process temperature is relatively low – typically less than 90°C. When higher temperatures are needed then alternative forms of heating such as high-pressure hot water, steam or efficient Thermal Fluid systems are used. However, the simplicity and generally low installation cost of hot water boilers have meant their continued use across a range of industries such as chemical, food and beverage where the temperature permits.

Advantages of Industrial Hot Water Boilers

- Inexpensive to install
- Simple and effective operation
- Low pressure so simple maintenance and inspection requirements
- High efficiency operation

BOILER FULL REHABILITATION.

- Complete refurbishment of Steam Generators on full turn-key basis in order to restore the design output provide fuel conversion, reduce emissions, and provide boiler up-grade and/or modernization when requested .Rehabilitation works can include where appropriate
- supply of new equipment and components.
- Repair / overhauling of systems and components necessary to ensure sustained commercial, safe and reliable operation at rated output (recovering availability and efficiency).Dismantling, erection, commissioning, trial operation and Performance Guarantee Testing.

INTERNAL TEST FACILITIES

Design and manufacturing of Dish end with Flange DN 2600mm
According ASME Boiler and Pressure Vessel Code where welding
test are done by (EGYPTIAN ATOMIC ENERGY AUTHORITY)
According selected standard



Welding test internally and external! for longitudinal and
transverse welding of steel pipe ON 2000 mm with length 12
m using Non destructive test . (ULTRASONIC TEST), test is
applied by (EGYPTION ATOMIC ENERGY AUTHORITY).



Non destructive test (liquid penetration test) is been
applied to Hassan Allam steel comer's According to
selected standard (ASME Boiler and Pressure Vessel
Code)



QA/QC WELDING STANDARDS

As we are specialistic of welding for different materials like Carbon steel ,Stainless steel 304/316,Alloy steel ,Duplex ...etc , we follow the following codes and standards :

Welding done according to standard codes as AWS D1.1 - ASME I, II, V, VIII,IX, B31.3, B31.1 - ASTM - API 5 L, 1104, 650, 620.

All NDT Tests (RT, MT, UT, PT, VT) were prepared according to Client specification, signed by the concerned parties and approved by the Client.

Painting procedure was prepared and approved by the Client with its related Painting report form.

All Quality control forms (Dimension report, NDT reports, Painting report, tc) were prepared in according to ASME procedures and its related project standard (AWS, EN Or ASME); and all approved by the Client.



(a) Flat



(b) Horizontal



(c) Vertical



(d) Overhead



SAFETY POLICY

Our safety target is to achieve zero fatality and zero loss time injury

Our job “SAFETY FIRST”, and we believe that the safety is one of the important departments in our company, so we follow global safety standards, specially “Dress requirements, Face and eye protection, and work permits.

AIM Company has the ability to execute all the jobs which can be suitable for our qualifications as we commit to provide adequate Manpower and tools to achieve the required progress.

Safety is a value that is fundamental to our culture Tiba mechanical has earned an industry-leading record of achieving zero lost-time incidents on projects worldwide.

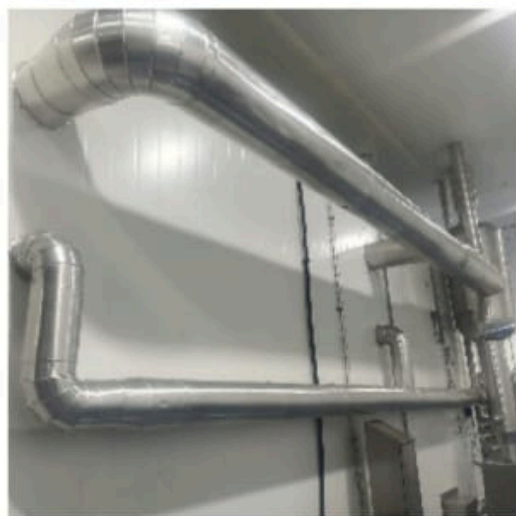
ear after year, our zero accidents philosophy helps put our safety performance right at the top of the industry.

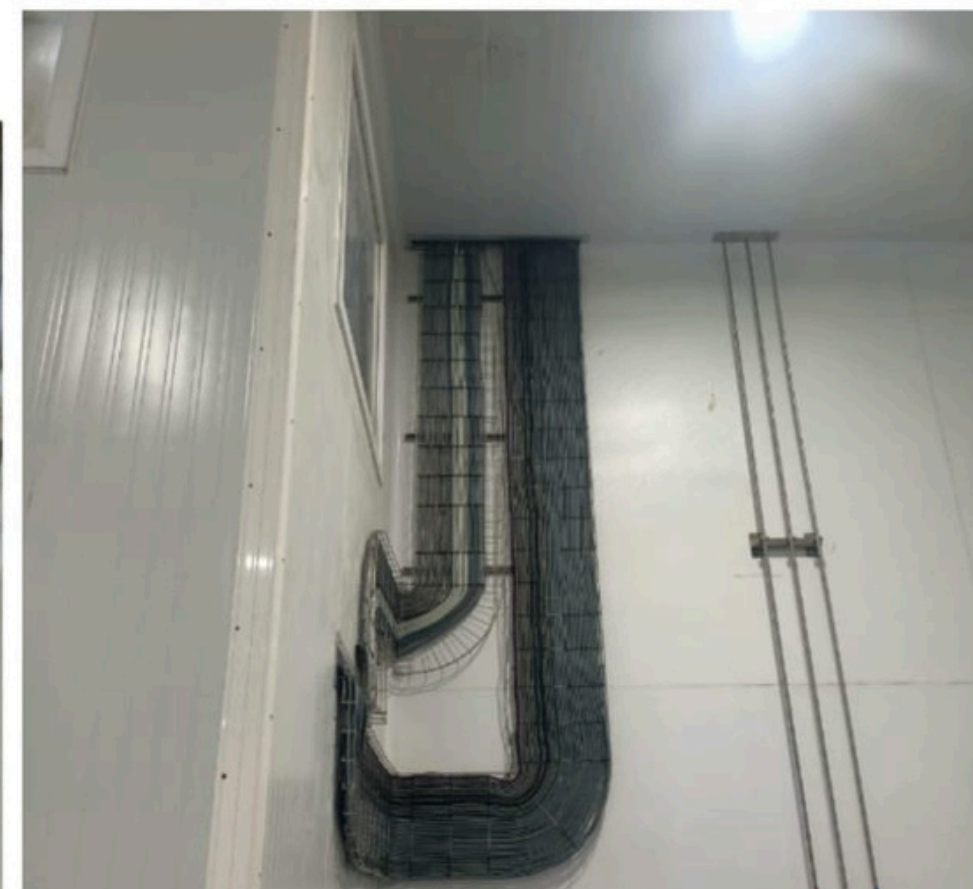
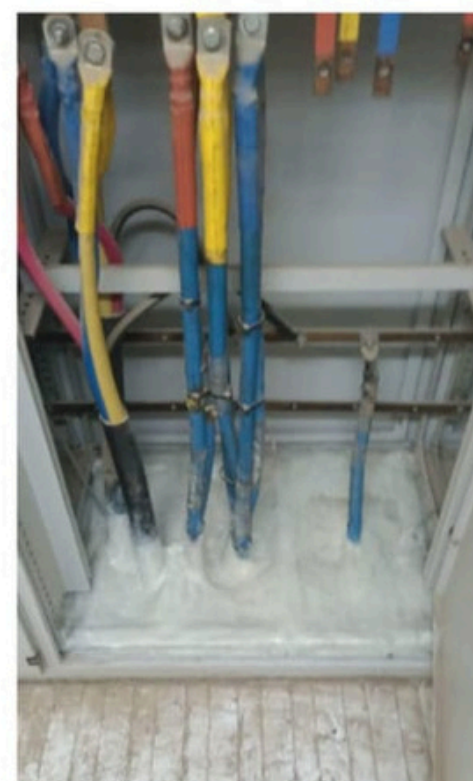
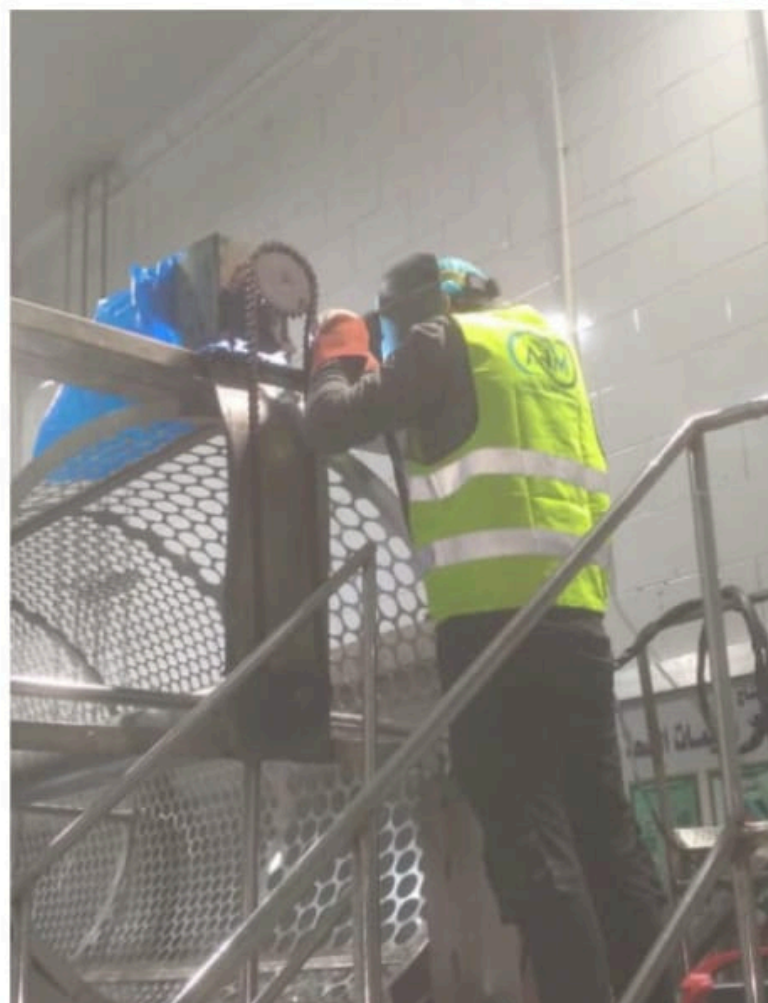
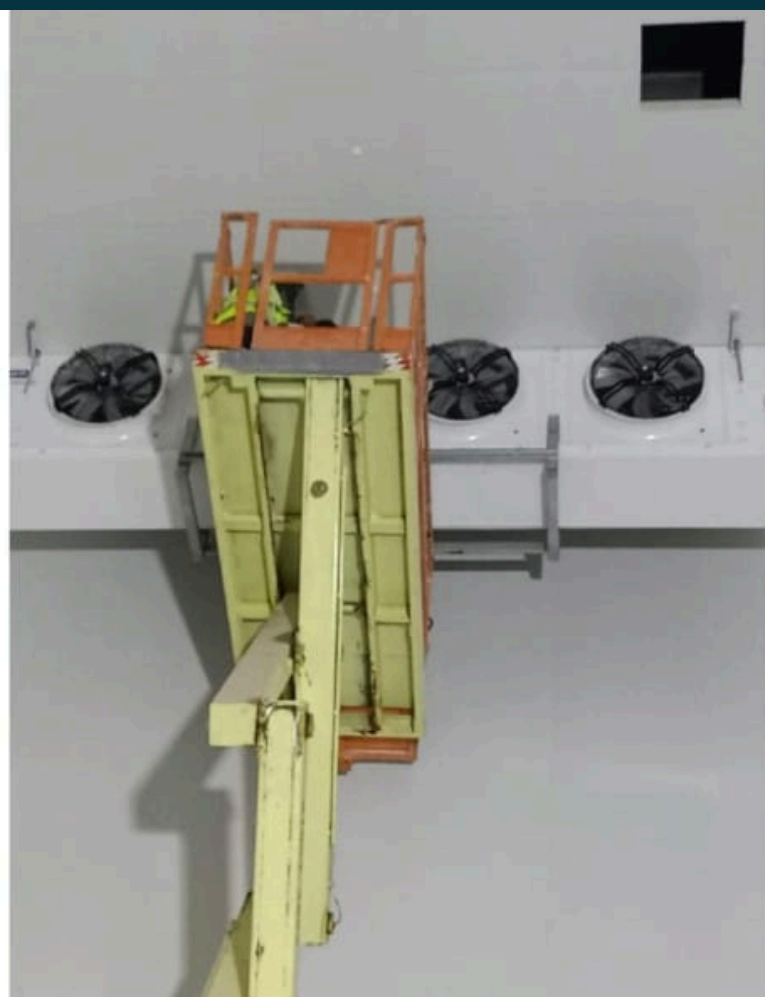


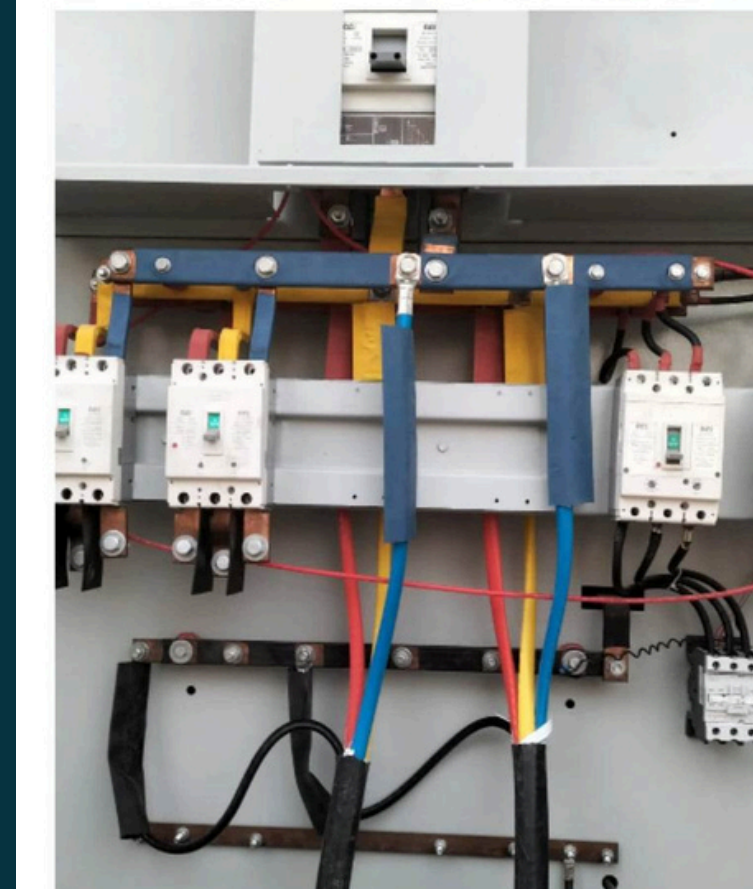
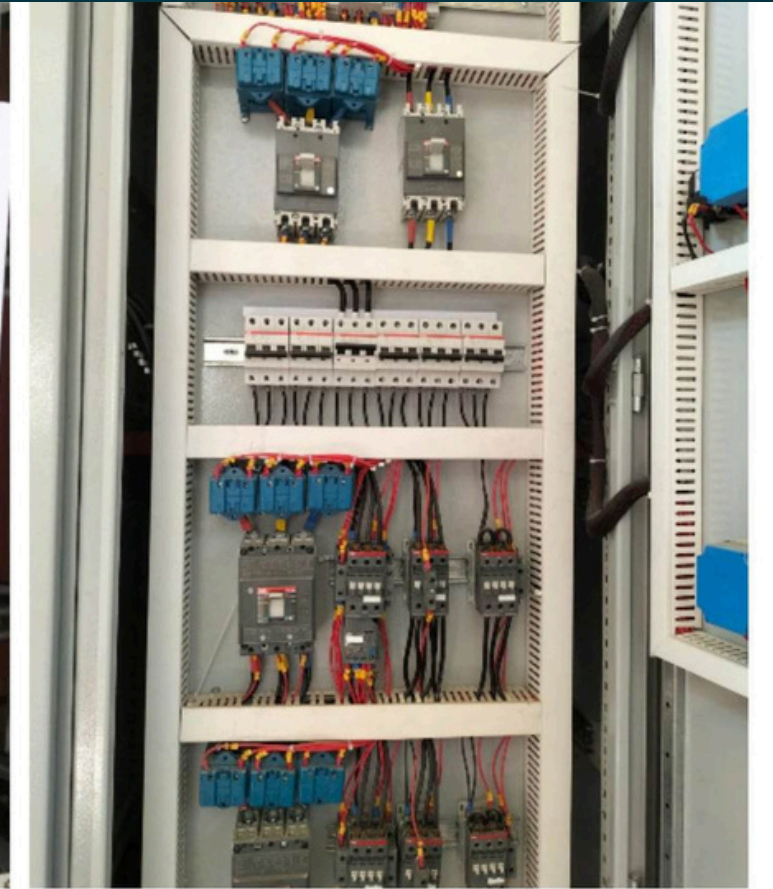
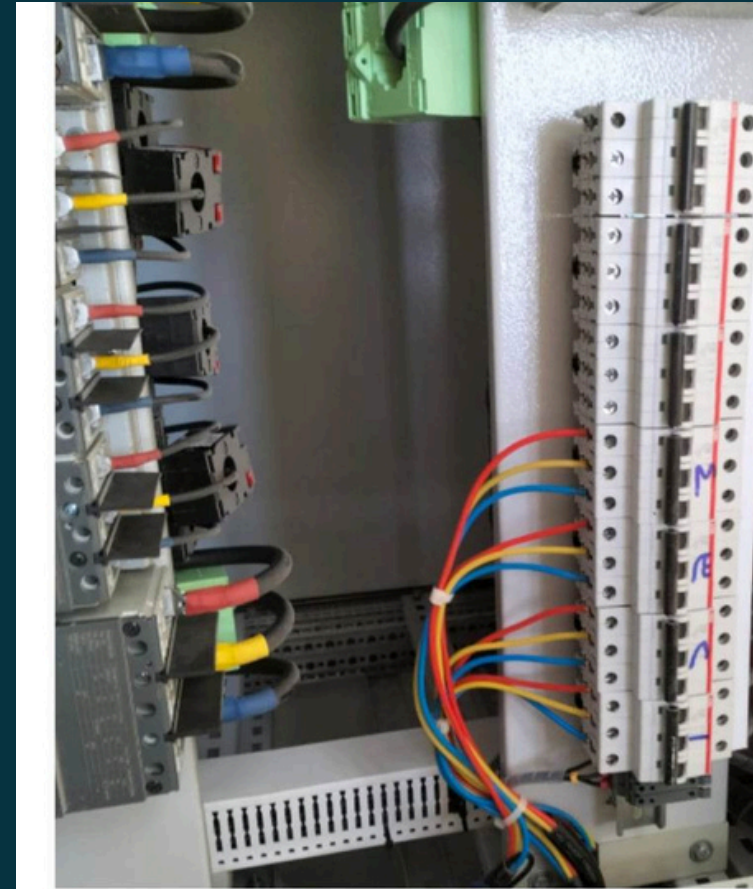
CLIENT

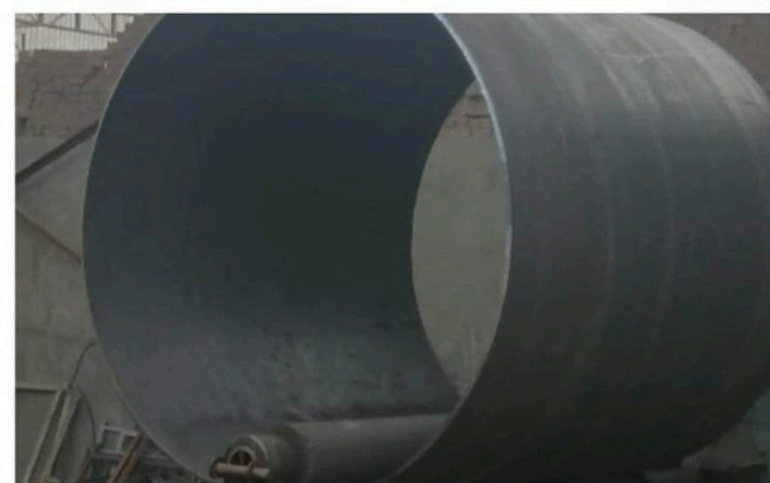


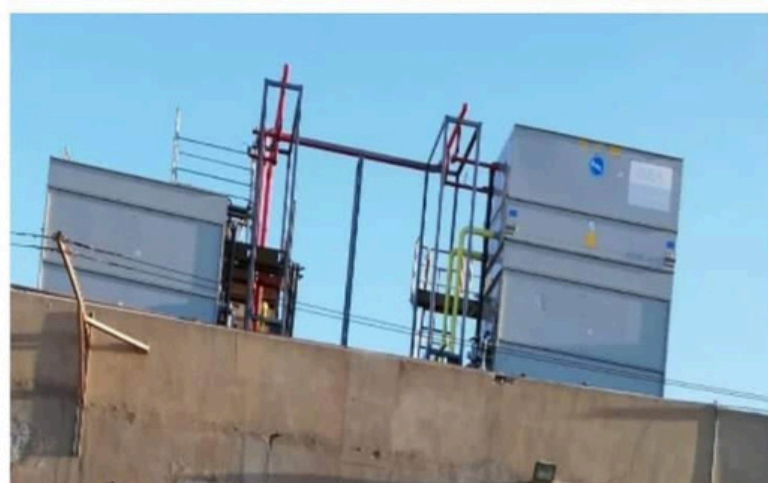
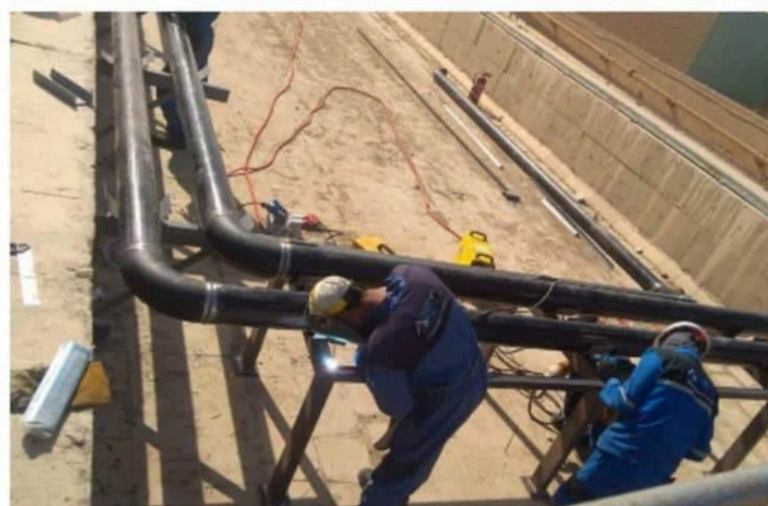
PROJECTS PORTFOLIO

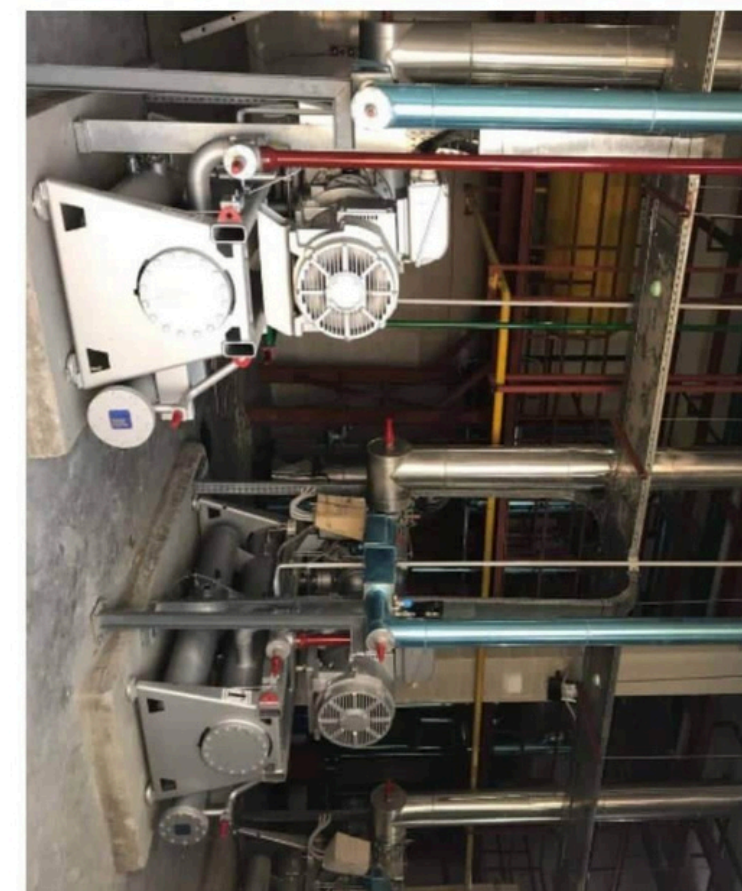
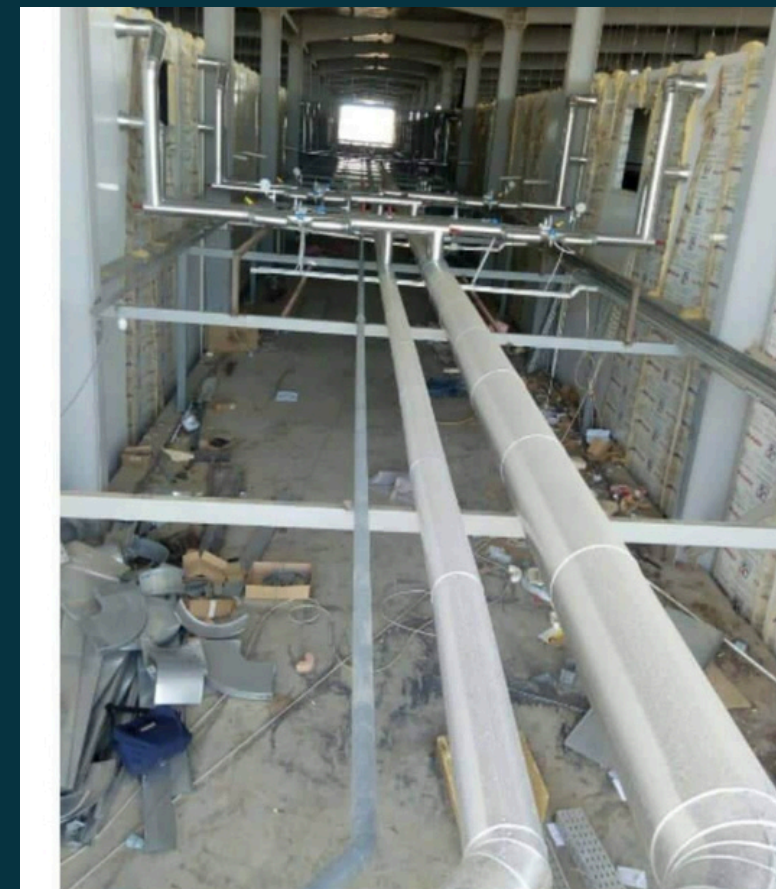


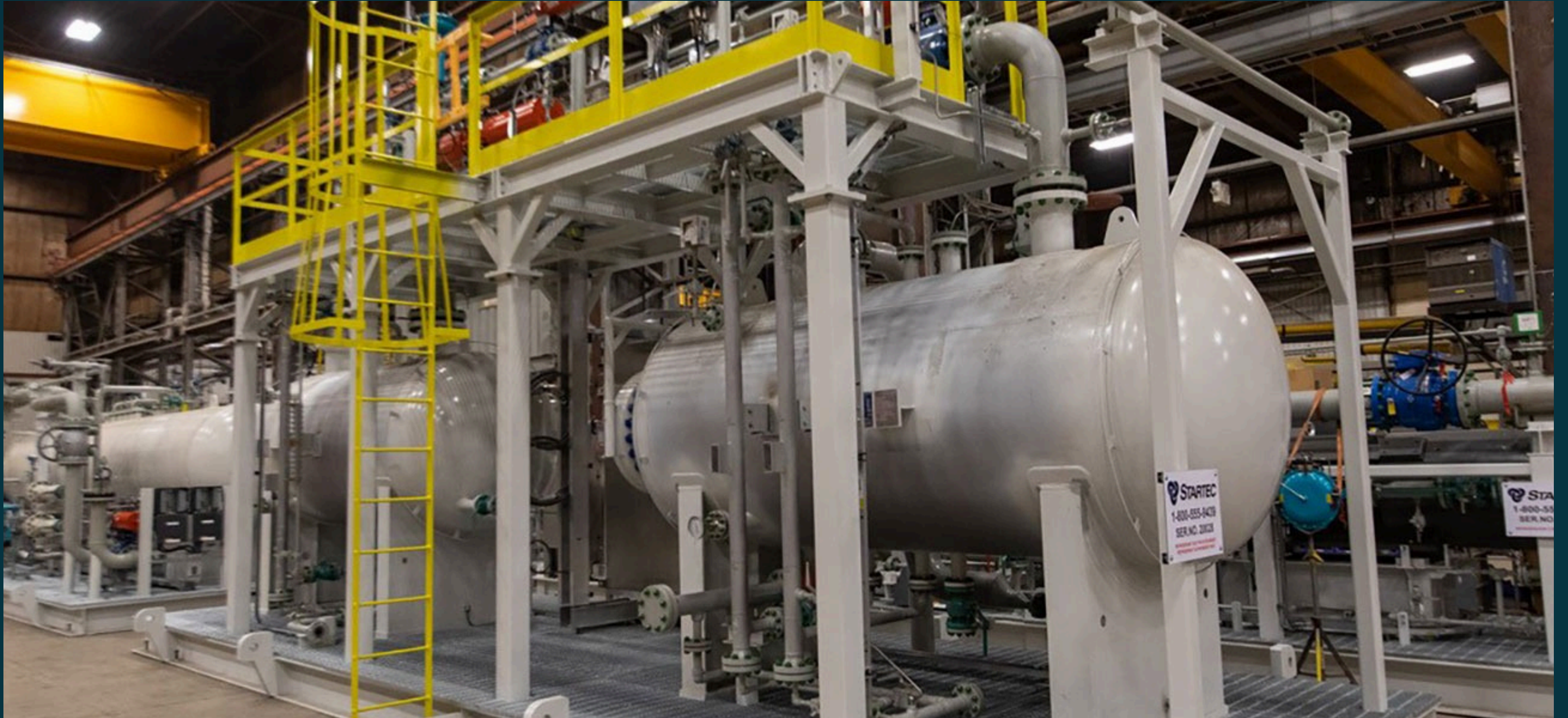














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