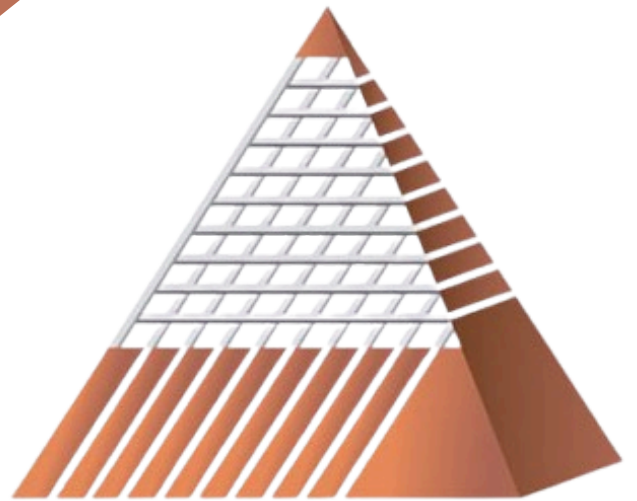


ALMASRIA

STEEL - CO

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INFO@ALMASRIA-STEELCO.COM



المصرية ستيل
ALMASRIA STEEL

ALRAWDA TOWER - NASSER
ST -TOWER NO 1



ABOUT COMPANY

ALMASRIA STEEL is a leading company specializing in the construction and maintenance of pipelines and storage facilities. The company was established to meet the needs of the local and regional markets by providing innovative and efficient solutions in the design and execution of infrastructure projects related to pipelines and storage tanks. ALMASRIA STEEL serves major industries such as oil and gas, water utilities, and other sectors that rely on pipeline systems for their operations.

The company specializes in:

Pipeline Construction: Designing and implementing pipeline systems for various industrial and commercial applications.

Pipeline and Valves Maintenance: Offering comprehensive maintenance services to ensure the operational efficiency and longevity of pipeline systems.

Storage Facility Construction: Early production facility oil & gas process plants refineries and complex Designing and building industrial storage facilities tailored to the specific needs of clients across different industries.

ALMASRIA STEEL relies on the latest technologies and equipment in executing its projects, making it one of the most trusted companies in the field. The company is committed to adhering to international standards of quality and safety, and it has built a strong reputation for delivering professional and high-quality services.



OUR VISION

ALMASRIA STEEL'S vision is to be the leading company in the field of pipeline construction and maintenance, Valves maintenance as well as storage facility solutions, by oil & gas process plants refineries and complex delivering innovative and sustainable solutions that meet the diverse needs of various industries. The company aims for regional and international expansion by leveraging advanced technologies and providing high-quality services engineering& HSE studies, contributing to the development of industrial infrastructure and enhancing customer satisfaction. ALMASRIA Steel strives to be a trusted partner in vital infrastructure projects, committed to continuous innovation while maintaining the highest standards of safety and professionalism.



OUR SERVICES

OUR SERVICE

ALMASRIA STEEL'S involvement in the oil and gas industry includes providing comprehensive solutions in the construction and maintenance of pipelines and storage facilities used for the transportation and storage of oil and gas project , EPF , oil & gas process plants ,storage tanks transportation pipelines ,refineries and complexes ,engineering case studies ,troubleshooting solution ,valves maintenance for different types ,commissioning and startup. The company has extensive experience in this vital sector, offering its services to leading companies in oil and gas exploration, production, transportation, and distribution.

Key areas of expertise ALMASRIA STEEL provides within this sector include:

Pipeline Construction for Oil and Gas Transportation: ALMASRIA STEEL designs and constructs robust and secure pipelines for transporting oil and gas from fields to processing plants and storage facilities, ensuring compliance with international quality standards and safety regulations.

Pipeline Maintenance: The company offers regular maintenance services for oil and gas pipelines to ensure operational continuity and efficiency. These services include pipeline inspections, leak repairs, and replacement of damaged components.

Construction of Oil and Gas Storage Facilities: ALMASRIA STEEL provides integrated solutions for building oil and gas storage tanks, including the construction of large-scale reservoirs and designing storage systems that ensure safety and operational efficiency.

Infrastructure Solutions: ALMASRIA STEEL contributes to the development of infrastructure for oil and gas projects by executing projects related to pipeline systems and associated facilities, which help companies optimize their production and transportation processes.

The company is known for using advanced technologies in this field, enabling it to provide innovative and effective solutions that meet the needs of oil and gas companies while adhering to the highest safety and quality standards.



OUR ENGINEERING & CONSULTING SERVICES

ALMASRIA STEEL company have highly professional engineering office that adheres to highest engineering standards.

Oil & Gas project

- Oil & Gas process plants
- Early production facilities
- trouble shooting solution's
- Transportation Pipelines
- Implementation of Oil and Gas Refinery Pipelines
- Implementation of Insulated and Buried Pipelines
- Implementation of Transportation Pipelines with Diameters Ranging from 6 Inches to 40 Inches
- Preparation of Designs and Engineering Studies
- Installation and Renewal of All Oil Separation Equipment
- Construction and Maintenance of Oil Production Tanks



OUR ENGINEERING & CONSULTING SERVICES

our engineering & HSE studies

Risk Analysis & Engineering

- Identifying, analyzing, evaluating, and reducing risks associated with operations and equipment to acceptable levels.

Key Studies and Identifications:

- Hazard Identification (HAZID).
- Major Accident Hazard Identification (MAH).
- Hazard and Operability Study (HAZOP) / Preliminary Hazard Analysis (PHA).
- Failure Mode and Effects Analysis (FMEA) / Failure Modes, Effects, and Criticality Analysis (FMECA).
- Risk Register.
- Hazardous Area Classification (HAC).

HSSE / Safety Case

- Development or updates of HSSE / Safety Case.
- Regulatory compliance review.
- Independent and periodic reviews.
- Training and communication.
- Performance Standards & Verification Schemes:
 - Identification of safety and environmental critical elements.
 - Development of performance standards and verification schemes.



OUR ENGINEERING & CONSULTING SERVICES

Functional Safety

- Cause & Effect Development and Updates (C&E).
- Fault Tree Analysis (FTA).
- Event Tree Analysis (ETA).
- Safety Integrity Level (SIL) assessment.
- Verification and validation.

Qualitative & Quantitative Risk Analysis

- Bowtie Analysis & Safety Critical Elements (SCE).
- Onshore/Offshore risk identification.
- Quantitative Risk Assessment (QRA) using SAFETI9 and 3D models.
- Onshore/Offshore Fire and Explosion Risk Assessment (FERA).
- Occupied Building Risk Assessment (OBRA).

Environmental Studies

- Environmental Impact Assessment (EIA).
- Social Impact Assessment (SIA).
- Strategic Environmental Assessment (SEA).
- Environmental Auditing (EA).
- Compliance Environmental Management Plan for construction and operation.
- Compliance Action Plan (CAP).
- Environmental Register (ER).
- Integrated Waste Management Plan (IWMP).
- Marine Mammal Observation.
- Environmental Measurements.
- Monitoring of accumulated emissions.
- Monitoring of ambient air quality.
- Noise Dispersion Modeling.
- Onshore/Offshore Ecological Baseline Survey.
- Social Baseline Survey.



OUR PROJECTS

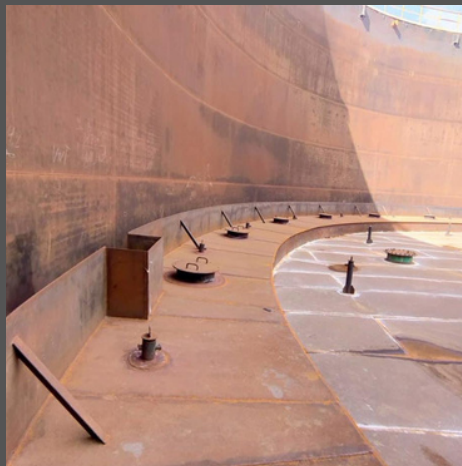
OUR PROJECTS

as a collaborate with leading company of Petromaint ,Egyptian Maintenance Company (EMC) , Petrojet on key project to achieve mutual benefits and drive imagination.

-Mechanical works of Rehabilitation of Storage Tanks

•Scope of Work (SOPC , GBC , KBC)

- Review all inspection report's and corrosion analysis
- Removing and Replacing the old Tank Floating Roof.
- Removing and Replacing the old Tank Fixed Roof.
- Modify tank Floating Roof with Fixed Roof.
- Removing and Replacing the old piping system of suction and discharge.
- Replacing installing tank round sheets
- Replacing the old bottom and Annular Plates of Tank.
- Welding the Bottom Plate with SAW Technique.
- Sand-Blasting and painting of tank and piping.
- supply and Apply (E & I) Electrical and Instrument System





OUR PROJECTS

OUR PROJECTS

-Preparing Storage Tanks for maintenance and Modification.

-Scope of work

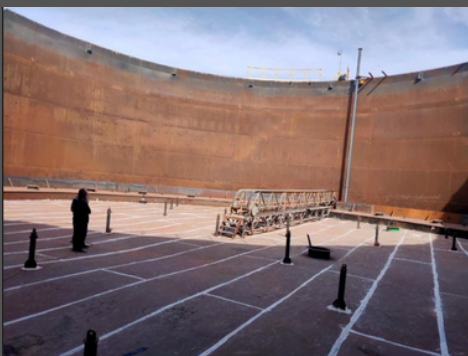
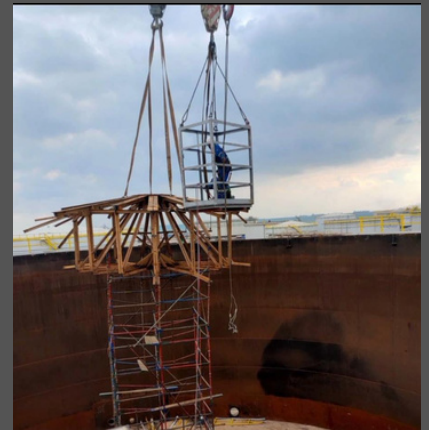
- Sand Sweep and Sand-Blasting for tank.
- Cutting and welding of replaced sheets.





OUR PROJECTS

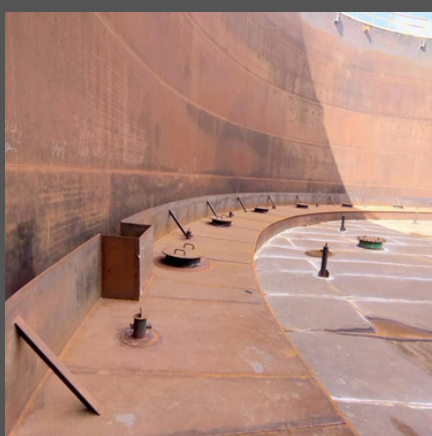
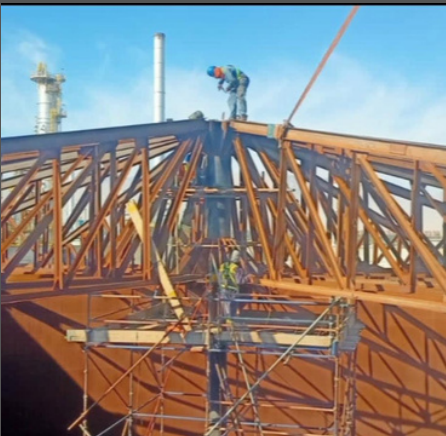
OUR PROJECTS





OUR PROJECTS

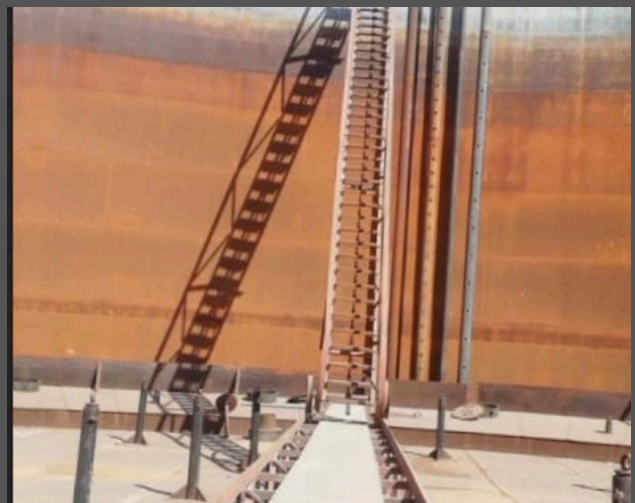
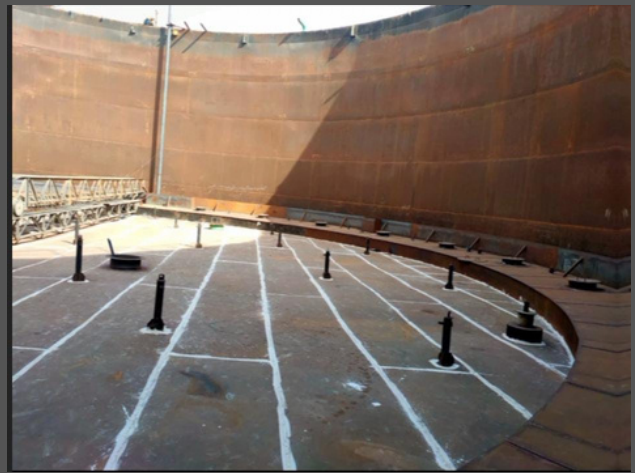
OUR PROJECTS





OUR PROJECTS

OUR PROJECTS





OUR PROJECTS

OUR PROJECTS

-Scaffolds Work.

·Scope of work

- All Mechanical works of AlMasria Steel is being served with its own Scaffolds with a huge quantity of cubic meters.
- Scaffolds for quality control activities with an amount of 50,000 cubic meters





OUR PROJECTS

OUR PROJECTS

-Mechanical works required for rehabilitation of pipe Installation.

-Scope of work

- Construction and instillation
- transportation pipeline size from 8 inch up to 40 inch with length up to 100 km
- Cold cutting of pipes 10,000 inches.
- Hot cutting of pipes and equipment.
- Loading and unloading of 20,000 tons of scrap





OUR PROJECTS

OUR PROJECTS

- Maintenance and replacing Pipeline of crude oil and products transportation and utilities piping system.
- Construction and maintenance Oil & Gas production , process plants and facilities storage tanks with different types , AlMasria Steel company have highly professional engineering office that adheres to highest engineering standards .
- Scope of Work
 - Remove old structure and fabricate new one of petroleum company, many piping system is suddenly damaged and results for products transportation.
 - These conditions need an emergency work and replacing the damaged parts as fast as possible.
 - AlMasria Steel had made many lines.





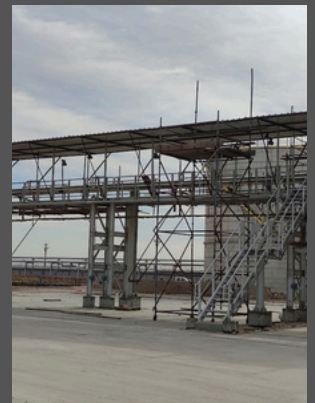
OUR PROJECTS

OUR PROJECTS

-Tie-ins of New Asphalt unit

-Scope of Work

- Sand Blasting and Painting of 15,000 square meters of pipes, fittings and Steel Structure.
- Fabricating and installing about 30,000 inches of pipes.
- Steel Structures fabricating and installing about 100 tons of Steel as pipe racks and bridges.
- Achieving all quality control and quality assurance requirements.
- Hydrostatic and Pneumatic Tests.
- Civil work for concrete bases.





OUR PROJECTS

OUR PROJECTS

-Overhauling of 2 Million barrel crude oil unit .

•Scope of Work

- Maintenance of Heat Exchangers.
- Scaffolds for quality control activities.





OUR PROJECTS

OUR PROJECTS

-Pipelines of crude oil and products transportation.

-Painting as per ISO standard and apply all painting techniques.

-we have innovation material Nano ceramic material.

•Scope of Work

- Sand Blasting and Painting of pipes, fittings and Steel Structure.
- Fabricating and installing of pipes.
- Steel Structures fabricating and installing of Steel as pipe racks and bridges.
- Achieving all quality control and quality assurance requirements.
- Hydrostatic and Pneumatic Tests.





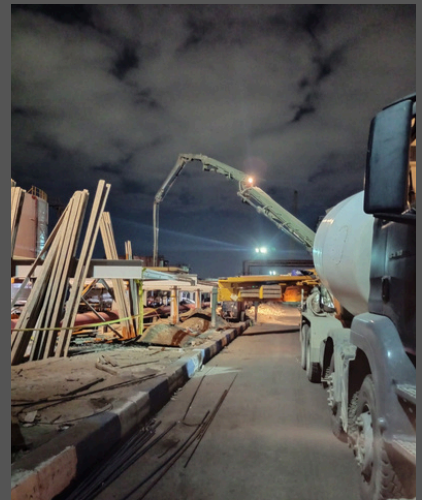
OUR PROJECTS

OUR PROJECTS

-Civil & Mechanical works for construction of Flare Line & the New Metal Bridge

•Scope of work

- Civil Work.
- Steel Structures fabricating and installing about 500 tons of Steel as pipe racks and bridges.
- Painting of 30,000 Square meters.





OUR PROJECTS

OUR PROJECTS

-Sand-Blasting and Painting of Equipment, Steel structures and pipelines

•Scope of Work

- Sand-Blasting, washing and painting of 500,000 square meters.
- Supply and applying painting system and alternative painting performance polymers technique with Nano ceramic material





OUR PROJECTS

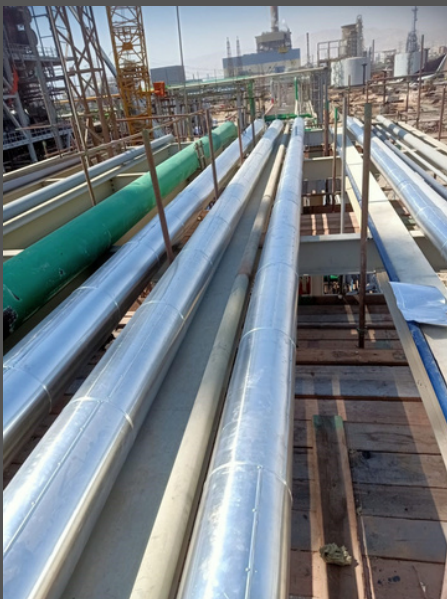
OUR PROJECTS

-Hot Insulation and cold Insulation Works

-Hot Insulation and cold Insulation with high technique methods compliance with ASTM and ISO certificates.

•Scope of Work

- Hot Insulation for 20,000 meters.
- Supply and apply all required materials.
- cold insulation with innovation performance polymer material with new technique (Thermagurd CUI-300,650,1200) according to data cheat (MSDS) compliance with heath ,safety , environment & regulation
- All scaffolds required.





OUR PROJECTS

OUR PROJECTS

-Design and CONSTRUCTION OF
EARLY PRODUCTION facility (EPF)
OIL& GAS PROSSEC PLANTS

•Scope of Work

- Installation of All Separation Equipment (Separator, Indirect Heater, Heater Treater, Flare System, ESD System)
- supply mechanical completion certificate (MCC)
- fabricate and installation inter convictions piping
- Supply and apply E&I electrical and instrument system
- valves maintenance for different type of operation valves
- Commissioning and startup procedure





STATEMENT OF COMPLETED WORK VALUE

- **Pipeline Construction:**
 - 400,000 inches of pipelines have been installed for various projects including fluid, gas, and water transport.
- **Tank Construction:**
 - 5 tanks have been constructed for storing liquid and gaseous materials.
 - With a storage capacity of up to 80,000 cubic meters.
- **Routine Maintenance for Pipelines and Tanks:**
 - Regular maintenance was carried out for 50 pipelines and 20 tanks throughout the year to ensure
- **Quality Testing:**
 - Pressure tests and leak detection tests have been conducted for all pipelines and tanks to ensure quality.
- **Project Management:**
 - Management of more than 15 projects for pipelines and tanks successfully completed according to timelines and specified standards.
 - with total budget 7,000,000 USD



OUR CUSTOMERS



• SPC



• Egyption
Maintenance
Company



• Petromaint



• Petroleum
Pipelines
Company



• GPC



• Petrojet



• Enppi



• Eni



• Apache



• MPM



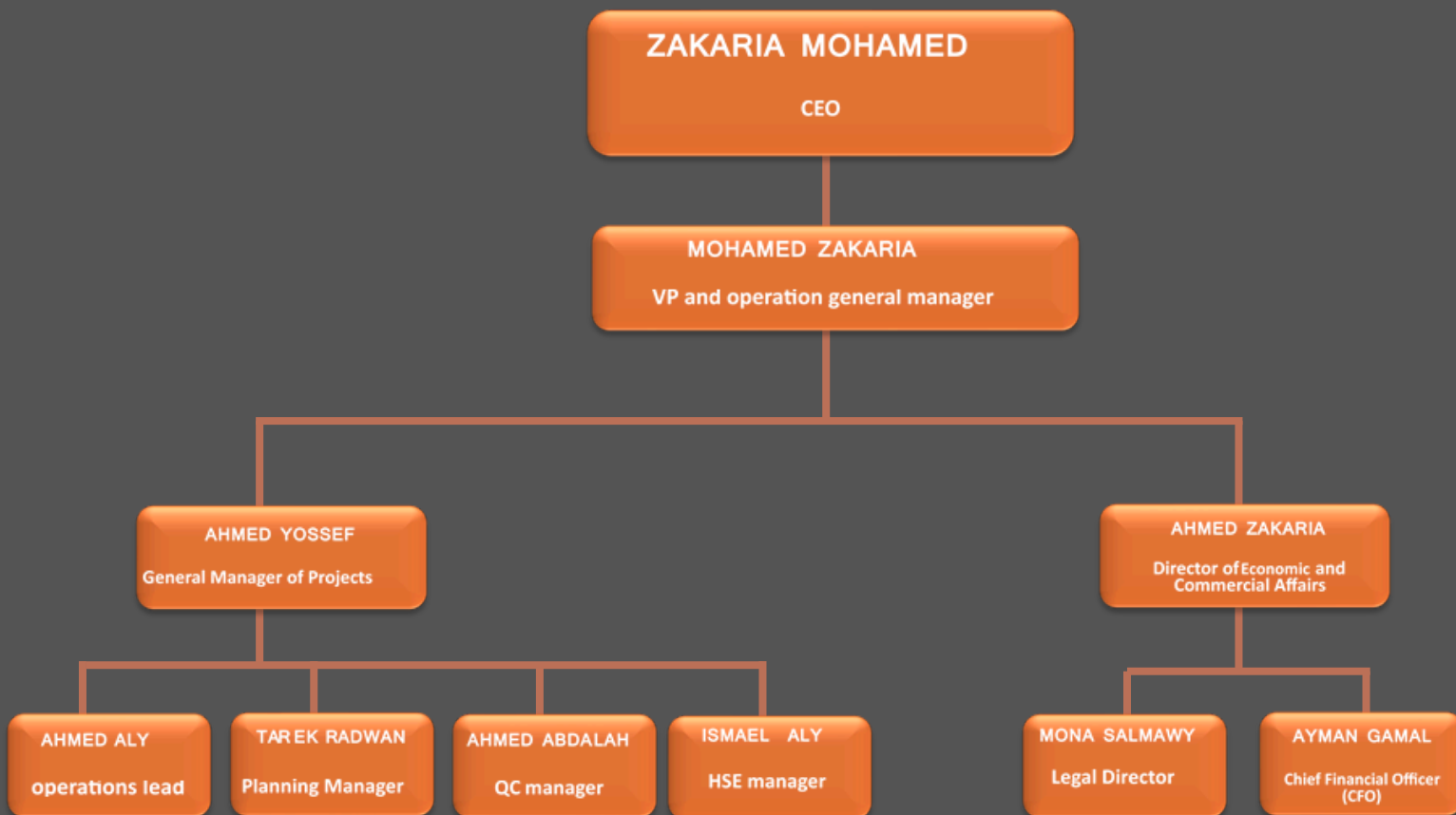
• KPC



• Ganope



ALMASRIA STEEL- ORGANIZATIONAL CHART





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