

METSCCO 

متسكو للصناعات الحديدية الثقيلة

METSCCO HEAVY STEEL INDUSTRIES CO. LTD.

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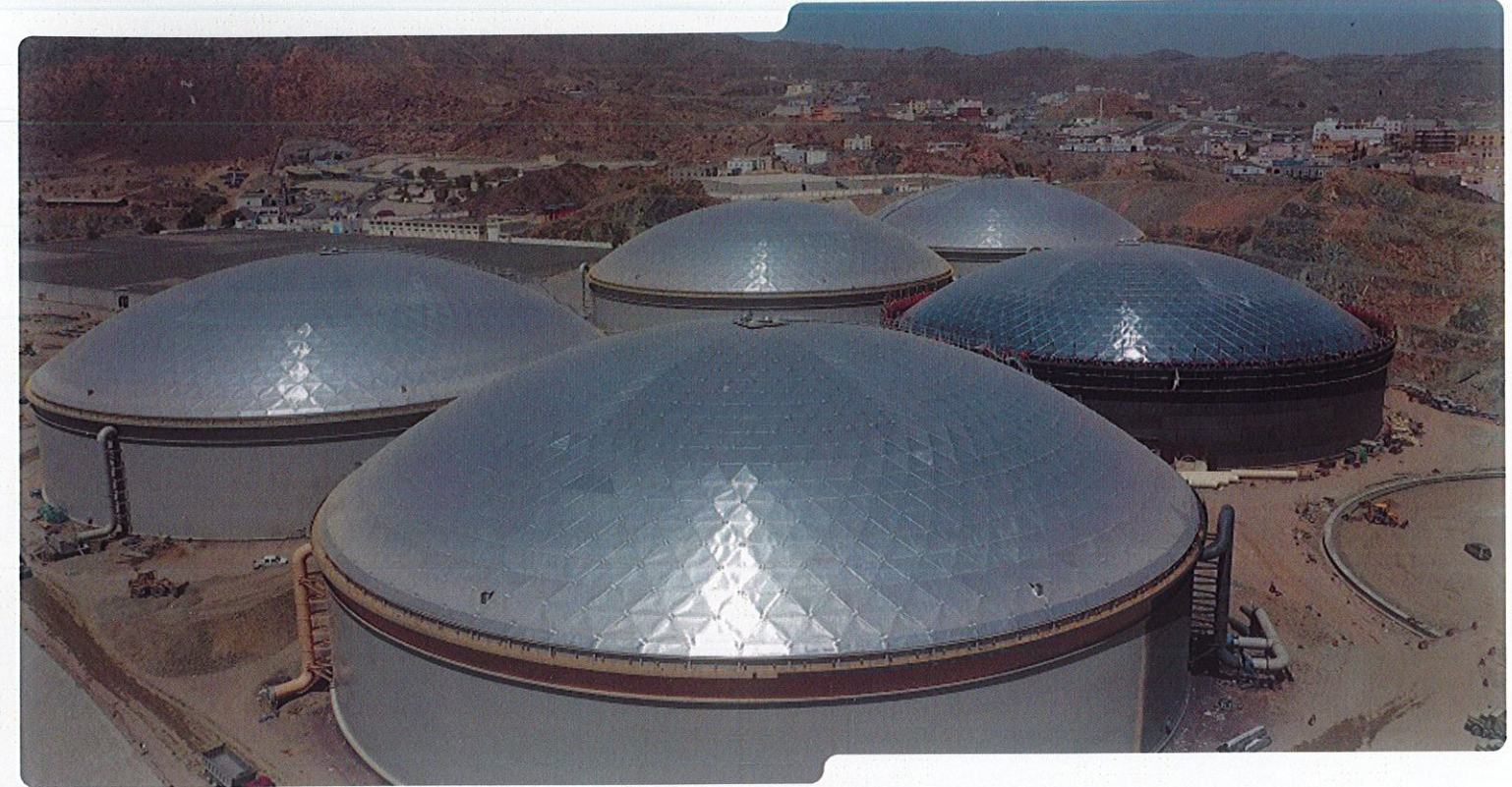
 **Head Office:** Saudi Arabia, Riyadh ,Al Malaz, Zein Tower , 6th Floor

 **Jeddah Factory:** Third Industrail City

 **Riyadh Factory:** Second Industrail City



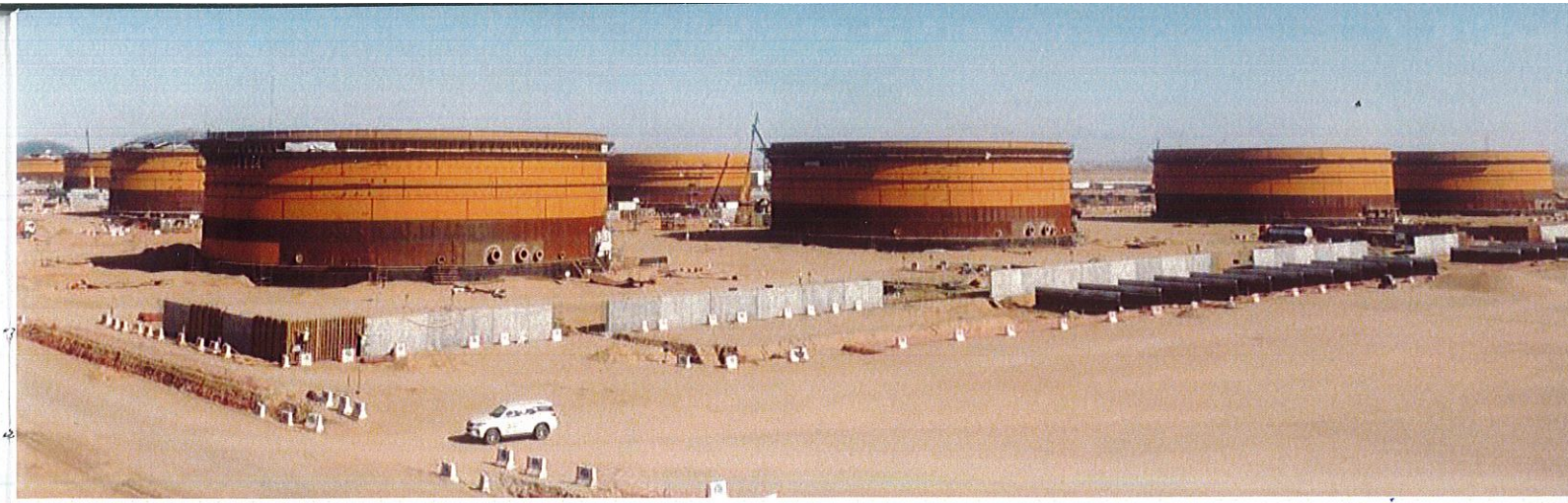
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SINCE 1979

METSCCO

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INTRODUCTION

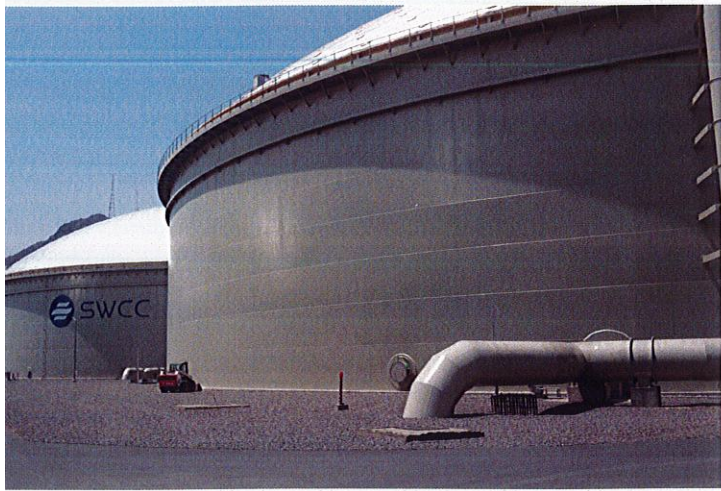
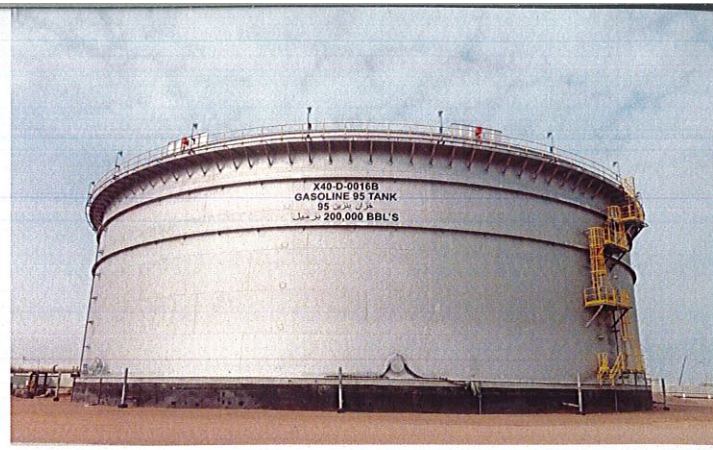
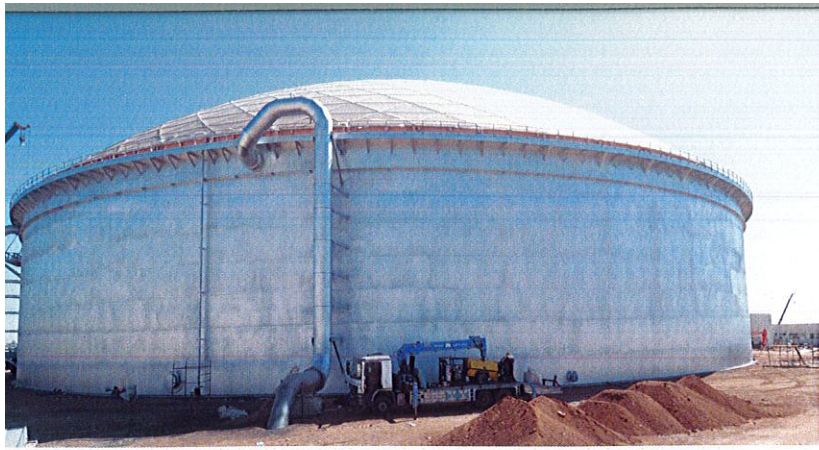
METSCCO Heavy Steel Industries Co. Ltd. Was established in 1979 with the objective of providing a complete comprehensive contracting services in Saudi Arabia, and the Gulf, today with our proven capability in the construction of various Turnkey Projects

- **Metscco have achieved the Class-1 Business ranking and became one of the leading Contracting company, and successfully completed the construction of several EPC Projects, such as, Pump Stations, Water Transmission System, and Tank Farms**
- **the scope of work has been done was including, the Geotechnical Investigation Report, Civil, Electromechanical , Mechanical, Electrical & Instrumentation works**
- **Our main clients are, Saudi Aramco, (SWA) Saline Water Authority, (NWC) National Water Company**

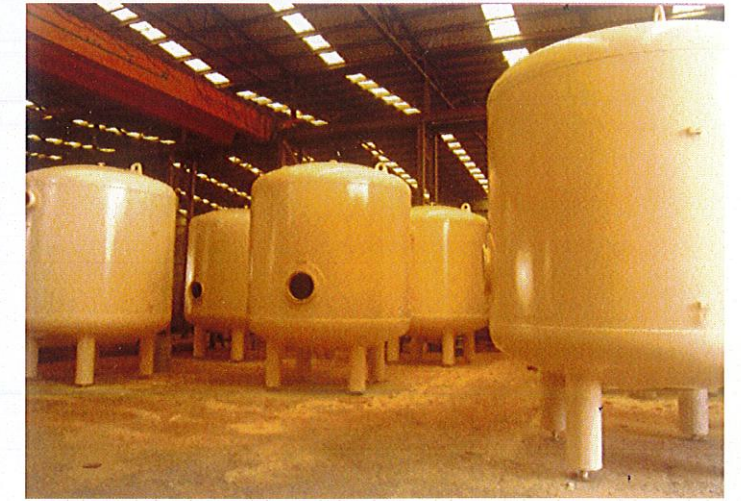
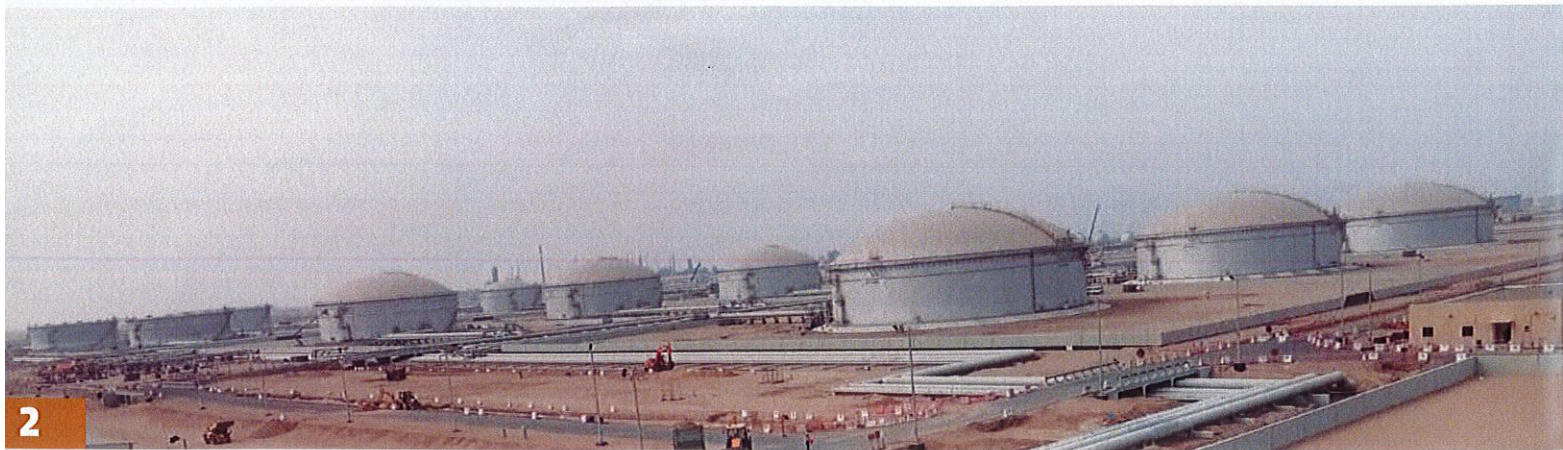
Additionally we are specialized in the following :

- Welded storage tanks with CS. fixed & floating roof, and aluminium dome roof (fuel, water, chemical & thermal energy storage tanks to API 650/620 & AWWA-D100)
- Pressure vessels, with U & R Stamps
- Shaft Kilns & Stacks
- Silos & Hoppers
- Heavy steel structure, & pipe racks
- Maintenance at refineries and power plants, including civil, piping, electrical, and instrumentations works

“METSCCO has been taking measures, in order to further reduce risk and improve performance”

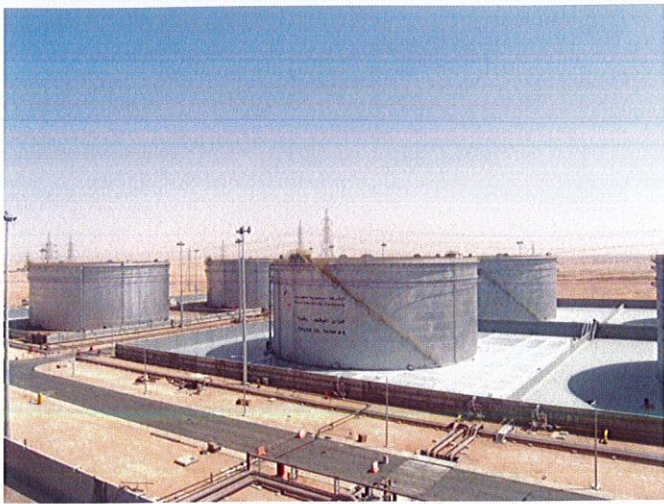


METSCCO has been striving and has reached excellent in safety, and superiority in customer service, plus our innovation and commitment to quality, has separated us from the competitors. our professional and technical approach, drives a sharp focus on the unique needs of each customer to enable us to provide solutions that reduce risk and improve performance. we are proud of our excellent crystal clear reputation, and are working and focussing on the future and partnering with our customers in order to deliver innovative solutions that address the evolving infrastructure needs of the petroleum and industrial markets.

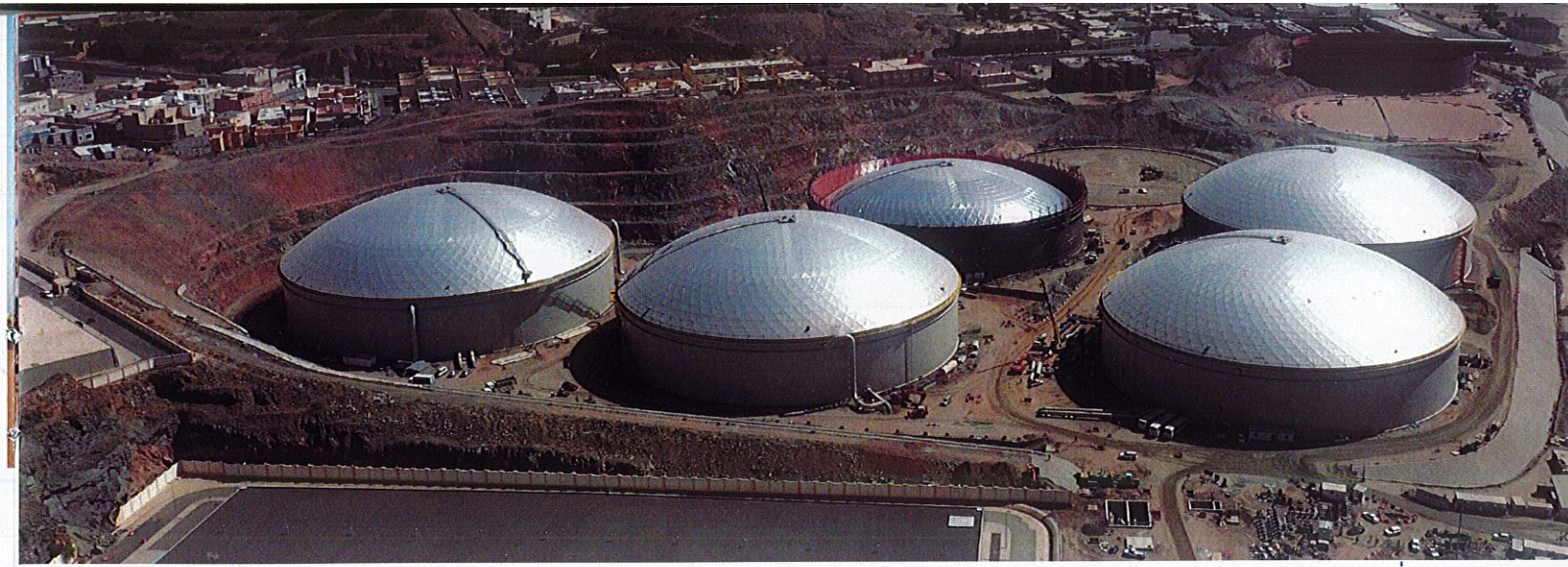


Producing high quality products, plus a commitment to customer service to ensure total satisfaction have become the sole strength of METSCCO in establishing itself as a market leader in the heavy steel industry in the Kingdom of Saudi Arabia. situated in Riyadh on a total area of 20,000 sqm², and Jeddah factory of 45,000 sq m², both factories are equipped with overhead cranes, rolling machines, automatic welding & blasting machines, CNC cutting & fabrication equipment, backed up with fully computerized designing facilities headed by qualified engineers fabricators and welders with so many years of experience in their respective fields.





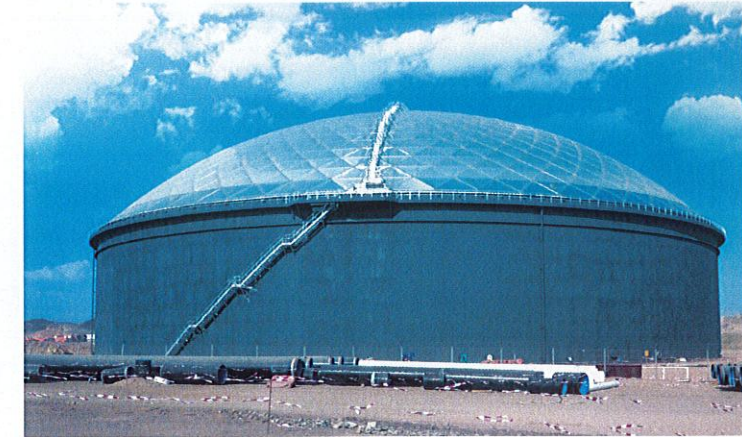
Our diversity shows itself in the number of specialist projects we have built within the governmental and private sectors including: oil & gas industries, refineries, Saudi Aramco plants, power generation plants, Saudi electricity company, petrochemical, & process plants, pump stations, Saudi basic industries, (SABIC), desalination plants, & Saudi water conversion company (SWCC). Forty-six years of experience enable us to offer our customers problem solving, cost-effective engineering, and respond with design solutions to all internationally accepted codes.



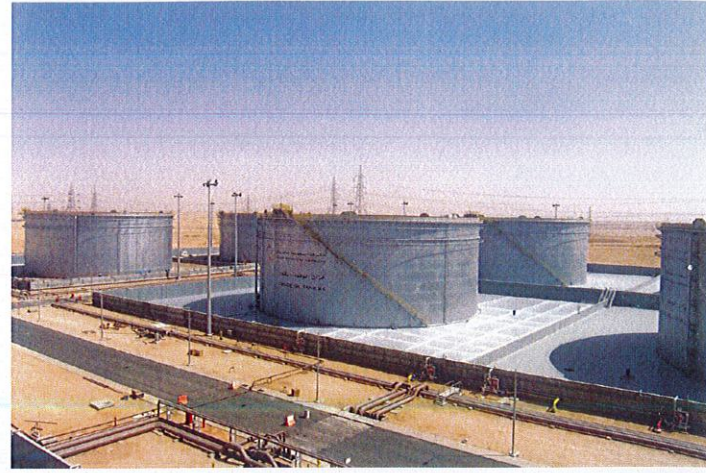
"Our innovative approach, and pioneering spirit that we have adopted have taken us to where we are now"

FOUNDATION

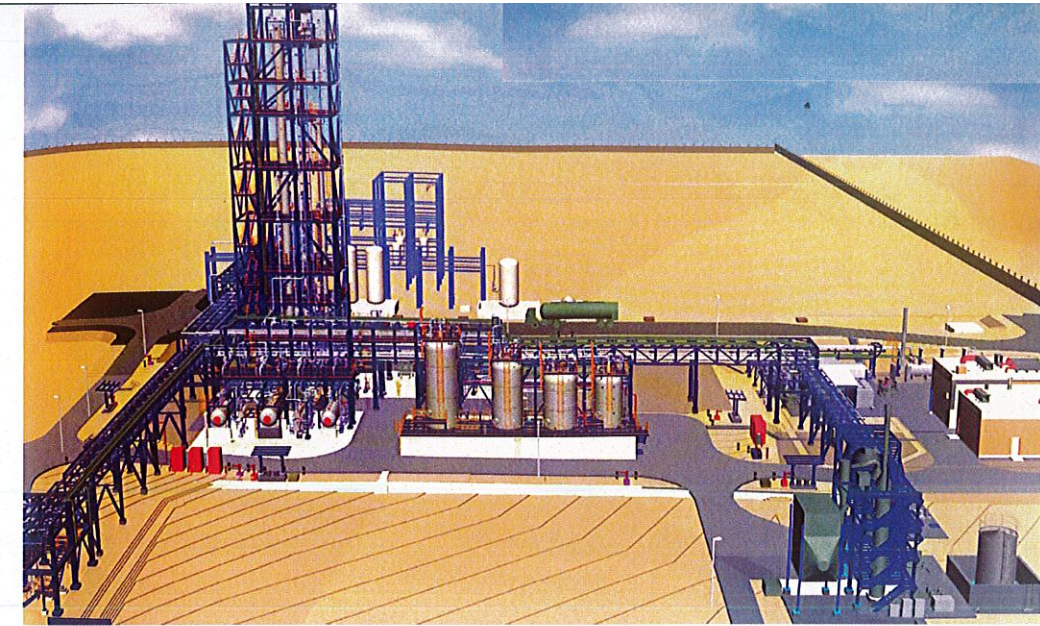
METSCCO was established with the objective of providing one of the most comprehensive steel construction services, today, with its proven capability in the construction of various types of storage tanks, vessels and steel structure to all sectors of industries, Metscco continues to pursue this objective in all the projects it undertakes.



We are proud of our dedication and diligence in this business, especially our commitment to our clients and employees. today in it's 46th. anniversary, with expectational reputation, Metscco had imposed itself to be among the top innovative EPC companies in Saudi Arabia.



"METSCCO customer service is the hub of our operation and will assist you with every need"



METSCCO capability of responding enabled us to offer our customers problem-solving, cost-effective engineering, and respond with design solutions to all internationally accepted codes including the following:

- ◆ API 620
- ◆ API 650
- ◆ API 653
- ◆ API 2000
- ◆ BS 2654
- ◆ NFPA 22
- ◆ NFPA 30
- ◆ UI 58
- ◆ UI 142
- ◆ AWWA D100
- ◆ ASME SEC VIII DIV 1 & 2
- ◆ BS 2694



List of computer software /programs used for the mechanical and structural design of tanks are the following:

- ◆ "Tank" ver.3.10 software by COADE Inc., USA for design & analysis of tanks as per API 650, which capable of designing & analyzing fixed cone roof, supported cone roof, dome & umbrella type of roof tanks.
- ◆ "STAAD PRO" by Research Engineers Inc., USA for structural design and analysis of roof supporting structures etc., which is capable of analyzing and designing of R.C.C & steel structure with unlimited members
- ◆ "AUTOCAD Rel 2009" by Autodesk, for computer aided drafting.
- ◆ "X-Steel" by Tekla, to produce fabrication drawings for structural steel works
- ◆ "ETank 2000" by Eware Inc. USA.
- ◆ COADE PV Elite Ver.2009, design & analysis of pressure vessels

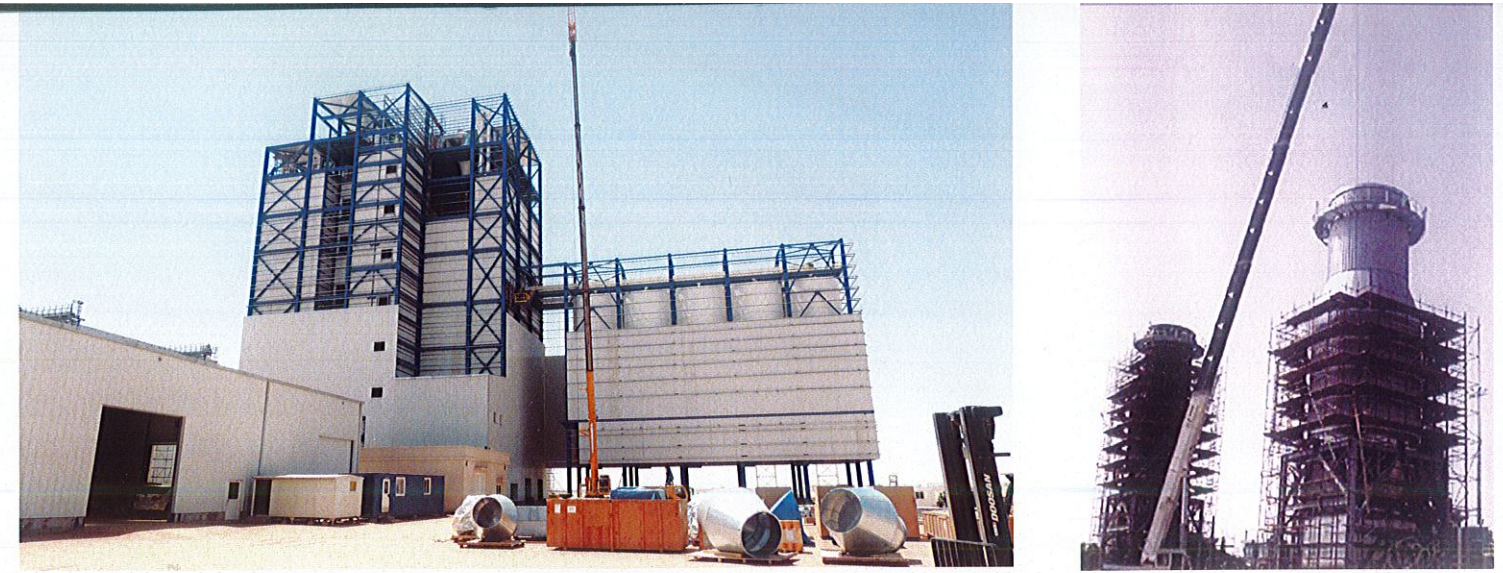
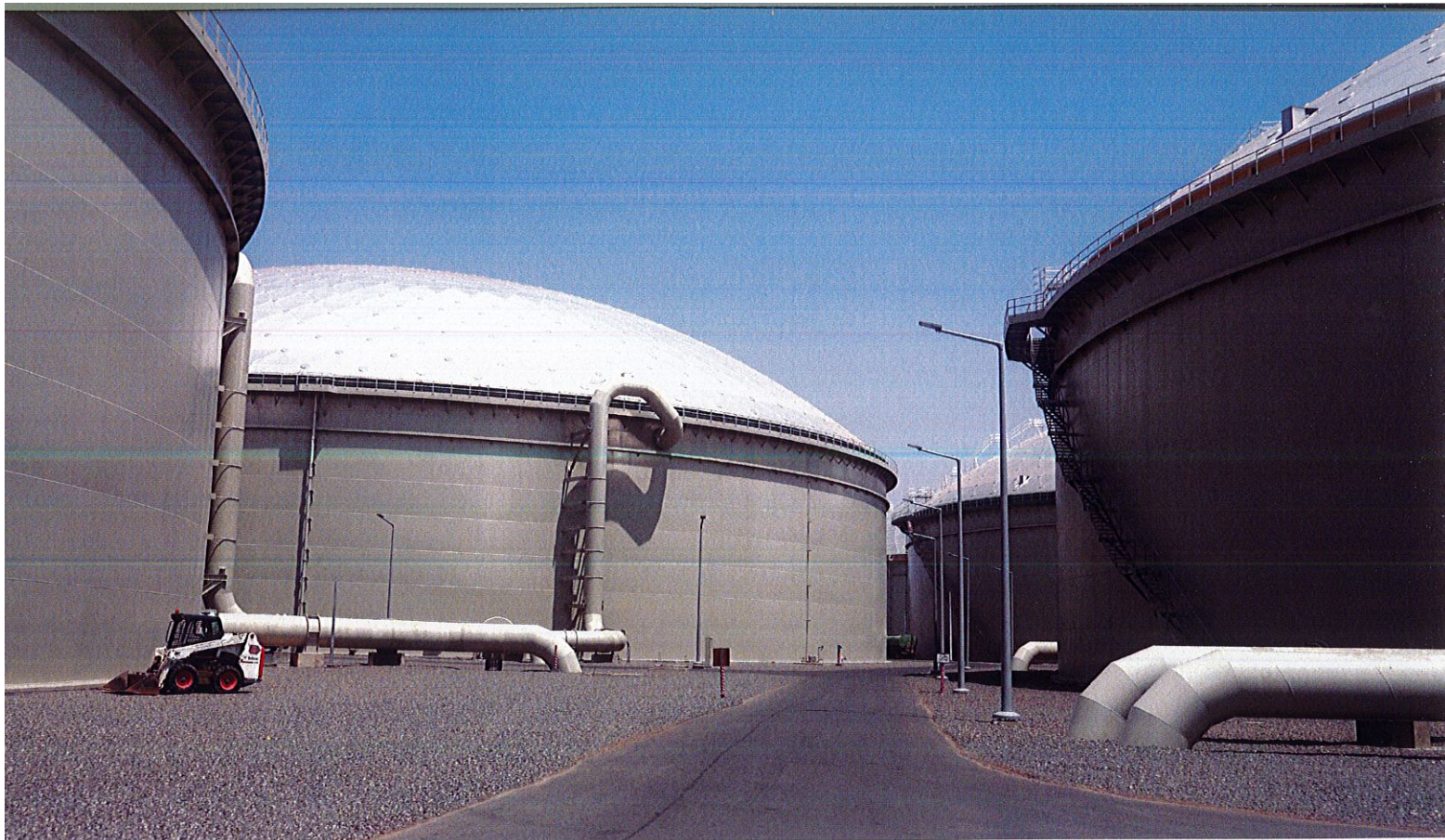


PRODUCTION DEPARTMENT

This department takes each project from shop drawing to commissioning, it is headed by qualified engineers with many years of experience in their respective fields. our fabricators, welders, and erectors, have been selected for their quality of workmanship and ability to adapt to the demands of an ever changing technology.

"It is our service and the quality we produce that differentiate us from the competition"



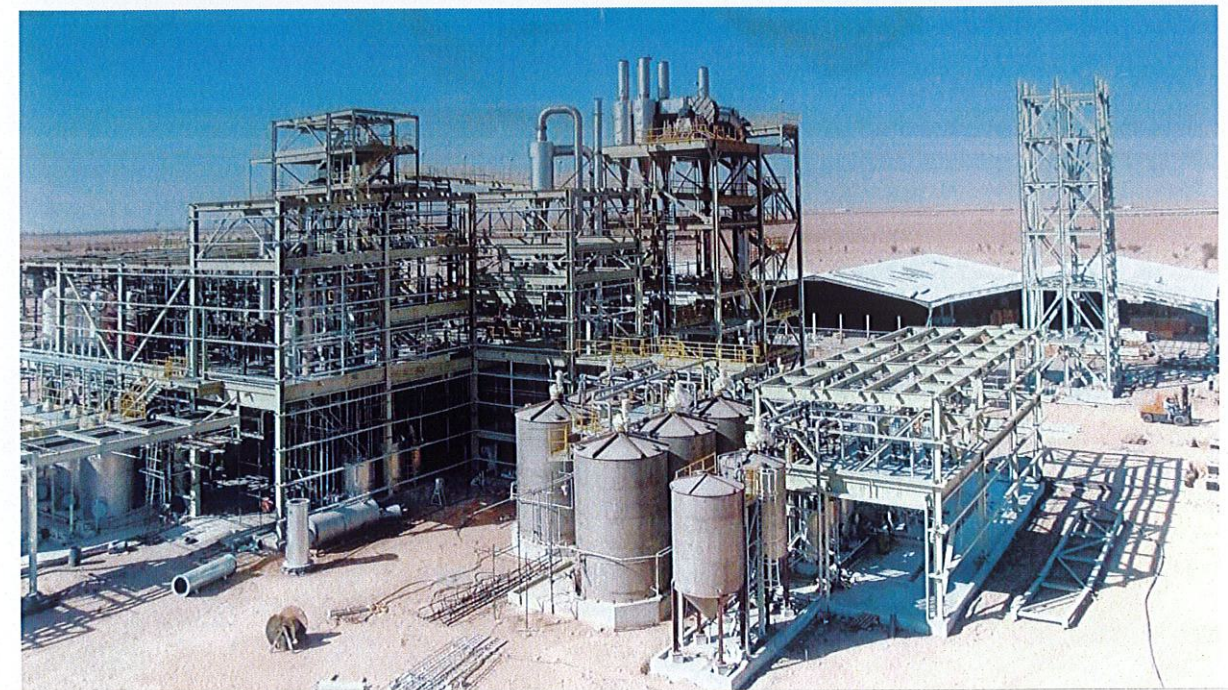
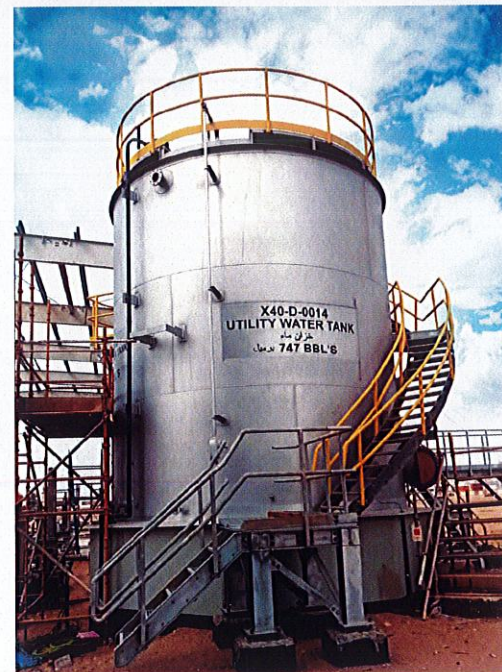


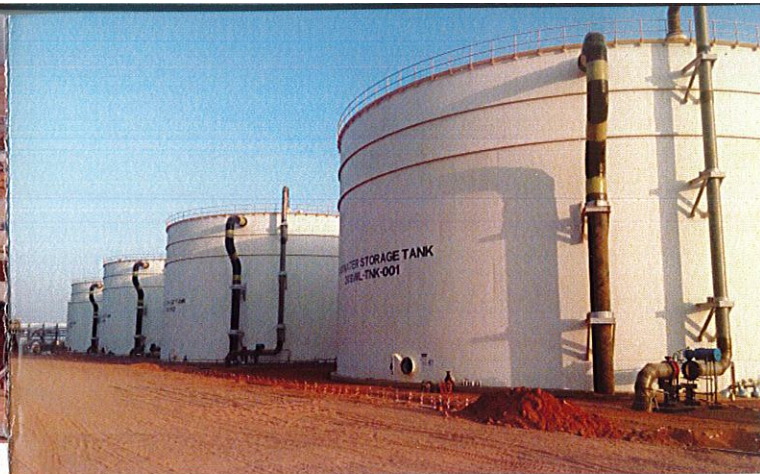
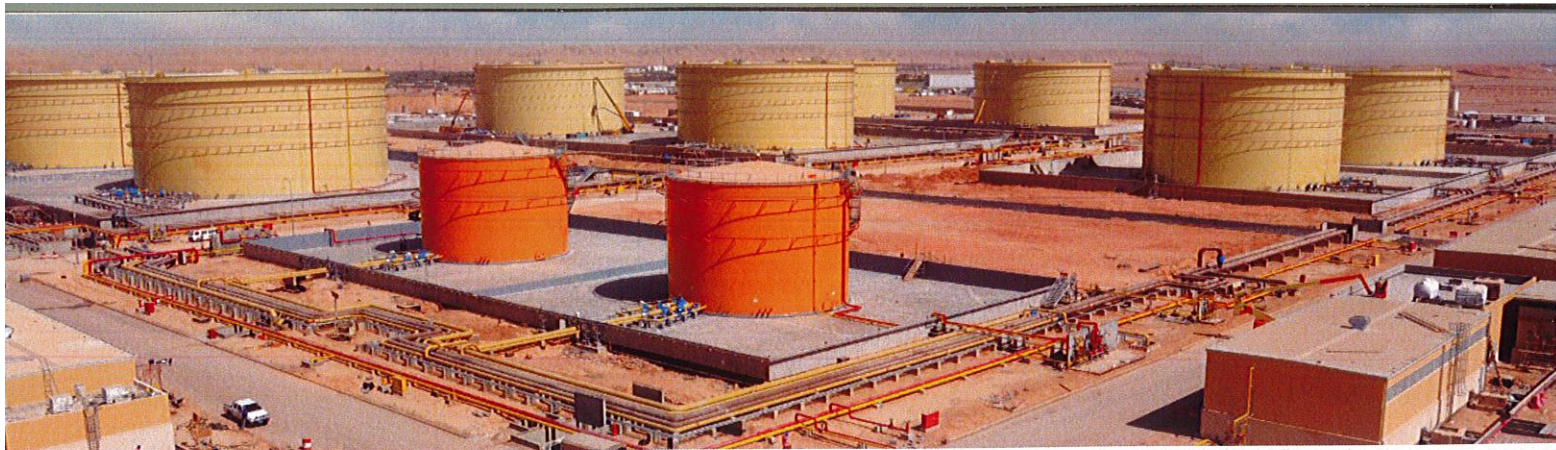
OUR QA/QC MANUL COVERS THE FOLLOWING:

- ◆ Design, drawing, fabrication procedures
- ◆ Site works
- ◆ Environment health & safety procedures
- ◆ Welding procedures
- ◆ Document control within departments
- ◆ Inspections
- ◆ Corrective action procedures
- ◆ Training of personnel
- ◆ Sub-contractors
- ◆ Material procurement

CUSTOMER SERVICE & QUALITY CONTROL

METSCCO has Quality management system certified to ISO 14001:2015 & ISO 45001:2018, dedicated involvement from original plan to final prints, and then onto fabrication works and final delivery, point by point security is given by our specialists to ensure total satisfaction, as important as service is, it is the quality related to service where Metscco has placed the major focus, from your very first contact you deal with knowledgeable and experienced Engineers who will respond to you immediately, whether initial inquiry or status check.





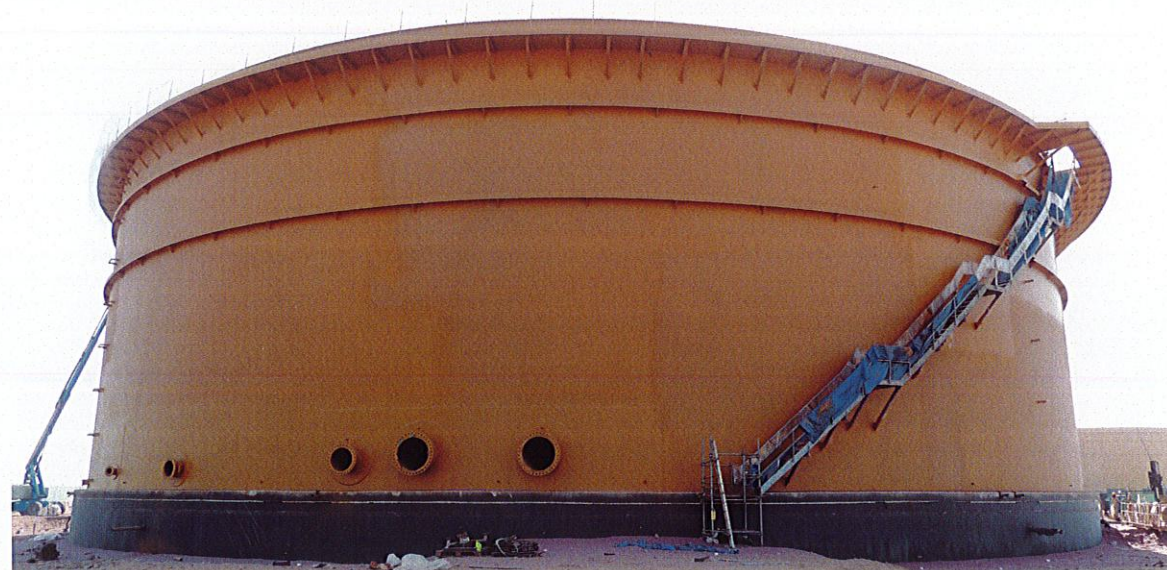
STORAGE TANKS

To meet the new market challenges, Metscco is diversifying its product range and targeting new applications for its production. Metscco have become an EPC contractor, with classification 1st degree and have started to construct complete pump station, and Water transmission system in Saudi Arabia, including complete engineering, civil, electromechanical, mechanical, electrical, instrumentation, and commissioning, with SWCC, and Saudi Aramco.

Our Floating Roof Tanks consists of the following types:

- ◆ Fixed Roof, with internal floating roof
- ◆ Double Deck, external floating roof
- ◆ Pontoon Type, external floating roof

Floating roof tanks provide the safest and most economically effective means of storing volatile petroleum petrochemical and chemical products. they greatly reduce hydrocarbon emission, and provide increased protection. our line of cylindrical storage tanks is a typical product of Metscco and present one of the most significant parts of its production. both horizontal and vertical tanks are applied in chemical, petrochemical and power industry for liquid and effluent media storage such as oil, petroleum products and waste water.



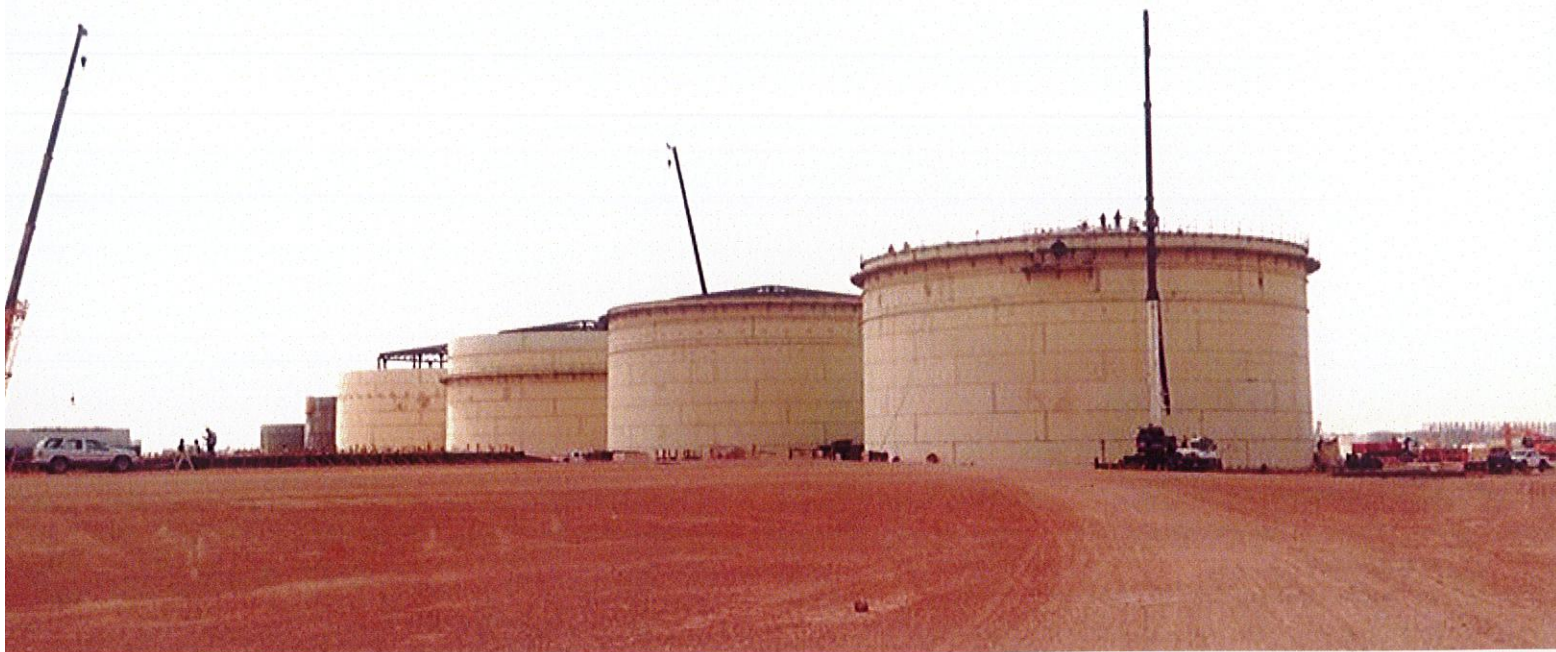


MAINTENANCE AT REFINERIES & POWER PLANTS

We provide maintenance services including but not limited to the followings:
over hauling of heat exchangers.
dislodging
blasting & Painting of Storage Tanks
replacing of floating roofs including seals.
replacing of bottom & shell Plates of tanks.

METSCCO is not just a supplier, manufacturer or fabricator of steel, It is involved with EPC experience and have the ability to deliver a comprehensive structural contracting package. our proven expertise in handling turnkey projects such as, pump stations, tank farms, including, pipe racks, silos, supporting steel work, shaft kilns, hopper and complex platform structures, enables us to offer a complete service from design to commissioning.
today, with its proven capability in the construction of EPC contracts, such as water transmission system, commercial, industrial buildings and plants, Metscco continues to pursue this objective in all the projects it undertakes, and have succeeded in satisfying the most stringent of specifications.

Water pump station



نبذة تعريفية

تأسست شركة متسكو للصناعات الحديدية الثقيلة عام 1979 بإدارة رائدة ومتخصصة في مجال دراسة، توريد، وبناء عدة أنواع من منشآت حقول تخزين النفط ومحطات تكرير النفط والغاز و اليوم حصلت متسكو على تصنيف أول و أصبحت تنفذ مشاريع تسليم مفتاح ومنها ما يلي

مشاريع خطوط نقل و محطات ضخ المياه
الخزانات الحديدية للنفط، الغاز، المياه، والكيماويات
الخزانات المضغوطة مع شهادة ASME U
المداخن لمحطات توليد الكهرباء وأفران الحجر الرملي الجيري
الهيكل والمباني الحديدية الثقيلة العالية الارتفاع
صيانة خزانات النفط والغاز في مصافي البترول ومحطات الكهرباء

متسكو لديها مصنع في الرياض على مساحة 20,000 متر مربع و مصنع في مدينة جدة على مساحة 45,000 متر مربع مزودين بجميع أنواع المعدات الأوتوماتيكية العالية الجودة منها رافعات مكائن لف الحديد وتشكيله، أحدث أجهزة الصنفرة الأوتوماتيكية بالكريات الحديدية على المستوى القياسي العالمي

حيث تمكنت متسكو من الحصول على علامة الجودة 2018 : ISO 45001 / 2015 : ISO 14001 منذ عدة سنوات

وحاصلة كذلك على شهادة ASME U&R STAMP لصناعة الخزانات المضغوطة. كما أعدت متسكو جهازاً فنياً وإدارياً على مستوى ممتاز من الكفاءة والخبرة مما أهلها للوفاء بالتزاماتها بالموصفات العالمية المطلوبة

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