MCC PETROLEUM
COMPANY PROFILE
2016

The MCC PETROLEUM Group in brief

ARCHS GROUP - Iraq Oil & Gas Projects

Scaltech - Kuwait Oil Field Remediation in Consortium with Napesco

MCC PETROLEUM - MCC – Birikim in Turkey and Ex CIS Countries

Tehran Janoob - Iran Oil & Gas – Midstream and Downstream Plant Projects, Pipeline and Tank Construction

INTRODUCTION

MCC Petroleum is a world-class Engineering, Procurement, Construction (EPC) Oil and Gas company based in UAE. We are TUV ISO 9001:2008, ISO 14001:2014 and OHSAS 18001:2007 certified in ENGINEERING, PROCUREMENT, PIPELINE, TANK CONSTRUCTION AND ASSOCIATED FACILITY, CROSSING.

MCC Petroleum is an indigenous multi - discipline Oil field solutions provider operating under international standards while continuously raising the benchmark of customer satisfaction.

The key to our success is the combination of experienced expatiates with predominant local execution staff.

Our vision - to become a leading provider of oil field services across the Middle East.

Over
2,000 employees
in the Group

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HISTORY

In 2014 MCC Petroleum Group successfully passed TUV certification.

The origin of the MCC Petroleum Group dates back to 1986 when the Company started operations in the United States and within 10 years became the leading EPC Contractor in the world for providing secondary Oil Recovery Plants. The Group refocused its efforts to the Middle East in 2011 and builds up and downstream facilities for Major Oil Companies, including waste water treatment plants. It also provides oil field remediation services.

Patents

- Thermal Desorption Process patent awarded in 1998.
- Sludge to COKER recycling patent awarded in 1992.
- Scalfuel process patent awarded in 1995.
- Scalfuel Product patent awarded in 1996.
- Successful development of fuel oil production process in 2005.

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ABOUT US

Mission Statement

MCC Petroleum is a leading Construction Contractor providing Services to the Petroleum Industry in the Middle East with focus on Iraq, Iran, Kuwait and Turkey. The focus of its construction services is mechanical, including shop fabrication and construction of tanks and pipelines. In support of these activities the Company also provides engineering and procurement services including full EPC for small to medium size projects.

With its main office in Dubai and regional offices in Kuwait, Basrah, Baghdad, Seoul, Bejing, Tehran, Istanbul and Konya and its experienced international staff the company has the capability to perform any project in accordance with international standards.

Our mission is to perform all projects to the complete satisfaction of our customers in term of timing and cost. At the same time we perform our work to the expectation of our international clients with respect to health and safety and security requirements.

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VALUES

Customer Satisfaction

We believe that the key to our success is the customer's satisfaction. We are dedicated to satisfying our customers. We strive to exceed their expectations in HSE and QAQC performance as well as on budget and on time delivery.

Team Spirit

Our team spirit binds us together, surpassing geographic boundaries. We fully grasp the true meaning of teamwork. We cooperate and empower one another in recognition that our efforts will translate into excellent solutions and services.

Integrity

We are committed to conduct ourselves in a manner coherent with the utmost standards of behavior including honesty and fairness. We keep our word, deliver on our promises, and recognize our mistakes. Our personal and business behavior ensures that we are a company, worthy of trust.

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CAPABILITIES

EPC PROCESS

Pre construction

The construction process consists of three distinct phases; Pre-Construction, Construction, and Post Construction. We offer a single source of responsibility for the entire project. The result is streamlined communication which strengthens our relationship with clients, produces quality results and allows to meet client expectations.

The pre-construction phase is one of the most important parts of the construction process. Without proper planning and preparation, we cannot ensure a successful project. The time spent in the front end of a project not only impacts the feasibility & success of the project, but also saves time in the end.

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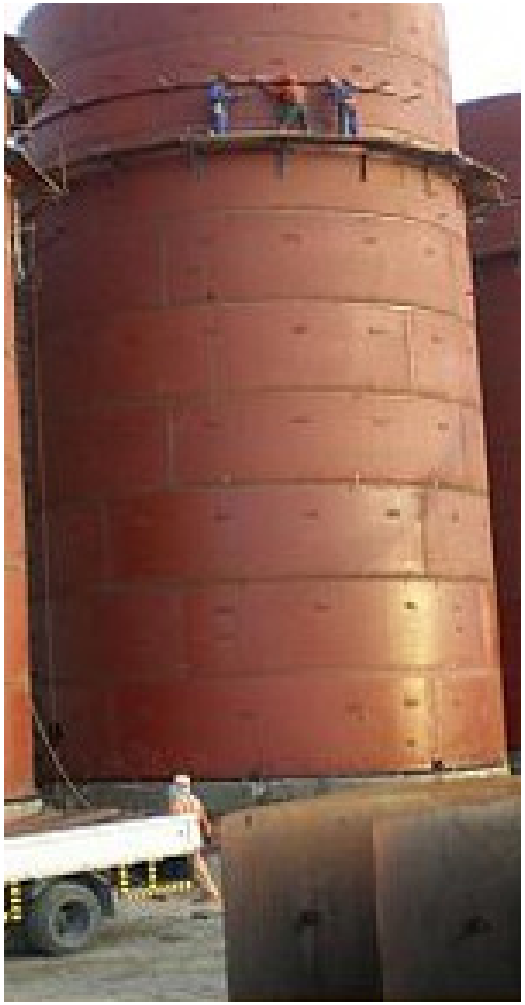
CONSTRUCTION

Once construction begins, we continue to make it easy for the client to keep up with the construction process. We keep the client informed on a regular basis with daily progress reports, weekly project updates and project coordination meetings. We consistently communicate pro-actively with client staff to avoid unnecessary interruptions to the construction process. In addition, we emphasize safety, job site cleanliness and overall job organization. After construction, we provide to the client a complete set of records and documents for the entire project. This will allows for a quick reference for any of the components relating to maintenance or operation of the facility. We will also make a series of warranty or follow-up visits to ensure total client satisfaction



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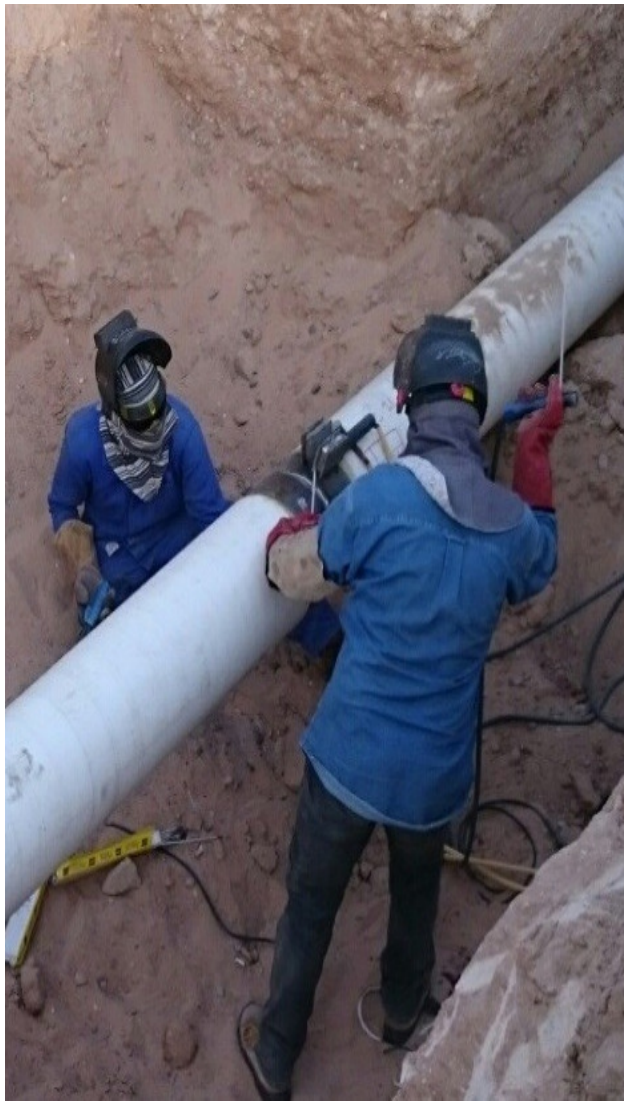

CONSTRUCTION MANAGEMENT

To deliver a major project on time and on budget while keeping costs and administrative burdens to a minimum the MCC Petroleum Construction management team provides any or all of the following services:

- Design coordination and review
- Value engineering and cost analysis
- Construct ability reviews and assessments
- Construction planning, scheduling and contractor coordination
- Estimating, purchasing and expediting
- Budgeting and cost control
- Quality assurance
- Contract administration
- Community and agency relations

MCC Petroleum offers CM services in various forms, depending on client preference and project needs. On an «agency» basis, we serve as the owner's representative to optimize cost, time and quality; or we will handle CM on an «at risk» basis, providing a guaranteed maximum price for the cost of construction of the project and taking on the dual role of construction manager and contractor.

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PIPELINE CONSTRUCTION

CAPABILITIES

- Pipe line 8" - 56"
- Trunk Lines
- Flow lines
- Piping 1" - 8“
- Horizontal Directional Drilling
- Hot Tapping & Stoppling

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TRUNK AND FLOW LINE CONSTRUCTION

CAPABILITIES

- Pre-construction activities
- Right of way construction
- Trenching
- Stringing
- Bending
- Welding
- Non-destructive testing
- Heat shrinkable sleeves
- Lowering-in
- Backfilling
- Hydrotesting
- Start-up activities
- Valve stations erection
- Open Cut
- Thrust Boring
- Horizontal Directional Drilling
- Cathodic Protection
- Fiber Optic Cable Installation

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TANK CONSTRUCTION

CAPABILITIES

- Crude storage
- Water storage
- Natural gas storage
- Floating roof
- Fixed roof

SPECIALIZED SERVICES

- Plate Fabrication
- All related civil works
- Associated piping works

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Tank Construction

API 650 tanks

The most common standard used is API 650. API 650 tanks are commonly used for oil, gasoline, chemical and produced water storage. You will find these tanks located all around the world in refineries, terminals, pipelines and production facilities. The API 650 standard governs how tanks are designed, processed, welded, inspected and installed.

API 620 tanks

API 620 is a design standard which governs the design and construction of large welded steel low pressure storage tanks. API 620 storage tanks operate at 250°F or less with an operating pressure more than 2 ½ lbf⁄in² and less than 15 lbf⁄in² gauge.

API 12D tanks

API 12D is a specification for Field Welded Tanks for Storage of Production Liquids. It is the least known of the three standards.

This standard is to field erected tanks as API 12F is to shop built tanks. API 12D predetermined tank dimensions and storage capacities, along with accessories and testing requirements. By creating fixed sizes and requirements, the API 12D has eliminated the need for further engineering, effectively reducing the cost of the tanks.

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CONSTRUCTION OF SPHERICAL TANKS

In the construction of a land-based skirt-supported spherical tank, the tank is partially prefabricated, its bottom polar cup section being produced ready for mounting and stored inside the rest of the spherical shell. In this state, wherein the transportation height of the tank has been substantially reduced, the as yet unfinished spherical tank is transported to the erection site, where the bottom polar cap section is lowered into position and secured to the rest of the spherical shell.

A particular advantage of using spherical tanks as storage tanks is their safety and operational reliability. Very good experience has been gained with such tanks from maritime applications. A special advantage is that extensive insulation is not required between the tank support and the ground, as is the case if large upright cylindrical tanks with flat bottoms are utilized.

During transportation, the prefabricated structure is preferably supported by a temporary support structure in the region which later will become the skirt region. This temporary support structure can be removed when the permanent skirt is constructed at the installation site, or the temporary structure may become part of the permanent skirt.

TANK FABRICATION

MCC Petroleum is your one-stop resource for all your Tank fabrication needs. It includes plate material procurement as per the code requirement.

MCC Petroleum owns a mechanical fabrication shop with all the required equipment for plate cutting, rolling, beveling and welding.

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We build and erect tanks according to API 650, API 620 and API 12D standards.

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PROCESS SKID AND PIPE SPOOL FABRICATION

MCC Petroleum is your one-stop resource for all your process skid and pipe spool fabricating needs.

MCC Petroleum owns a mechanical fabrication shop with all required equipment for process skids and pipe spool fabrication.

Skids and spools are fabricated from a number of raw materials i.e. pipes, pipe fittings (e.g. elbows, flanges, tees, etc.), valves, pumps, motors, etc., in our fabrication shop. Raw materials like pipes are cut to the required size and moved with pipe fittings to a fitting table, where some of the components are fitted together. The resulting sub-assembly continues with welding operations before it comes back to the fitting table and gets fitted with other components. Simultaneously the base frame of the skid is fabricated. Afterwards all components are assembled on the base frame.

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STRUCTURAL STEEL WORKS

CAPABILITIES

- Structural Steel Supply
- Structural Steel Fabrication
- Structural Steel Installation
- Structural Steel Drafting and Design
- Safe erection
- Works at Heights

HEAVY EQUIPMENT INSTALLATION

CAPABILITIES

- Heavy Equipment Lifting
- Heavy Equipment Installation
- Tie-In

MAJOR COMPLETED PROJECTS

شـركة غـاز البصـرة
Basrah Gas Company

Shell

MCC Petroleum Group successfully and on time completed the BGC Project “ZUBAIR IPF & TIE-INS PROJECT” in 2015.
Location: BGC Integrated Production Facilities, Basra, Iraq

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MAJOR COMPLETED PROJECTS

In 2013 MCC Petroleum Group was awarded the Lukoil Middle East Project “ENGINEERING, PROCUREMENT AND CONSTRUCTION OF WATER CROSSINGS FOR THE WEST QURNA FIELD (2ND PHASE)” 42” OIL PIPELINE FROM CPF MISHRIF TO TUBA TANK FARM, AL HAMMAR HOR CANAL CROSSING (K.P. 61+400) BY OPEN CUT METHOD.

Project was successfully completed in 2014.

LUKOIL OIL COMPANY

DO YOU KNOW?
At the present time this is the biggest Open Cut Method Crossing in Iraq.

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MAJOR COMPLETED PROJECTS

In 2014 MCC Petroleum Group successfully completed construction of 21 tanks for 3 ENI crude process facilities in Zubair, Iraq.

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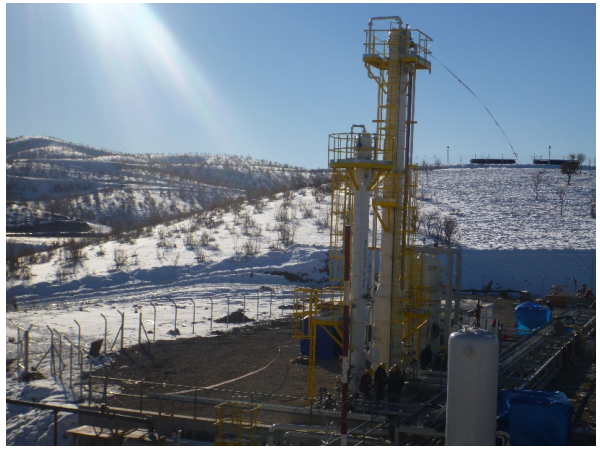
MAJOR COMPLETED PROJECTS

OMV

In 2012 MCC Petroleum Group successfully completed the construction of a 5,000 barrel per day crude process facility for OMV at the Bina Bawi Oilfield, located close to Erbil, Iraq.



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EQUIPMENT LIST

- ***Pipeline Construction Equipment*** – Side Booms, Cranes, Welding Tractors, Excavators, Loaders, Internal and External Clamps, Welding Machines, etc.

- ***Tank Construction Equipment*** – Cranes, Welding Machines (including Automatic Girth Welders and Welding Tractors), Generators, Sand Blasting and Airless Painting Equipment, etc.

- ***Workshop including*** – Equipment for Cutting, Grinding, Bending, Overhead Cranes, Sand Blasting, Painting, etc.

MAJOR CURRENT CLIENTS

CONTACT DETAILS

www.mccpetroleum.com

UAE:
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Dubai, U. A. E.

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Turkey:
Yenişehir Mahallesi Dumankaya
Cadde Blokları D Blok - No: 19
Pendik-Kurtköy / İSTANBUL -TÜRKİYE

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