



LOALOAT SHAT AL-ARAB

Company for General Contracting Ltd



ABOUT US

Loaloat Shat Al-Arab **LSA** was formed to provide services to the expanding Petroleum Industry needs in the South Region of Iraq. Because of our strong belief in the future of the Petroleum Industry in the Region **LSA** has continued to mobilize resources.

We are acutely aware personnel are the foundation of a company. We have worked diligently to staff **LSA** with personnel committed to exceeding industry standards in their assigned disciplines. Our technical staff works hand in hand with our HSE and QA/QC Managers to produce quality work in a safe work environment. Because of our staff, we feel **LSA** is building on a very solid foundation.

We at **LSA** are committed to the continuation of providing quality completed Projects safely, on schedule, and within budget to our valued clients.



HSE

Every **LSA** employe has a complete commitment to quality, health, safety and the environment. We each acknowledge a personal responsibility to carry out our work duties with safety in mind at **all** times.

We focus on client needs and operational excellence, however we never forget that safety is our first priority. We work proactively and take care of our clients, our partners and our colleagues.

To actively encourage and stress each individual's commitment to the importance of HSE matters we carry out seminars and on the job training, run best practice campaigns and maintain a focus on leadership.

Through the creation of a good working environment and the implementation of systematic and preventive HSE work we aim to achieve the company's HSE goal of "no accidents, injuries or losses."



QAQC

LSA has implemented leading international Quality Assurance and Quality Control standards in order to function at the highest levels possible. We use Third Party Inspection personnel as well as our own independent internal departments to constantly monitor **all** our projects.

LSA is an ISO 9001:2015 certified company, which verifies our robust Quality Management Systems.

We deliver the best quality services to our clients, while protecting our communities and the environment around us.

Our Mission

Ensure that **all** Services and Products provided by the company are in accordance with our Client's requirements.

Our Vision

Continually improve the Quality Management System of the Company. Aim to be the market leader in mechanical construction of Oil & Gas.

Our Plan

Ensure that **all** quality system requirements, including those of ISO 9001:2008, are being fulfilled and that the system is continually reviewed in order to improve its effectiveness.

EPC PROJECT

We are One of few local companies how make EPC Project in Iraq. **LSA** has been working EPC projects with coordinates all design, with successful to complete as required and in time.



Oil and Gas Services

- Engineering Design for EPC projects.
- New Pipeline Construction Works.
- Installation of Piping systems.
- Pipeline Integrity Survey and Analysis Works.
- Storage Tanks Construction and Maintenance Works.
- Mechanical Engineering / Construction (Structural & Civil Works).
- Cathodic protection Installation Services and Maintenance Works.
- Pipeline fittings and Equipment supplying.
- Existing Pipeline Replacement and Rehabilitation Works.
- Surface Preparation (Sandblasting & Painting) for Piping and Structures.
- Non- Destructive Testing (NDT).
- Civil Construction Works for Oil and Gas Facilities.
- Electrical & Instrumentation.
- Hot Tapping Services.
- Rental of Equipment Machinery.
- Trust Boring for Road crossing sections.

LSA Certification

LSA is a private Iraqi pipeline, contractor and supplier Company located in Basra, Our Company achieved certification to ISO 9001:2015, ISO 14001:2015, OHSAS 18001:2007, ISO 45001:2018 in 2016.



MECHANICAL PROJECTS

- ❖ **Hook-ups project / Zubair Oil Field**
Installation of (38 x 4" oil wells + 15 x 8" water injection wells) Well head and manifold tie-in for the duration of 3 years in Zubair Field .
- ❖ **7 Manifold installation / Zubair Oil Field**
Prefabrication, testing and Installation of 7 new manifold inside all Zuabir field DGS (Zubair, Zubair Mishrif, Hammar, Hammar Mishrif) for the duration of 2 years .
- ❖ **Flow line construction / Zubair Oil Field**
Installation of flow line, Well head and Tie-in in Zubair Filed (6" x 32 km, 8" x 31km) for duration of 3 Years .
- ❖ **Truck line 42" - 40 Km / Basra Oil Company**
Installation of new 42" pipeline with BOC in Fao scope of work included (ROW, Excavation, Pipes Stringing, Welding, NDT, Coating of Pipes joints, Road crossing by open cut method and Trust boring, Lowering, Hydrostatic testing, Backfilling, Cathodic Protection) .
- ❖ **Construction of Two 20" Trunk lines from Hammar Mishrif to New DGS North Station– 5 Km / Zubair Oil Field**
Installation of two 20" trunk lines from HM DGS to new DGS north station and the both Tie-ins at HMDGS(Qty 5 Tie-in points with four production manifold), New DGS North (Qty 12 Tie-in points with 3rd pay manifold) .
- ❖ **New Manifold @ ZM-DGS-Piping Connections / Zubair Oil Field**
Installation of 12", Header – piping connection for the new manifold with existing Headers & manifolds included the hot tapping activities for 4 no. TP.
- ❖ **24" Pipeline Water-in from Qarmat Ali to DGS North / Zubair Oil Field**
The scope of work included the installation of 24" pipeline 3 km from QA to DGS North, Hot Tapping 24"x16" at the start point QA line, Piping Tie-in inside DGS North .
- ❖ **20" HDPE Pipeline from H-IPF to Shuaiba Refinery / Zubair Oil Field**
Installation of 20" HDPE pipeline from H-IPF to Shuaiba Refinery with total length 8 Km.

❖ Two 20" HDPE Pipelines Tie-ins / Zubair Oil Field

Prefabrication, testing and installation of both Tie-ins for 20" HDPE pipeline between H-IPF to Shuaiba Refinery, and Tie-ins for 20" HDPE Pipeline between H-IPF to New DGS North Station.

❖ Shuaiba Refinery – Revamping pumps works / Zubair Oil Field

Prefabrication, testing and installation of new suction and discharge CS piping headers, connections of exist pumps inside the pumps room 5m underground level.

❖ Construction , Installation of All Mechanical and Civil Works of 24" Pipeline of (GTU ,PS2, PS3 and ESDV valve installation) / Najaf to Basra

The scope of work for Erection, Installation and construction (GTU, PS2, PS3 and the gas pipeline route (ESDV) included.

GUT: 24" Pipeline Tie-ins inside GTU, two hot tap 24"x18", MOV installation and all support concrete.

PS2 Station: 24" Pipeline Tie-ins inside PS2 and all support concrete.

PS3 Station: 24" Pipeline Tie-ins inside PS3 and all support concrete.

ESDV Station: Each 25 km installation of ESDV with BY PASS line 8" included the excavation, backfilling, Valve pit and all civil works.

CIVIL PROJECTS:

7 Manifold Foundation / Zubair Oil Field

The scope of work included the excavation, backfilling and reinforced concrete works for manifolds foundations (15x7x1.2 m).

Hookups Valve pit / Zubair Oil Field

The scope of work included the fabrication and installation of reinforced concrete valve pit, x single valve pit & x double valve pit.

12 Concrete Valve Pit for (ESDV) / Najaf to Basra

The scope included the installation of reinforcement concrete pit (5x4x3.9 m) for the ESDV on the 24" pipeline from Basra GTU to Najaf PS3 at each 25 km.



HOT TAPPING

LSA performs specification development, proposal evaluation, project management, and technical consulting for oil & gas and water & liquid pipeline companies. Our capabilities include specialized applications, wherever achievable. If you're planning a project but are not sure of the best way to make it happen, tap into the wealth of experience that we have to offer.

Working together, we can achieve an innovative and cost-effective solution to suit your requirements.

HOT TAPPING

Our unique range of specialist hot tapping equipment enables a connection to be made to a piping system or a vessel without shutdown or interruption to production.

Hot Taps can be performed safely on most types of pipes, ranging from carbon steel to GRE. They can be carried out on systems containing oil, gas, fuel, steam, water and many other line mediums with pressures up to 1000 PSIG @ 100°F.

LSA use the latest available technology in coupon retention. When a Hot Tap is performed, the double wired pilot drill retains the coupon for recovery when the process is complete. A typical Hot Tap installation consists of a tapping saddle, ball or gate valve, and Hot Tapping Machine.

The installation is pressure tested, the valve is opened, and the cutter and pilot drill advanced.

When the cut is complete, the cutter and pilot drill is retracted, the valve is closed and the Hot Tap Machine removed.

Project:

Air Removal Project – Hot Tapping of 17 points / Rumaila Oil Field

Performed the Hot tapping process for 17 points (10 x 20" & 7 x 16") on exist pipeline 48", 42" & 30".

Hot tapping Works / Zubair Oil Field

Preformed the hot tapping works for- 3 No. 8"x6" , 3 No. 12"x10" , 2 No. 6"x4" , 1 No. 24"x16" - (Hot taps fitting Weldolet prefabrication, installation, welding, Testing).

Hot Tapping 36"x24" / Zubair Depot

The scope of work included 1 Qty 36"x24" Split Tee prefabrication, installation, welding, hydrostatic test, assistance the hot tapping team.



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