

## Oil & Gas Industry

Sarla Technologies has been serving the Oil & Gas industry for the past 18 years. We have executed more than 100 projects across various processes of Oil & Gas industry. We have gained rich experience across downstream processes and equipment used in Oil & Gas plants.

We have utilized our knowledge on Oil & Gas compliance systems to offer reliable engineering services to our customers. We have implementation know-how of various industry standards like Norsok, EU, BS, IEC, SIL, ASME & API for Oil & Gas industry. Our engineers are certified for OPITO, OSHA & HSE.



### Our Experience on Various Systems, Processes and Equipment

Offshore	Onshore	Pipeline & Transportation	Modules & Skids	Static Equipment
Offshore Platforms	Oil / Gas Gathering Stations (OGS/GGS)	Compressor & Metering Station	Chemical Injection Systems	Pressure vessels
Jack up Rigs	Early Production Facilities – (EPF)	Pump Station	Metering Systems	Heat, Shell & Tube Exchanger
Mobile Offshore Production unit (MOPU) – FPSO, Semisubmersible	Refinery Units	Pig Launcher /Receiver	Clean in process skids	Air Cooled Heat Exchanger
Mobile Offshore drilling unit (MODU),	Petrochemicals facilities	Pipeline Control Room	Fire & Gas Modules	Hairpin Exchanger
	Tank farms / Terminals	Terminal Automation (Truck, Rail, Ship)	MEG/TEG Modules	Finned Tubes
			Air Separation and Hydrogen Generation Units	Boilers

### Services and Solutions Portfolio

Industrial Automation	Design Engineering	Software & IoT	Plant IT Solutions
Control System Engineering	Mechanical & Piping	Mobile & Software Application Design	MES Enablement
PLC, DCS, SCADA & HMI Application Development	Steel Structural Engineering	RFID, Barcode Integration	Overall Equipment Effectiveness (OEE)
FAT/ SAT	Electrical & Instrumentation	Driver Development	Paperless Manufacturing
Commissioning	Fabrication Detailing	Industrial Internet of Things (IoT)	Management Information System (MIS)
24x7 Support	Analysis/ Simulation	Cloud & Data Analytics	
	As-Built Documentation		

## Our Success Stories in Oil & Gas Industry

### Complete Automation of an Offshore Platform for a Leading **Oil & Gas Company in Egypt**



**Processes:** Industrial Automation engineering for an offshore platform

**Scope:** Design Documentation, Function Design Specification, Graphics and logic development as per the CEM documents and Testing.

**Hardware & Software:** Emerson DeltaV SX & SZ Controller, SIS (Safety Instrumented System)

### Designing of Chemical Injection Packages for Leading **Petroleum Major in UAE**

**Processes:** 3D Modeling of 33 Chemical Injection Packages in PDMS

**Scope:** Equipment design, Layout Engineering of Skids, Piping, Equipment and Structural Instruments Isometrics & Structural design

**CAD Tools :** PDMS, AutoCAD & Navisworks

### Design Engineering of 3 Modular Packages at Leading **Oil & Gas Company in Asia Pacific**



**Processes:** Detailed engineering of 3 Big Modular packages: Sulphur Recovery & Gas Treatment unit, Produced & Sour water package units

**Scope:** 3D Modelling for Modules & Overall GA, Modules Equipment GA and Piping Layout Drawings

**CAD Tools :** PDMS, AutoCAD, Navisworks, STAAD.PRO, CAESAR II

### Detailed Engineering of Tank Terminal Project for **Oil & Gas Company in Belgium**

**Processes:** Design and Detailed engineering of tank farm unit for 12 storage tanks

**Scope:** Piping, Pipe Supports - Spool drawings generation – With Field welds, Rack –Piping drawings

**CAD Tools :** AutoCAD, PDMS, STAAD.PRO, MicroStation

## Our Value Propositions

### Our Team's Strength

- Multidisciplinary engineering team
- Rich knowledge on Oil & Gas standards
- Automation Platform independent services
- Proven Global delivery model
- Geographically flexible resources
- State of the art infrastructure facilities

### Our Customer's Gains

- Reliable & scalable engineering partner
- One stop shop services & solutions partner
- Technical expertise to execute global projects
- Free up in-house talent for priority work
- Reduce cost & increase business volume
- Confidentiality of information, systems & processes

Let's connect

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