

“Our Vision is to become the leading niche of Oil and Gas products supply and services in Qatar”

Pioneering with WHCP, Testing units and Chemical injection skids

Habu Technology is the manufacturer of highly specialized products for oil and gas industry such as Chemical Injection system, High Pressure Test equipment, Hydraulic Power Units, Emergency Shutdown systems, Wellhead control panels, and Wire line control panels. We also provide maintenance services for the previously mentioned products as well as other products such as sampling tools, oil and gas PVT cylinders, and Hydro-test units.



# HABUTECH

Joint Venture with Norwegian Company



# ISO CERTIFICATIONS

Certificate AE13/2702

The management system of

**Habu Technology FZCO**  
- A Division of Habu Holding AS FZE

P.O. Box: 18214, MO. 0226, Jebel Ali Free zone, Dubai, United Arab Emirates.

has been assessed and certified as meeting the requirements of

**ISO 9001:2015**

For the following activities

Design, Manufacture and Supply of Oil & Gas Fields equipment Specialized in Well head control panels, Chemical injection skids, Hydraulic power units, Blow out preventer and Emergency shutdown system, Trading of Related Spares.

This certificate is valid from 30 September 2019 until 30 September 2022 and remains valid subject to satisfactory surveillance audits. Recertification audit due a minimum of 60 days before the expiration date. Issue 3. Certified since 30 September 2013

Authorized by




SGS United Kingdom Ltd  
Resource Business Park, Ebbw Vale, South Wales, NP23 5JF, UK  
t: +44 (0)1495 330400 f: +44 (0)1495 330400 www.sgs.com

HC 506 9001 2015 0016

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The applicant is bound by the Contract signed with the Client and the General Conditions of Certification Services available on the SGS website. The SGS website also provides a copy of the Certificate of Conformity and the Certificate of Audit Report. The SGS website also provides a copy of the Certificate of Audit Report. The SGS website also provides a copy of the Certificate of Audit Report. The SGS website also provides a copy of the Certificate of Audit Report.

Certificate AE13/2703

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Certificate AE13/2027

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P.O. Box: 18214, MO. 0226, Jebel Ali Free zone, Dubai, United Arab Emirates.

has been assessed and certified as meeting the requirements of

**ISO 45001:2018**

For the following activities

Design, Manufacture and Supply of Oil & Gas Fields equipment Specialized in Well head control panels, Chemical injection skids, Hydraulic power units, Blow out preventer and Emergency shutdown system, Trading of Related Spares.

This certificate is valid from 9 September 2019 until 9 September 2022 and remains valid subject to satisfactory surveillance audits. Recertification audit due a minimum of 60 days before the expiration date. Issue 1. Certified since 9 September 2019

Authorized by




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Resource Business Park, Ebbw Vale, South Wales, NP23 5JF, UK  
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“Manufacturer of WHCP, CIS, Test Units. HPU...”

## Service and Maintenance

Our personnel have a variety of experience in the field of instrumentation, pressure testing, flushing, repairing, maintaining, troubleshooting and calibration which ensures optimum service to our clients.

Our personnel are experienced with installation, start up, service and optimization of equipment and we offer full-service agreements with continuous follow up, training client manpower and technicians, control, testing and spare parts replacement.

## Engineering Expertise

The Engineers at Habu Technology possess best in class experience and knowledge in Oil and Gas Industry. Our specialist are always one step ahead with the growing industry reforms and our multi discipline engineering team ensures solution to every client problems. We are always ready for any challenge put forward and to tackle it the most responsible way.

From any new system building to the modification of any existing one, our team works closely with operations and maximize functionality and reliability.

Habu is well known for its integrity and optimistic attitude and approach towards solving problems for clients. It has always been our prime motto.

Experienced Habu technicians are trained in all types of troubleshooting techniques and capable of carrying out dedicated problem solving techniques.

## Engineered to meet your needs

Habu Technology focusses on services and products tailored to meet the needs and requirements of our clients, we have developed with years of experience of project planning and execution with single focus or a collaborative, expert and analytical approach.

Our Units are engineered specifically to respond appropriately to any challenge put forward.



## Quality statement

Quality is our survival in the business market. This survival is sustained by ensuring that the provided products always conform to customer requirements as well as applicable legal requirements

Our employees are competent and quality cultured, so they are self-driven to achieve quality in all working aspects. They always keep in their minds that the priority of achieving quality comes before any other priorities and targets.

We are committed to comply with the requirements of the established quality management system and to continually improve the effectiveness of the quality management system.





## Key Offerings

1. Well Head Control Panels (WHCP)
  - Single Well Head Control Panel
  - Multi slot Well Head Control Panel
  - PLC Based Well Head Control Panel
  - Hydraulic Interface Panel
2. Chemical Injection Skids (CIS)
  - Conventional Injection Skids
  - Multi Point Injection Skids
  - Multi Compartmental
  - Multi Head Pump Chemical Injection Skids
3. Emergency Shutdown Systems (ESD)
4. High Pressure Testing Units (HPTU)
5. Sampling Cylinders





“Habu Technology have Worked on several Projects”



## Well Head Control Panel

Habu Technology supplies Single and Multi-well head control panels both Onshore and Offshore for the control, monitoring and safety of Oil and Gas Production Wells. This can be built strictly in accordance with client specifications or Habu can offer full functional design specification service in the absence of any specification requirements.

The complexity of the systems is purely down to the clients request based on the requirements of the project, Habu can offer well control logic in the form of electro-hydraulic, pneumatic-hydraulic or electro-pneumatic instrumentation and control interfaces. Control can be provided by connecting all analogue/digital signals to either integral junction box for connection to the Master Control system or PLC.

## Single Well Head Control Panel

Single Well head control panel (On shore and off shore panels) are self-contained panels incorporates pneumatic and hydraulic valve controls for sequential valve operation (opening & closing), emergency shutdown, manual override and safety shutdown. System pressure is generated by air driven or electrically driven pumps and displayed by means of gauges.

Panels are constructed in SS316L stainless steel for corrosion resistance (according to NACE MR-01-75), complying with IP66 or NEMA 4X which is designed for ease of operation and access to panel components for maintenance.





"Habu delivers projects showing capability to produce multi slot, multi wells, multi-functional Well Head Control Panel."



## Multi Slot Wellhead Control Panel

Multi Well Control Panels are inherently single well panels, referred to as modules, set together in a Panel to control a number of wells. The Modules can be isolated or removed without disrupting the functionality of other modules of the panel.

Solar powered Control Panels are designed as alternative energy source to meet customer specification to make the panel self-contained without the need for external power services or utilities. Our multi-well control system is a fail-safe system using control logic to provide ESD, fusible loop fire protection and wellhead valve opening/ closing sequencing.

### PLC Based control systems

We provide PLC Based control systems tailored specifically as per requirements of our clients to simplify cost and at the same time establish satisfactory product PLC based Wellhead control systems are customized as required by Instrumented Protective System (IPS) for Wellhead valves Open/Close sequence, Control, Operation and shutdown safety requirements & to meet high degree of Reliability, Availability, Functional safety and complete integrity.

Advantage of PLC based WHCS is reduced installation cost by combining high level logic sequence function,

PID Control, Shutdown functions, Online fault monitoring, Diagnostic, Alarm & SCADA / RTU functions with best possible System Architecture, application software, programming software, Hardware and Software Configurations as per IEC safety standards. Project supply includes Design, Engineering, Procurement, SDP/PLC Panel Assembly,





“Habu provides wide range of ESD’s as per our client requirements.”

## Emergency Shutdown Devices (ESDs)

Emergency Shutdown Devices (ESDs) utilized in emergency situations to ensure the safe and effective shutdown of platforms and plants in a controlled manner. Habu offer tailored ESD’s as per client requirements and required logics.

Maximizes recovery, minimizes costs and enhance sustainability.



## Features:

- Hydraulic and Electrical connections
- Customised design as per client specifications
- Up to 60k psi
- Single Control Module available
- Multiple Control Module available





## Multi-Compartmental Chemical Injection System

This type of Chemical Injection Skids is most suitable at offshore platforms where there is severe space constraint and a need for injecting different chemicals in the same location. Multi compartmental tank skids are mostly combined with multi-point or multi-pump injection systems. Different type of chemicals can be stored in different compartments of the rectangular tank which can be placed on the same skid base frame.

Each compartment of the tank shall have separate set of pumps (single or multi head), valves and instruments. Controls for the whole system can be integrated into one system.

## Multi-Head Pump Chemical Injection Skids

Diaphragm or plunger type Multi-head pump can be used to inject two or more liquids through one pump. The pump employs a single drive mechanism coupled in parallel with multiple pumping chambers, each capable of handling different types of chemicals. Instead of using several pumps for pumping different chemicals, one single pump with number of heads can be used.

The pumps are precisely designed to make sure dosing of different chemicals in the required ratio. Its compact design demands less maintenance.







“Support Services – We preach what we do, Habu Technology make sure our clients are top most priority with providing them with number of services and end to end solutions”



**High Pressure Test Units**

Habu offers test equipment and trained technician team well aware about the latest technology.

All our pressure test units are built up around pneumatically driven pumps and Medium/High pressure valves, fittings, and tubing. The unit consist of open/closed frameworks and a control panel, all of it in stainless steel. For safety and simplicity of operation, a flow diagram is engraved into the control panels.



**Pressure Test Units / Bays conform to Pressure Equipment Directive 97/23/EC**

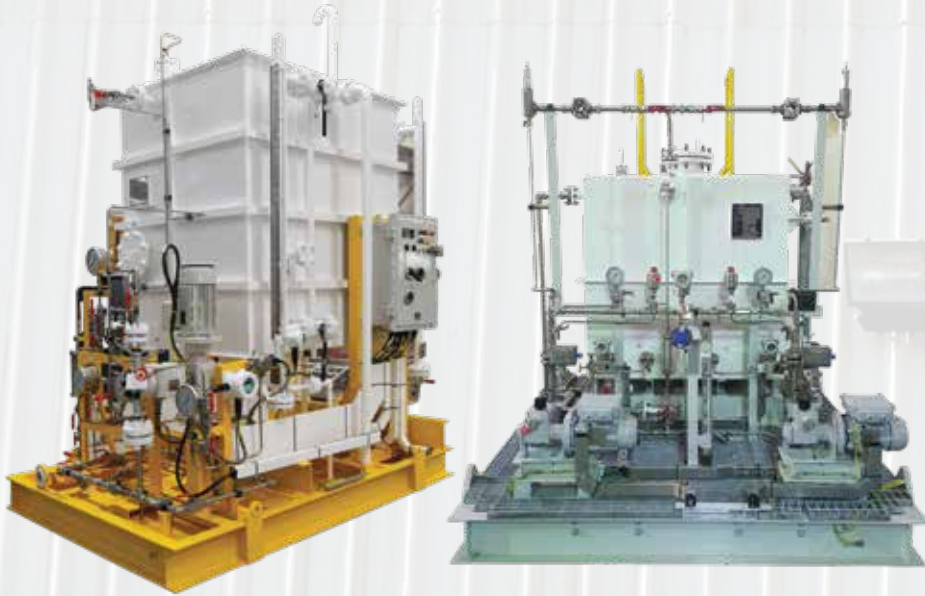
**Test & Control Systems**

- Control Systems
- Test and Flushing Systems
- Service of Well head control and Chemical Injection Skids.

**End to End Solutions**

Engineered to meet your needs. These equipment and other offered by Habu are just part of variety of services provided.





Single Head Chemical Injection System



PLC based Pressure Test Bay



Multi Head Chemical Injection System







## **Habutech – Qatar**

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