

ARTtechnology S.r.l.

Putting ART in Technology



Our Group

A.R.Technology carries out **trading, engineering and energy** activities at international levels and it is leader in supplying goods destined to Oil & Gas, Energy, Upstream, Midstream and Downstream companies, according to **quality** requirements and in compliance with most international standards. It is specialized in bulk material **packages** (piping, valves, mechanical, instrumentation, electrical) where quality and time are essential for projects which require multiple commodities in **one solution**.



Procurement

A.R.Technology offers high quality Procurement & Project Management Activities:

- Project Procurement
- Fast Track Supplies where time is essential
- Single items Supplies and according to the brand and origin requested by the Client
- Special supplies and manufacturing in strict accordance with client specification, including coating and painting
- Maintenance Procurement
- Negotiation of Service Contracts
- Suppliers and Manufacturers Market Research
- Expediting and Inspection, both internal and external by managing the third party
- National and International Shipments



Engineering

A.R.Technology offers engineering services including:



After Sales Site Support
Turn-Key applications
Maintenance Engineering
Recruitment and Provision of Technical Personnel
Customized Training Courses

Site Surveys
Feasibility Studies
Basic and Detailed Engineering Design
System Architecture Design
FAT & SAT
Commissioning & Start Up



Main Products

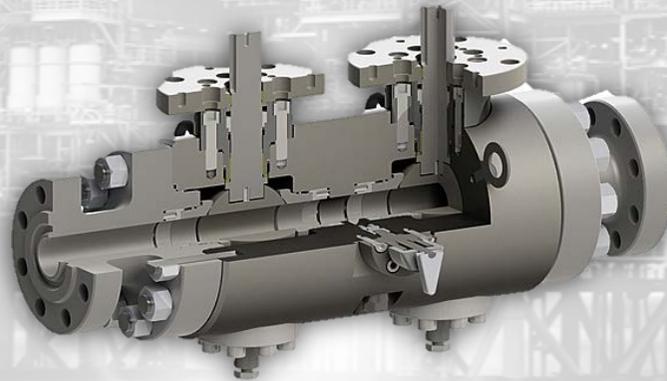
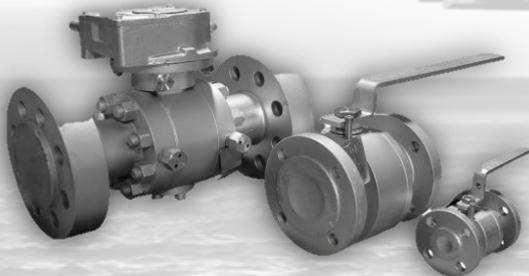
Piping Bulk Material

Pipes
Fittings
Flanges
Gaskets & Bolts



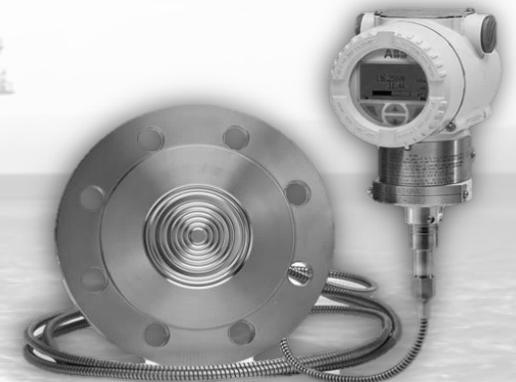
Manual Valves

Ball Valves
Globe Valves
Gate Valves
Check Valves
Butterfly Valves



Pressure Measurements

Pressure Transmitters
Differential Pressure Transmitter
Pressure Indicators
Differential Pressure Indicators
Pressure Switch



Main Products

Flow & Level Measurements

Multiphase Flowmeters
Ultrasonic Flowmeters
Level Transmitter
Level Indicators



Instruments Bulk Material

Manifold Instruments Valves
Compression Fittings
Seamless Tubing



Temperature Measurements

Temperature Transmitters
Temperature Indicators
Thermocouple
Thermoresistance



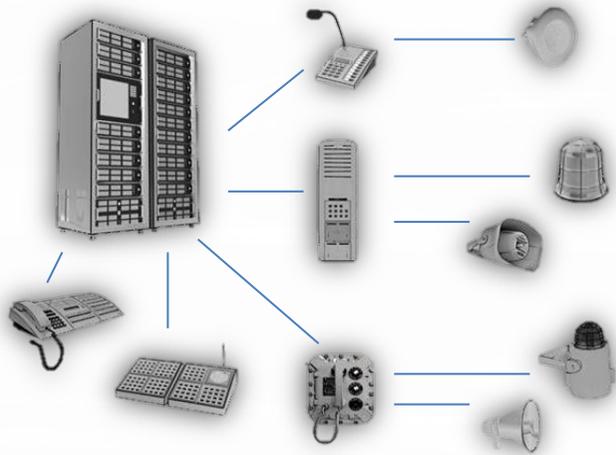
Special Equipment

A.R.Technology is also committed to provide solutions for the Industry which requires Engineering and Procurement of Material into one package ready for use.

Our engineering team is highly qualified and have a vast experience in providing services and solutions for the industry of Oil & Gas, while always maintaining a commitment to quality and covering the basic needs of our Clients. With services that offer trustworthy solutions, we are dedicated to innovation, efficiency and delivery of products that guarantee high quality results.



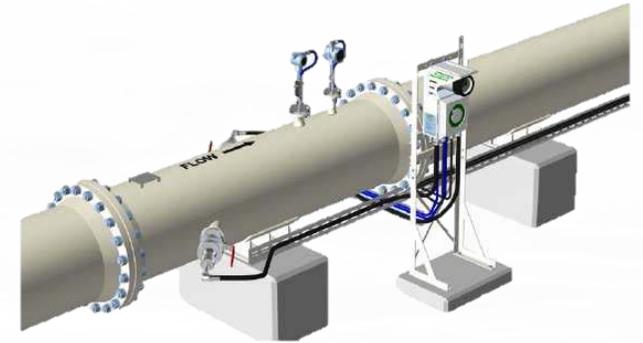
PA & GA Systems



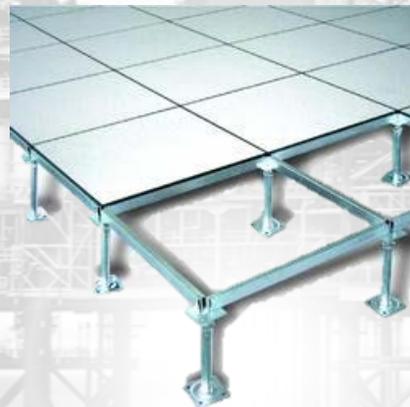
Personal Protection Equipment



Ultrasonic Flowmeters



Vessels & Heat Exchangers

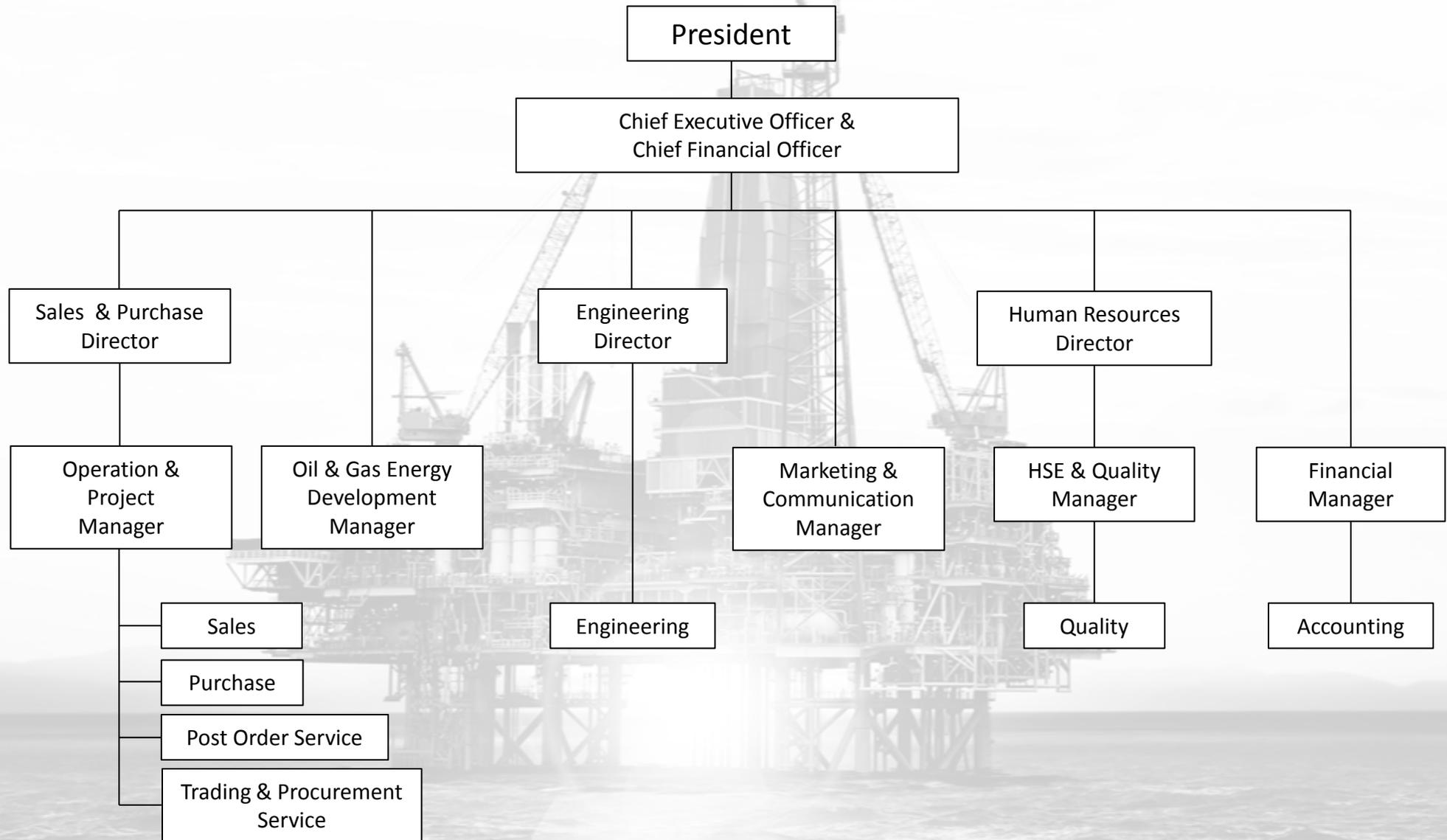


Raised Floor Systems



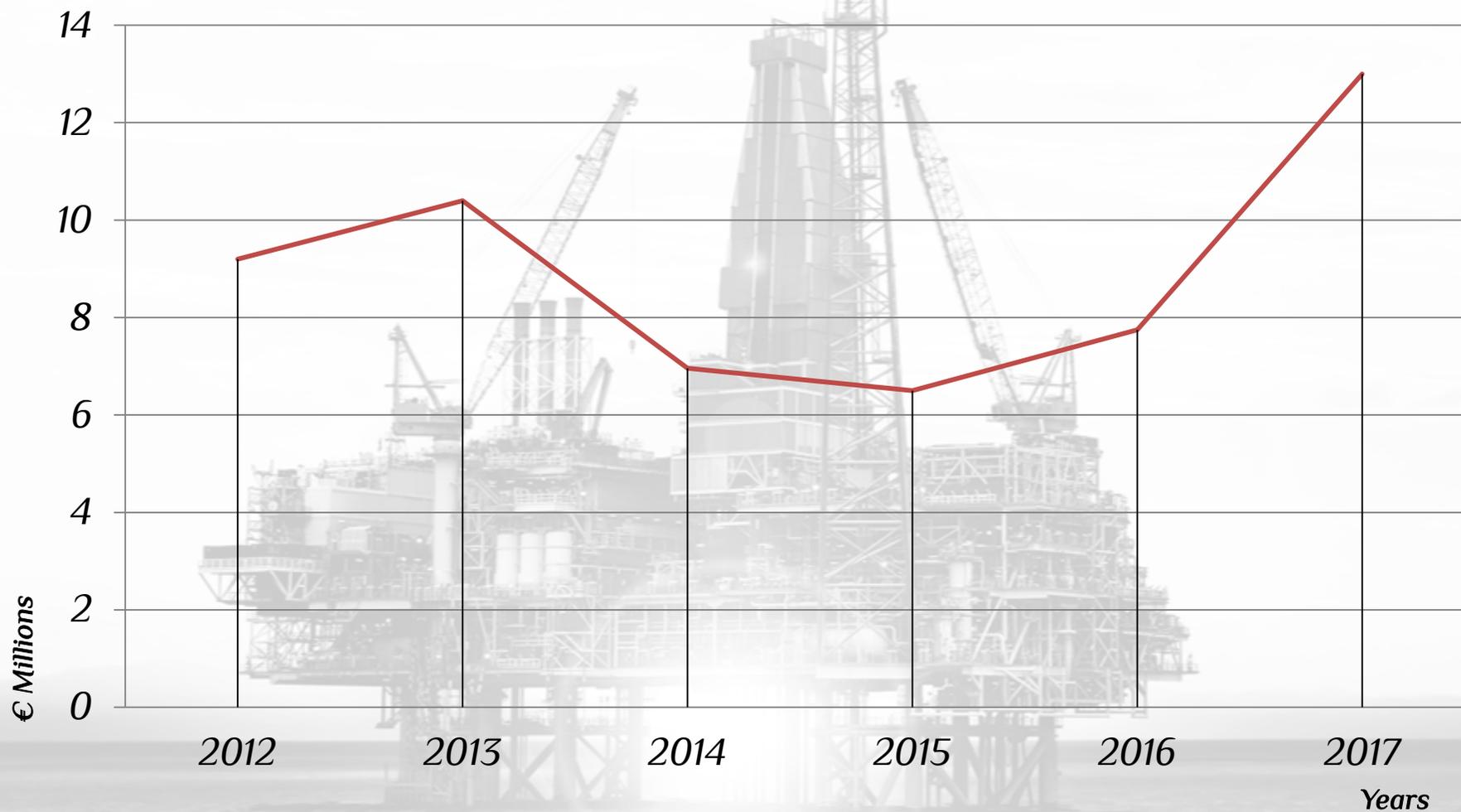
Preassembled Skid

Integrated Management System



Financial

from 2012 to 2017



Our Main Clients



Our Main Suppliers



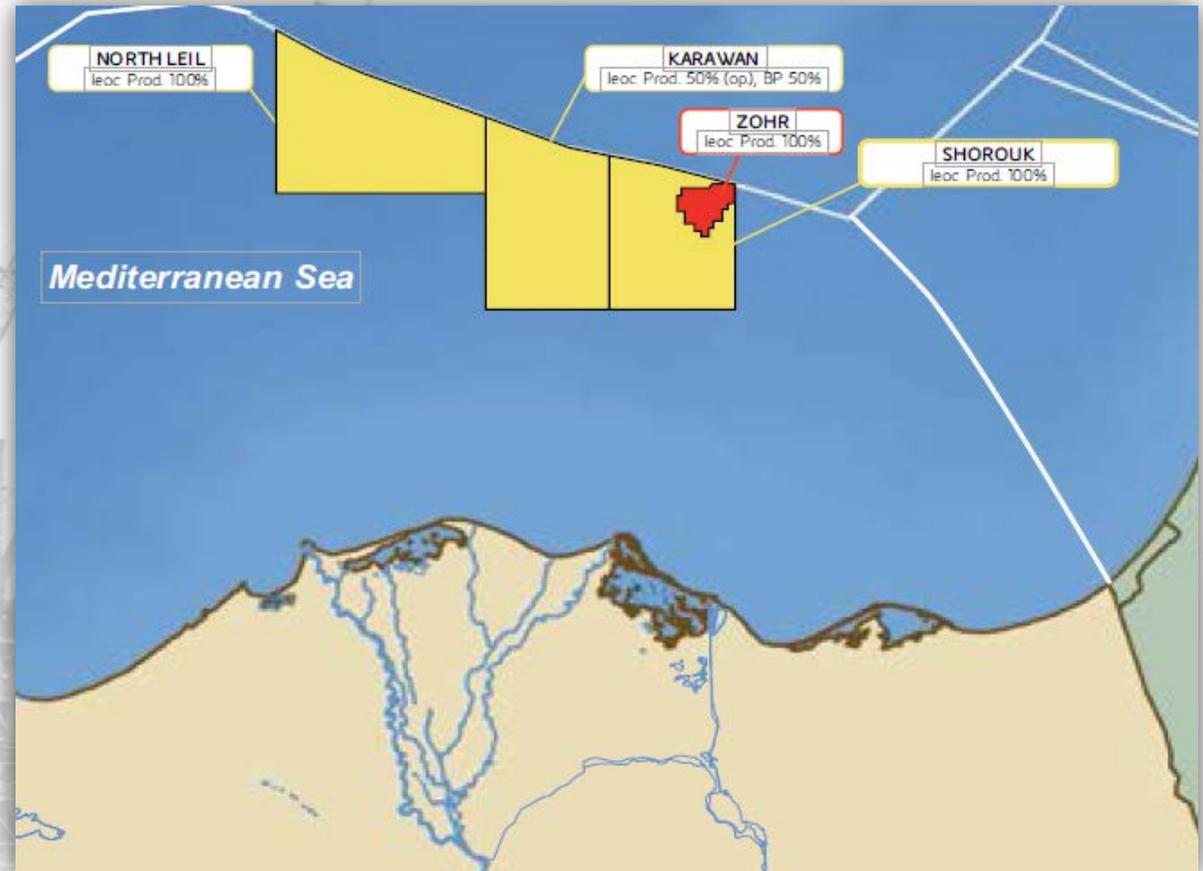
ZOHR Project

Zohr Gas field is located within the 3,752km² Shorouk Block, within the Egyptian Exclusive Economic Zone (EEZ), in the Mediterranean Sea.

The field is situated more than 150km from the coast.

Eni owns a 100% stake of the Shorouk license through IEOC Production and the property is operated by Belayim Petroleum Company (Petrobel), a joint venture between IEOC and Egyptian General Petroleum

Corporation (EGPC). Eni was granted approval for the Zohr Development Lease by the Egyptian Natural Gas Holding Company (EGAS) in February 2016. The Deepwater gas field is expected to start production in 2017 and reach full production capacity in 2019



ZOHR Project

Our Supplies

| <i>Pipes</i> | |
|--------------|---|
| Type | Seamless and Welded |
| Material | Carbon Steel and Stainless Steel |
| Grade | Gr. B, Gr. 6, Gr. X52, ASTM A671 Gr. CC 70 Class 22 ASTM A672 Gr. C 70 Class 22 |
| Service | Sour NACE |
| Size | From 1/2" to 48" |
| Thk | Up to 55 mm |
| Qty | Approx. 10.000 Tons |
| Origin | Europe, South Korea |
| Delivery | 8/10 weeks |



ZOHR Project

Our Supplies

| Pig Trap | | | | |
|--------------------------------|-------------------------------|-------------------------|-------------------------|-------------------------|
| Dimension (Inch) | 8"x12" | 14"x18" | 26"x30" | 30"x36" |
| Quantity | 2 | 2 | 1 | 2 |
| Service | Len Meg to Meg Injection Line | Well Fluid from Sealine | Well Fluid from Sealine | Well Fluid from Sealine |
| Operation Cycling | YES | YES | YES | YES |
| Trolley/Crane | YES | YES | YES | YES |
| Design Pressure | 500 Bar | 300 Bar | 300 Bar | 300 Bar |
| Design Code | ISO 13623 | ISO 13623 | ISO 13623 | ISO 13623 |
| Grade | L450 | L415 | L360 | L415 |
| Hydraulic Test Pressure | 750.75 Bar | 450 Bar | 450 Bar | 450 Bar |
| Design Temperature | 0/80°C | -10/80°C | -10/80°C | -10/80°C |
| Nace | NO | YES | YES | YES |
| Pig Signaller | YES | YES | YES | YES |



Engineering and Design by **A.R.Technology**
 Closure by **Fulgosi**



*Engineering, Design and Material Procurement by A.R.Technology
Construction by Petrojet*

ZOHR Project

Our Supplies

| <i>Fittings</i> | |
|-----------------|----------------------------------|
| <i>Type</i> | Elbow, Tee, Reducer, Weldolet... |
| <i>Size</i> | From 1/2" to 48" |
| <i>Thk</i> | Up to Sch XXS |
| <i>Material</i> | Carbon Steel and Stainless Steel |
| <i>Grade</i> | WPB, WPL6, F316, F316L |

| <i>Gaskets</i> | |
|-----------------|---|
| <i>Type</i> | Ring Joint, Spiral Wound, Insulation Kit, ... |
| <i>Size</i> | From 1/2" to 48" |
| <i>Rating</i> | Up to #2500 |
| <i>Material</i> | Stainless Steel |



Materials procurement and engineering development have been carried out starting from the FEED developed by ENI, Saipem and Enppi



| Flanges | |
|----------------|----------------------------------|
| Type | WN, Blind, SW & Slip On |
| Size | From 1/2" to 48" |
| Rating | Up to #2500 |
| Material | Carbon Steel and Stainless Steel |
| Grade | A105, LF2, F52 |

| Instrumentation | |
|------------------------|--|
| Type | Pressure, Flow & Temperature Transmitter Pressure and Temperature Gauge |
| Rating | Up to #2500 |
| Material | Stainless Steel & Alloy Material |
| Grade | F316, F316L, F51, F55 |

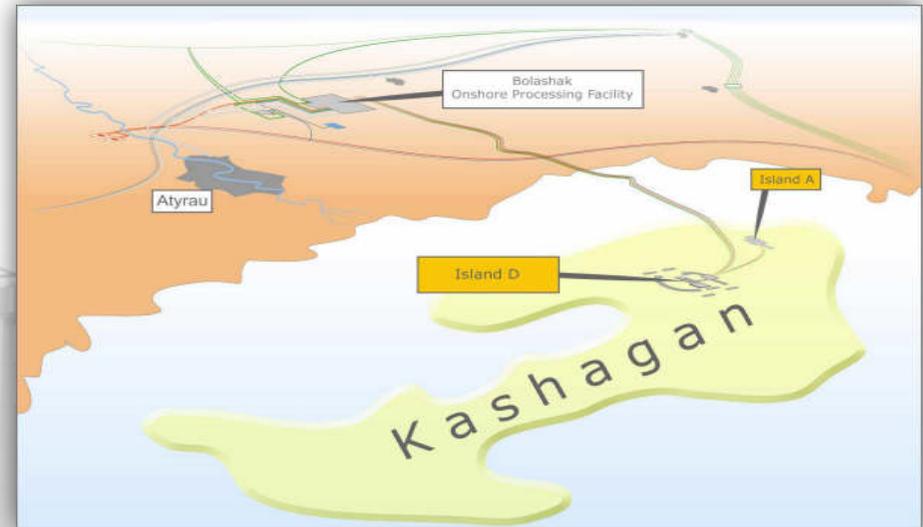
KASHAGAN Oil Field

Kashagan Field is an offshore oil field in Kazakhstan's zone of the Caspian Sea. The field, discovered in 2000, is located in the northern part of the Caspian Sea close to Atyrau and it is considered the world's largest discovery in the last 30 years, combined with the Tengiz Field





agip kco



Supplied Materials

Gaskets

Cable Trays

Cables

Bolts

Transmitter & Instrumentation

Compression Fittings

Autoclave Fittings

Valves (Ball, Gate, Check, ...)

Cable Glands

Rupture Disc

Fiber Optics JB

Contractors:



BOSCONGO

Nenè & Kitina Offshore Project

We have provided material to platforms Nenè and Kitina thanks to fast delivery time:



- Bulk Material
- Pressure Transmitters
- Temperature Transmitters
- Thermowells
- Level Transmitters
- Pressure & Temperature Gauges
- Pig Trap Sensor
- Orifice Plate and Restriction Orifice

Quality control and assurance

A.R.Technology operates in accordance with all the most common international standards in respect of the highest level of requirements

Certificate of Registration
nr. 1416024-00

Intertek

This is to certify that the Quality Management System of

A.r. Technology S.r.l.

With office in: Via Angelo Moro, 109 – 20097 San Donato Milanese (MI)/Italy

has been assessed and registered by Intertek against the requirements of the standard

ISO 9001:2015

The Quality Management System is applicable to
*Trading, Procurement and Expediting Services Provider,
Inspection and Technical Analysis.*

IAF 35-34
The validity of this certificate is subject to periodic surveillances.

| | |
|------------------------------|-------------------------------|
| First certification date: | 21 st August 2008 |
| Previous expiry date: | 22 nd January 2017 |
| Re-certification Audit date: | 09 th January 2017 |
| Issue date: | 25 th January 2017 |
| Certification Expiry date: | 22 nd January 2020 |


L'ENTE ITALIANO DI ACCREDITAMENTO
Regolato per legge n. 22 del 17/03/2004 art. 15, comma 1, lett. a) e art. 17, comma 1, lett. a) del D.Lgs. n. 286 del 30/09/1998


Calin Moldovean, Global Business Leader Business Assurance
Intertek Italia S.p.A.
Via Miglioli, 2/A 20063 Cernusco S/N (MI)

In the issuance of this certificate, Intertek assumes no liability to any party other than to the Client, and then only in accordance with the agreed upon Certification Agreement. This certificate's validity is subject to the organization maintaining their system in accordance with Intertek's requirements for systems certification. Validity may be confirmed via email at certification.validation@intertek.com or dialling the following phone number +39 02 36766350.

The Certificate remains property of Intertek, to whom it must be returned upon request.

Certificate of Registration

Intertek

This is to certify that the occupational health and safety management system of

A.r. Technology S.r.l.

Main Site: Via Angelo Moro, 109 – 20097 San Donato Milanese (MI)/Italy

has been assessed and registered by Intertek as conforming to the requirements of

OHSAS 18001:2007

The occupational health and safety management system is applicable to the management of occupational health and safety risks associated with:

*Trading, Procurement and Expediting Services Provider,
Inspection and Technical Analysis.*

| | |
|------------------------------|--------------------------------|
| Certificate Number: | OHS 140910 - 02 |
| Original certification date: | 04 th December 2014 |
| Certificate issue date: | 25 th January 2017 |
| Certificate expiry date: | 24 th January 2020 |


014


Authorised Signature: Calin Moldovean – President, Business Assurance
Intertek Certification Limited, 10A Victory Park, Victory Road, Derby DE24 8ZF, United Kingdom

Intertek Certification Limited is a UKAS accredited body under schedule of accreditation no. 014.

In the issuance of this certificate, Intertek assumes no liability to any party other than to the Client, and then only in accordance with the agreed upon Certification Agreement. This certificate's validity is subject to the organisation maintaining their system in accordance with Intertek's requirements for systems certification. Validity may be confirmed via email at certification.validation@intertek.com or by scanning the code to the right with a smartphone.

The certificate remains the property of Intertek, to whom it must be returned upon request.

CT-OHSAS 18001:2007-UKAS-EN-A4-P-20 Jun.13





Serving Industries Worldwide since 1988
with
Procurement Solutions for any Project



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