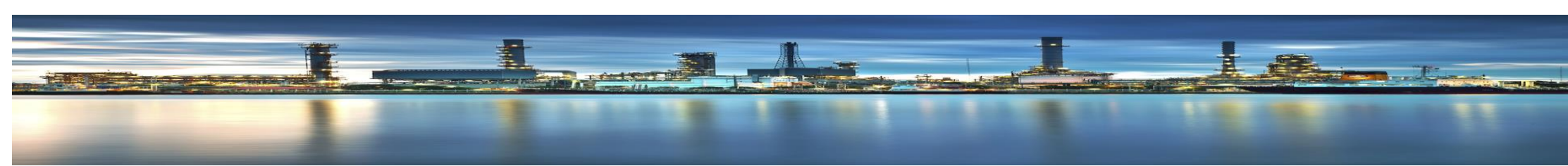


The background of the slide is a composite image of an oilfield. On the left, there are large, cylindrical storage tanks. In the center and right, there are offshore oil rigs and platforms. The entire scene is overlaid with a semi-transparent blue wave pattern that flows across the image.

**PSI « Pétrole Services Industriel »**  
**EPC OIL & GAS**





**SINCE :**  
**2001**

**Share Capital :**  
**1 110 000 €**

**Business Name :**  
**Pétrole Services  
Industriel**

**+ 80 Finalized Projects  
with success**

**Legal Form:**  
**Private Limited  
Company**

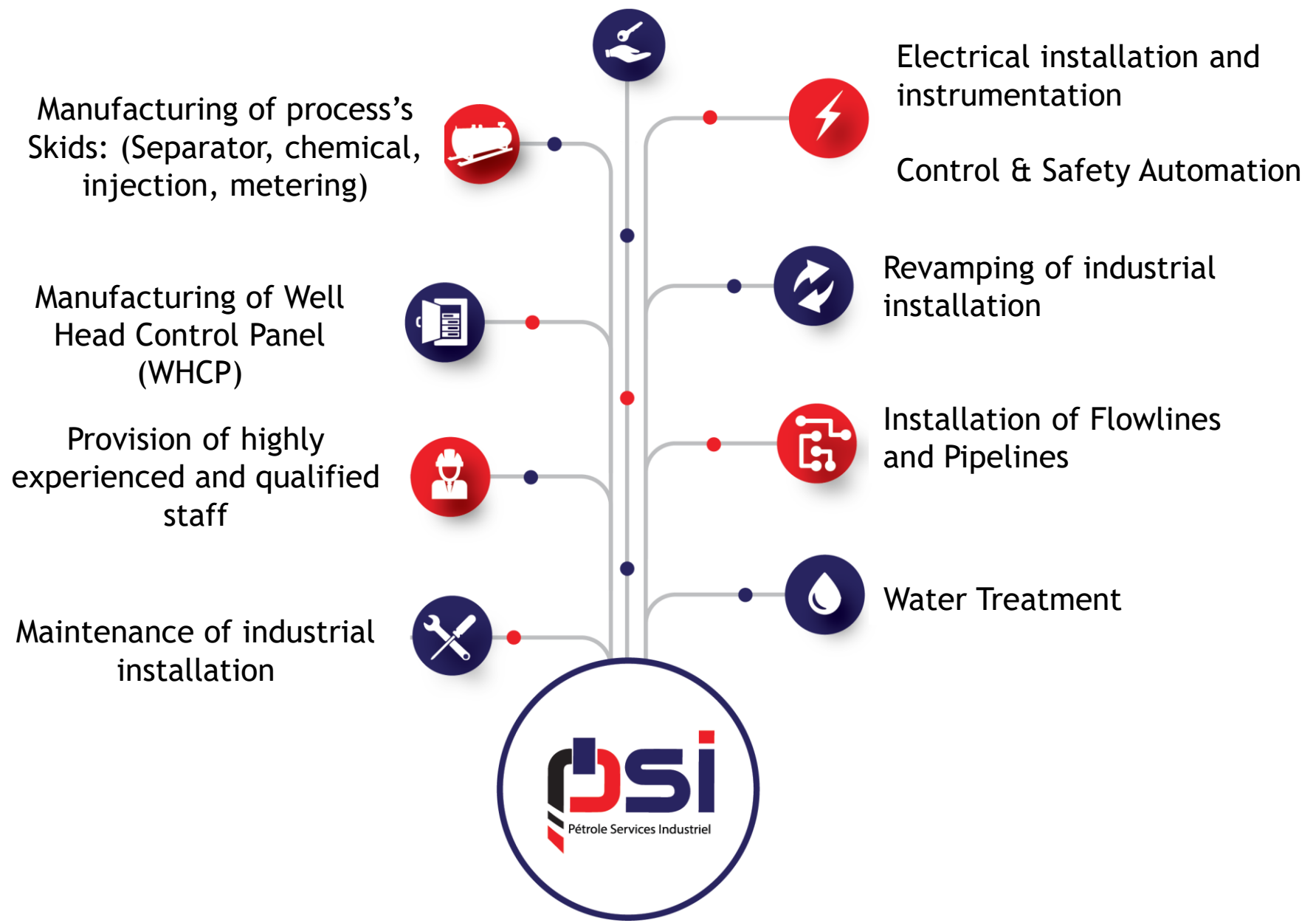
**Employees in 2022:**  
**328**





# MAIN ACTIVITIES

EPC Contractor providing project on turn-key basis



# ISO CERTIFICATES

## Certificate

Standard **ISO 14001:2015**

Certificate Registr. No. **01 104 1615627**

Certificate Holder:

 **PSI**  
**Petrol Services Industriels**  
km 11 Route de Gabes Z.I. Thyna  
3084 Sfax-Thyna-Sfax  
Tunisia

Scope:

Engineering and realization of projects in the oil and gaz and industrial fields in addition to maintenance and staffing services provision.

Validity:

Proof has been furnished by means of an audit that the requirements of ISO 14001:2015 are met.  
The certificate is valid from 2022-11-13 until 2025-11-12.  
First certification 2016

2022-11-22

  
TÜV Rheinland Cert GmbH  
Am Grauen Stein · 51105 Köln

## Certificate

Standard **ISO 9001:2015**

Certificate Registr. No. **01 100 114630**

Certificate Holder:

 **PSI**  
**Petrol Services Industriels**  
km 11 Route de Gabes Z.I. Thyna  
3084 Sfax-Thyna-Sfax  
Tunisia

Scope:

Engineering and realization of projects in the oil and gaz and industrial fields in addition to maintenance and staffing services provision.

Validity:

Proof has been furnished by means of an audit that the requirements of ISO 9001:2015 are met.  
The certificate is valid from 2022-11-13 until 2025-11-12.  
First certification 2013

2022-11-22

  
TÜV Rheinland Cert GmbH  
Am Grauen Stein · 51105 Köln



# ISO CERTIFICATES

## Certificate

Standard **ISO 45001:2018**

Certificate Registr. No. **01 213 1515634**

Certificate Holder:




**PSI**  
**Petrol Services Industriels**  
km 11 Route de Gabes Z.I. Thyna  
3084 Sfax-Thyna-Sfax  
Tunisia

Scope: Engineering and realization of projects in the oil and gas and industrial fields in addition to maintenance and staffing services provision.

Proof has been furnished by means of an audit that the requirements of ISO 45001:2018 are met.

Validity: The certificate is valid from 2022-11-13 until 2025-11-12.  
First certification 2015 BS OHSAS 18001

2022-11-22

  
TUV Rheinland Cert GmbH  
Am Grauen Stein · 51105 Köln

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www.tuv.com



# ISO CERTIFICATES:ISO 3834-2





# ASME CERTIFICATES U & R



## CERTIFICATE OF AUTHORIZATION

The named company is authorized by The American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the ASME Single Certification Mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with the ASME Single Certification Mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:

**PETROLE SERVICE INDUSTRIEL - PSI**  
Route de Gabes Km 11 Z.I Thyna  
SFAX 3084  
Tunisia

SCOPE:

**Manufacture of pressure vessels at the above location and field sites controlled by the above location (This authorization does not cover impregnated graphite)**

AUTHORIZED: **July 21, 2022**

EXPIRES: **July 09, 2025**

CERTIFICATE NUMBER: **58087**

Board Chair, Conformity Assessment

Managing Director, Standards & Engineering Services

## THE NATIONAL BOARD OF BOILER & PRESSURE VESSEL INSPECTORS

### Certificate of Authorization



*This is to certify that*

**PETROLE SERVICES INDUSTRIEL - PSI**  
Route de Gabes Km 11  
Z.I Thyna  
SFAX 3084  
Tunisia  
**Acceptable Abbreviation: PSI**

*is authorized to use the R Symbol in accordance with the provisions of the National Board Inspection Code and NB-415, Accreditation of "R" Repair Organizations.*

All activities within the scope of this Authorization shall be controlled by the above location.

The scope of this Authorization is limited to:

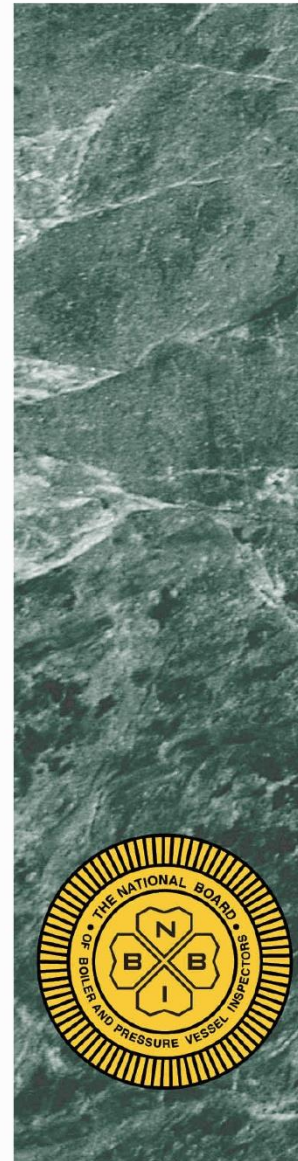
Metallic  
Repairs and Alterations  
At  
Shop and Field Locations

Certification Number: 12010

Issue Date: August 1, 2022

Expiration Date: July 31, 2025

Executive Director



# ATEX CERTIFICATES



**INERIS**

(2) Appareil ou système de protection destiné à être utilisé en atmosphères explosibles  
*Equipment and Protective Systems intended for use in Potentially Explosive Atmospheres*  
**Directive 2014/34/UE** **Directive 2014/34/EU**

(1) NOTIFICATION ASSURANCE QUALITE PRODUCTION	PRODUCTION QUALITY ASSURANCE NOTIFICATION
(Module D : Conformité au type sur la base de l'assurance de la qualité de la production)	(Module D : Conformity to type based on quality assurance of the production process)
(3) Numéro de la notification	Notification Number:
<b>INERIS 15ATEXQ703</b> INDICE / ISSUE : 03	
La Catégorie de produit est / The Product Category is : 1 et / and 2	
(5) Fabricant (ou le Représentant Autorisé dans la Communauté) /	Manufacturer (or Authorized Representative in the Community):
<b>ATEX SYSTEM</b> 87 Place D'Erlon F-51100 REIMS	
(6) Lieu(x) de production :	Manufacturing location (s):
<b>ATEX SYSTEM</b> 87 Place D'Erlon F-51100 REIMS  AIRE 6 Rue Pierre et Marie Curie F-51500 TAISSY  PSI Tunisie Rte de Gabes Km11 ZI THYNA TN-3084 SFAK  GS AUTOMATION Lotissement 119 Lot N° 191B 31023 BIR EL DJIR DZ-ORAN	
(4) La liste des produits (Equipement et Systèmes de protection) couverts par la notification est insérée dans le rapport d'audit référencé en (8) ci-après.	List of Products (Equipment and Protective Systems) covered by this notification is included in the assessment report referenced in (8) here after.
(7) L'INERIS, organisme notifié et identifié sous le numéro 0080, conformément aux articles 17 and 21 de la directive 2014/34/UE du Parlement Européen et du Conseil, datée du 26 février 2014, notifie que le fabricant dispose d'un système qualité de la production qui satisfait les annexes IV et VII de la Directive.	INERIS, notified body and Identified under number 0080, in accordance with Articles 17 and 21 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, notifies that the manufacturer has a production quality system which complies with Annexes IV and VII of the Directive.
(8) La présente notification repose sur le rapport de l'audit dont la référence et la date d'émission sont:  200449-1 - 2020-02-10	This notification is based on the following assessment report number and issued date:  200449-1 - 2020-02-10
Les résultats des réévaluations périodiques du système qualité font partie de la présente notification.	Results of periodical re-assessment of the quality system are a part of this notification.

Cette notification ne peut être reproduite que dans son intégralité, annexes comprises, et sans aucune modification.  
 This notification may only be reproduced in its entirety, annexes included, and without any change.

14 12804C Mise en vente - 30/04/2017



# Office & workshops

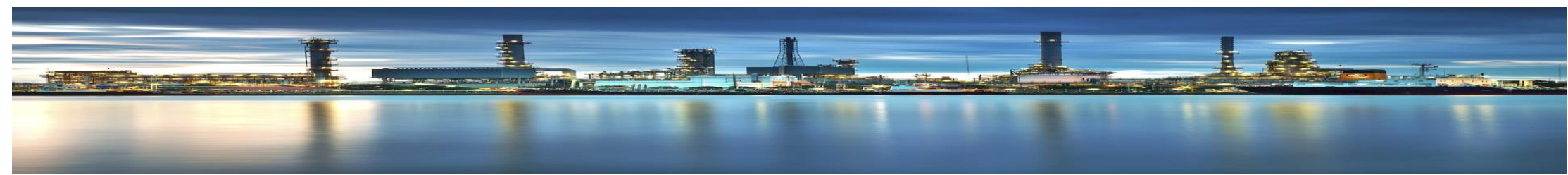




# MAIN CUSTOMERS

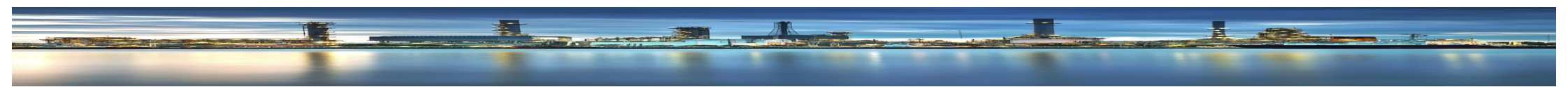






# REFERENCES

EPC



## **PROJECT** :CONSTRUCTION OF OIL TANKS TK01 & TK17 AT ESSIDER STORAGE TERMINAL

**CLIENT** : WAHA OIL COMPANY

**YEAR** : 2023

**LOCATED IN**:LIBYA

**DETAILS:**

**Type of tank** : Cylindrical

**Type**: Floating Roof / Double Deck Floating Roof

**Diameter**: 79,250 mm

**Height**: 18,000 mm

**Nominal Capacity**: 516,567 bbl

**SOW** :EPC Project : Management, Procurement, engineering, mechanical works, erection and welding, inspection & Hydraulic testing.







**PROJECT** :Replacement 80 km of 36" AMAL-RAS LANUF pipeline

**CLIENT** : Harouge Oil Operations

**YEAR** : 2021-2022

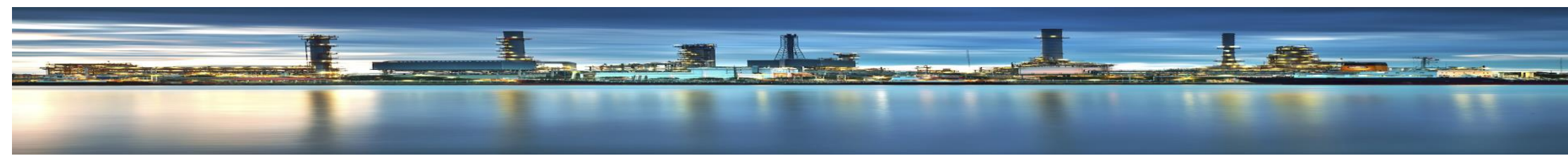
**LOCATED IN**:LIBYA

**SOW**:EPC Project: Management, Procurement, engineering, right of way, excavation, padding, backfilling, hot tapping, inspection & Hydraulic testing.

- Civil activities (Right of way, excavation, padding, backfilling).
- Pipeline activities (Stringing, welding, wrapping, lowering).
- Tie-in activities.
- Hot-tapping and stoppling activities.
- Pipeline wrapping activities.
- Mechanical completion (Cleaning, pigging, hydrotesting, dewatering).
- De-oiling work of abandoned pipeline and pumping back to the new line.







**PROJECT** :Replacement 80 km of 36" AMAL-RAS LANUF pipeline

Pipeline wrapping activities







## **PROJECT :OIL TANKS BOTTOMS REPLACEMENT**

**CLIENT : ENI**

**YEAR : 2022-2023**

**LOCATED IN: Oued Zar-Tunisia**

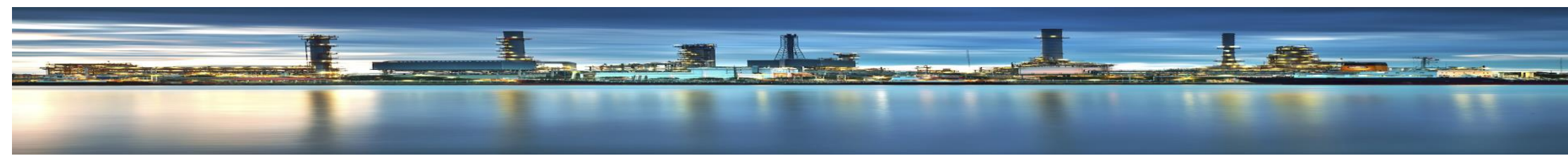
**SOW :To perform the existing tank bottom replacement for 50-TK-1A and 50-TK-1B.**

**Our activities consist of the following:**

- Tank Degassing & cleaning.
- Replacement of tank bottom.
- Inspection and testing.
- Cathodic protection installation.
- Painting work.







## **PROJECT :** RADES-C COMBINED CYCLE POWER PLANT 450MW

**CLIENT :** GAMA / MITSUBISHI SUMITOMO / STEG

**YEAR :** 2019-2021

**LOCATED IN:**TUNISIA

**SOW :** Mounting, installation, testing, connection, mechanical completion of all electrical, instrumentation, control, security system and equipment for BOP Rades-C combined cycle power plant







## PROJECT :GT -GTG E&I Works

CLIENT : GAMA/ MITSUBISHI SUMITOMO / STEG

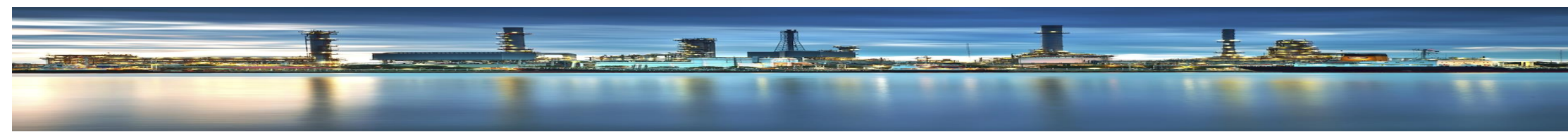
YEAR : 2019-2021

LOCATED IN:TUNISIA

SOW : Mounting, installation, testing, connection, mechanical completion of all electrical, instrumentation, control, security system and equipment for GT/GTG & accessories E&I works in Rades-C combined cycle power plant







## PROJECT : CPF NAWARA

CLIENT : MSBI/OMV

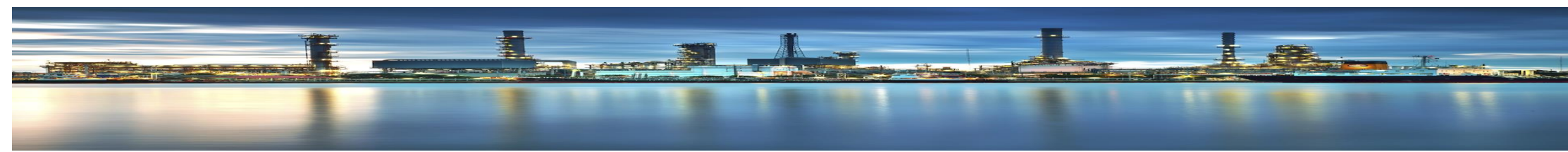
YEAR : 2018/2019

LOCATED IN:TUNISIA

SOW : Installation of electrical, instrumentation, telecommunication, fire and gas and control system

- Installation of power cable, distribution board, control panel, junction box, lighting system, earthing and lightning system
- Installation of instrument cable, junction box, PLC system, RTU and ESD system, pressure transmitter, temperature transmitter valves, tubing and accessories
- Installation of camera, phone and fiber optic cable
- Installation of control system
- Installation of fire and gas detection
- Precommissioning, commissioning and start up





## PROJECT: NAWARA PIPELINE E&I INSTALLATION

CLIENT : BIMS/OMV

YEAR : 2017/2018

LOCATED IN:TUNISIA

SOW : Installation of electrical, instrumentation and control system for 12 lines valve station (LVS1 TO LVS12)

- Electrical panel, power cable, junction box
- Instruments ,instruments cables
- Photovoltaic system
- RTU ,camera ,fo cable and phone
- F&G detectors







**PROJECT :**RELOCATION OF EQUIPMENT AND MATERIAL FROM KHOULOUUD 1 WELLSITE TO SHALBIA 1 WELLSITE, STRUCTURE WORKS FOR SHALBIA AND HOOK UP OF EQUIPMENT AND MATERIAL IN SHALBIA WELLSITE

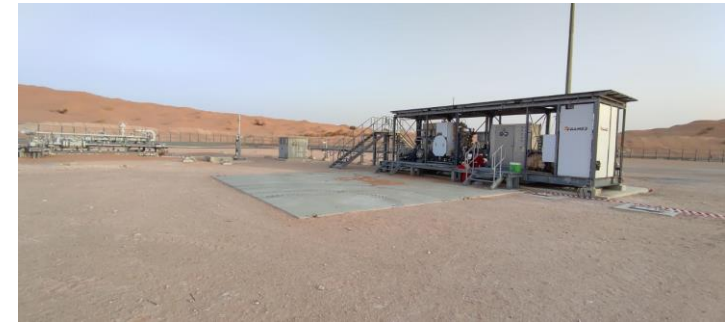
**CLIENT:**OMV

**YEAR:**2021

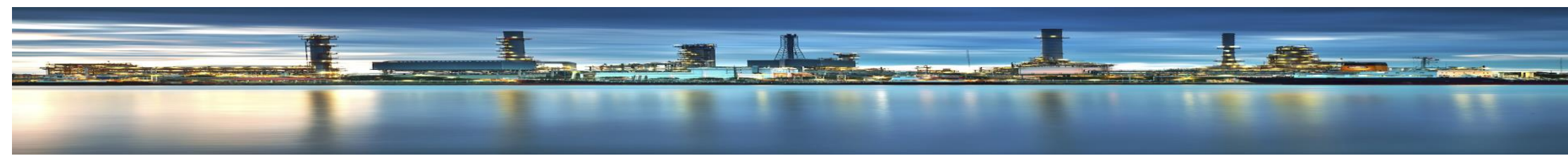
**LOCATED:** KHOULOUUD-SHALBIA WELLS-TUNISIA

**SOW:**

- Dismantling activities, which includes decommissioning, cleaning and reinstatement of KHOULOUUD-1, well site
- Relocation of all equipment and material removed from KHOULOUUD-1 wellsite to SHALBIA-1 wellsite
- Erection of piping, valves, skids, E&I equipment, telecom equipment and any other material recovered from KHOULOUUD-1 wellsite, and/or newly delivered by OMV in SHALBIA-1 wellsite
- Upgrading of DTS ring 2 and ring 3 fiber optic network
- Testing, mechanical completion and handover of all installations made at SHALBIA-1 well site.







## **PROJECT : ELECTRICAL WORKS BOUHERTMA DAM**

**CLIENT : HYDROKARST**

**YEAR : 2021-2022**

**LOCATED IN:TUNISIA**

**SOW : electrical works of Bouheurtma dam, including the supply of electrical equipment, the removal of existing equipment, installation and commissioning of new equipment.**







**PROJECT :**The supply, installation & commissioning of a fire fighting system for Events (Co2)

**CLIENT:** SCOGAT-ENI

**YEAR:**2021

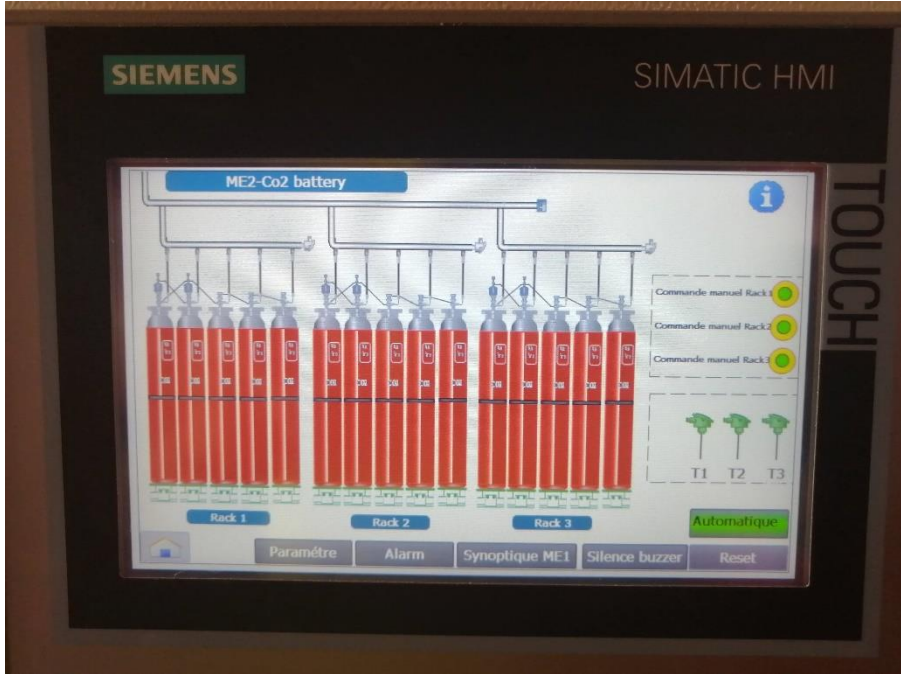
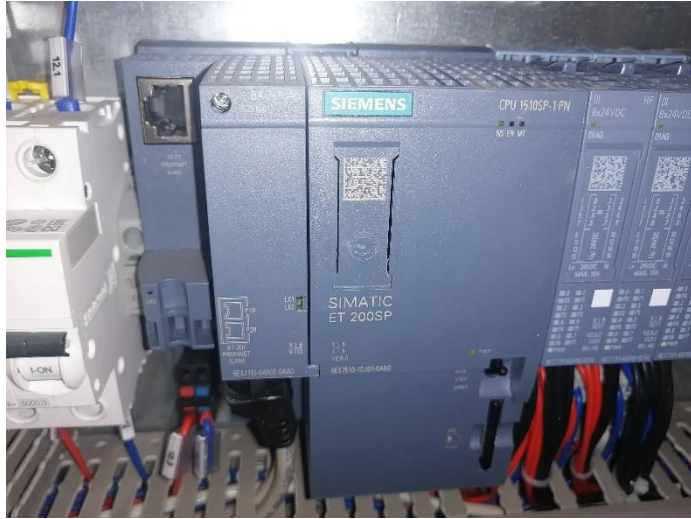
**LOCATED:** FERIANA-TUNISIA

**SOW:**The supply and installation of the control panel of the station's fire prevention system, and the supply of the system management software

Supply and assembly of 24 B67 CO2 bottles

Supply and assembly of 03 thermal type fire detectors

Installation and supply of the control panel







## **PROJECT** : CONSTRUCTION OF FLOWLINES FOR OIL WELLS

**CLIENT:** SODEPS

**YEAR :** 2021

**LOCATED IN:** WELLS OF LARICH-DEBBECH-TUNISIA

**SOW:** The construction of SMLS type Ø4 '' and 6 '' Flowlines, SCHEDULE 80 ASTM API 5L X46 PSL1

1. Flowline 4'' from Well DEB#B1 IN LPT OF KRDSW (4,5 Km)
2. Flowline 6'' from Well KRDSW#2 IN LPT OF KRDSW#1 (0,7 Km)
3. Flowline 6'' between LPT LA#A1 AND CPF Larich (4 Km)







## **PROJECT** :INSTALLATION OF CARTRIDGE FILTER FOR 32" GAS PIPELINE AT MELLITAH COMPLEX

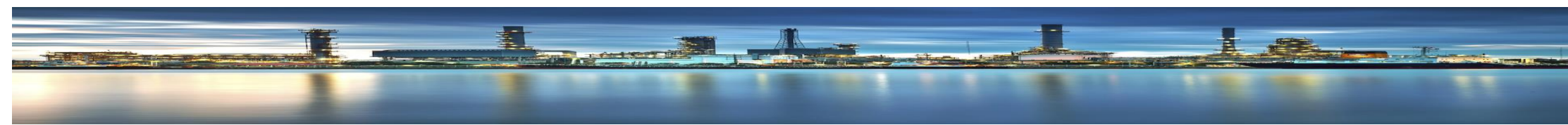
**CLIENT:**MELLITAH

**YEAR** :2020-2021

**LOCATED IN:** ZOUARA-LIBYA

**SOW:** Supply, site transport, unpacking, mounting, installation, testing, connection, mechanical completion of all Electrical, Instrumentation, automation, Fire & Gas System and equipment's for cartridge filter for 32" gas pipeline at Mellitah complex project.





**PROJECT :CONSTRUCTION OF A GAS LINE 10” FROM MELLITAH PLANT TO ZOUARA DESALINATION PLANT**

**CLIENT:MELLITAH**

**YEAR :2020-2021**

**LOCATED IN: ZOUARA-LIBYA**

**SOW:Supply, of pipeline materials: heat shrinkable sleeves, Insulating joints, Anchor flanges, cold and hot bend. Site transport, welding of production joints, radiographic test, coating activity, lowering of pipeline, welding of tie in joints. Perform the hydrostatic test of pipeline & installation of line marker, Pre-commissioning & Commissioning.**







## **PROJECT :ADAM CHILLING UNIT INTERCONNECTION**

CLIENT : ENI

YEAR : 2019

LOCATED IN:OUED ZAR-TUNISIA

SOW :

**Equipment and Skids installation:** Lifting installation and connection of : Aero, FCV Skid, Metering skid, PSV Skid, filter Skid, shilling Skid, Pig Launcher and Pig Receiver

### **Piping WORKS:**

Piping Fitting & Welding, Hydro testing including all test equipment & recording equipment

### **ELECTRICAL INSTALLATION WORKS**

Electrical cables laying & connection and installation of: PVC, Cable gland , MCT , UPS , Power distribution panel , Lighting and Earthing

### **INSTRUMENTATION INSTALLATION WORKS**

Cable tray installation, Instrumentation cables laying & connection, Cable gland connection, and installation of: Instrument junction box, Instrument (PI, TI) and SDV, BDV & RO







## **PROJECT** :WELL SITE JET PUMPING INSTALLATION

**CLIENT:**TOT/OMV

**YEAR** :2018-2019

**LOCATED IN:** TUNISIA

**SOW:**Eengineering, Supply of all mechanical, electrical and instrumentation works

As well as safety equipment installation







## **PROJECT** :CONSTRUCTION OF O2 FLOWLINES 12 km OF WELLS ABIR & BOCHRA

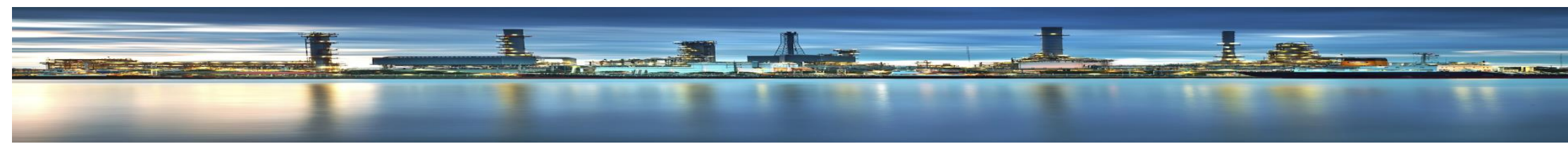
**CLIENT** : ENI

**YEAR** : 2020

**LOCATED IN**:TUNISIA

**SOW** : Construction, installation, welding and tie in and civil works  
of O2 Flowlines API 5L GrB Ø8" at Abir and Bochra Wells





## PROJECT : CONSTRUCTION PIPELINE 11 KM 12''

CLIENT : ENI/ETAP

YEAR : 2018

LOCATED IN:TUNISIA (OUED ZAR-ADAM-OMV)

SOW : Construction & installation of a pipe line  $\varnothing 12''$

- Supply and installation of optical fiber
- Supply of connection accessories
- NDT control
- Hydraulic test
- Coating of weld joints (hot coating seal)
- Excavation installation of buried line







## **PROJECT:** EPC of 7 FLOWLINES OF DIFFERENT DIAMETERS 4", 6" & 14"

**CLIENT:** MEDCO ENERGI

**YEAR:** 2015/2016

**LOCATED IN:** BIR BEN TRATAR- TUNISIA

**SOW:**

- Detailed engineering
- Supply of equipment and accessories including (anchor blocks, pig traps, pipe rack)
- Prefabrication and manufacture, (welding, sandblasting, painting, tests)
- Construction on site (leveling, foundation, excavation, road crossings, mechanical works E&I)
- Management and supervision
- Pre-commissioning, commissioning & start-up assistance
- Site remediation and waste management





## PROJECT: EPC CONTRACT FOR NEW CPF

CLIENT: MEDCO ENERGI

YEAR: 2015

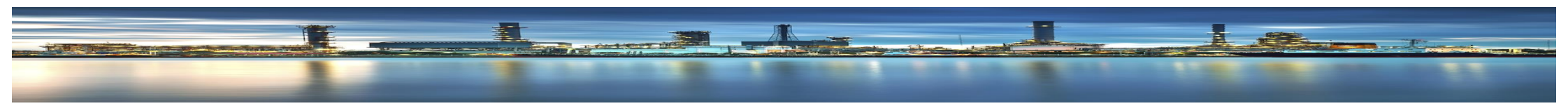
LOCATED IN: BIR BEN TARTAR TATAOUINE- TUNISIA

SOW: Design & supply of complete CPF facilities

- Manifold and skid of control
- Triphasic separator
- Skid of pumping station
- Skimmer and water treatment unit
- Control room equipped with PLC, DCS and fire and gas detection system
- Electrical room equipped with electrical panel
- Lighting system
- Earthing and lightning protection system
- Storage tank and truck loading system
- Fire-fighting systems
- Pre-commissioning, commissioning & start-up assistance







**PROJECT: E&I WORKS OF GPL GABES STATIONS 06 Sphere GAS**  
(Butane: 3x 4000m<sup>3</sup>/Propane: 3x 4000m<sup>3</sup>)

CLIENT: SNDP

LOCALITY: GABES - TUNISIA

SOW: Realization of E&I with fire and gas detection system, for the following equipment:

- Pumping station for distribution of GPL, butane and propane
- Loading station and counting skids
- Fire protection system
- Control room and electrical room MV/LV transformer grounding
- System and lightning protection control system
- Assistance with precommissioning, commissioning and start-up





# PROCESS & CONTROL EQUIPMENT





## **PROJECT** :SUPPLY OF A THREE-PHASE SEPARATOR (U STAMP)

CLIENT:SEREPT

YEAR:2023

LOCATED: Tunisia

SOW:

- Design, Calculation and fabrication of the separator (Size : $\varnothing$  3M, Length:8 M , Pressure: 3.5 Barg)
- Skid Assembly including piping, valves, instruments, Junction Box, structural skid,
- Platform including instrumentation works to connect instruments to Junction Box
- Separator Vessel Certification ASME U-Stamp







## **PROJECT** :Ship to shore bitumen unloading unit

**CLIENT:** TERMCOTANK

**YEAR:** 2023

**LOCATED:** GENEVA

**SOW:** The Engineering endorsement for:

- PLC philosophy, designed for insuring the process and Safety System Control
- Instrument and equipment specification / Heat tracing design

The detailed engineering for:

- General arrangement of the unit
- Design of the arrangement of the piping work
- The design and calculation of the unit's structure Construction and assembly







## **PROJECT** :FDEV HOOK-UP SKID: CHEMICAL INJECTION PACKAGES

**CLIENT:** GROUPEMENT BERKINE

**YEAR:**2023

**LOCATED:** ALGERIA

**SKID:** CHEMICAL INJECTION PACKAGES GAS CONDENSATE SYSTEM CORROSION INHIBITOR

**SOW:**The design, materials, fabrication, assembly, inspection, testing, shop, marking, testing documentation for shipment and transportation of one (01) chemical injection packages fully equipped







## **PROJECT : SUPPLY OF 06 MOBILE PIG STATIONS (8"x10", 10"x12", 12"x14")**

**CLIENT: SARPI**

**YEAR: 2023**

**LOCATED: ALGERIA**

**SOW: Design, manufacture, installation, inspection, documentation, monitoring, factory testing, packaging for shipment and delivery of 06 MOBILE PIG STATIONS**

- 01 PIG LAUNCHER 8"x 10" series 600, equipped with all the necessary instruments
- 01 PIG RECIEVER 8"x 10" series 600, equipped with all the necessary instruments
- 01 PIG LAUNCHER 10"x 12 series 600, equipped with all the necessary instruments
- 01 PIG RECEIVER 10"x 12" series 600, equipped with all the necessary instruments
- 02 PIG LAUNCHER 12"x 14 series 600, equipped with all the necessary instruments
- 02 PIG RECIEVER 12"x 14 series 600, equipped with all the necessary instruments







## **PROJECT :ELM NITROGEN SEPARATOR FOR WSW & FILTER**

**CLIENT: GROUPEMENT BERKINE**

**YEAR:2023**

**LOCATED: ALGERIA**

**SOW:the Design, engineering, procurement, fabrication, assembly, manufacturing, inspection and testing, certification, surface preparation, cleaning, painting, packing, preservation, documentation, supply and performance guarantee & warranty of nitrogen separator and the water filter**

### **➤ NITROGEN SEPARATOR:**

**PSI will provide the following material:**

- Vessel body with saddles, nozzles, lifting lugs, spreader beam, manhole, and blind Flange with david for manhole complete with gaskets, stud and nuts.**
- Internal ladder**
- Two saddles types support for vessel with anchor bolts**
- Nameplate and name plate support.**
- Platform, ladder and pipe support**
- Carry out the internal and external Painting of the vessel and piping according to International Standards and according to Painting Procedure which will be submitted to COMPANY for approval.**
- All material for hydro test**
- Construction & Commissioning Spares**

<b>Codes</b>	<b>ASME Section VIII Div. 1</b>
<b>Inside diameter</b>	<b>2 800 mm</b>
<b>Length (S / S)</b>	<b>6 400 mm</b>
<b>Design pressure</b>	<b>12 Bar</b>



## **PROJECT :ELM NITROGEN SEPARATOR FOR WSW & FILTER**

**CLIENT: GROUPEMENT BERKINE**

**YEAR:2023**

**LOCATED: ALGERIA**

### ➤ **WATER FILTER:**

- PSI will provide 20” #150 Horizontal Water Well Filter same as Dollinger Horizontal Water Well Filter.
- The water filter will be fabricated in the way that it will fit with the Dollinger element filter Part number 79-1622.
- Each unit comprise of a Vertical pressure vessel designed and manufactured in accordance with ASME VIII Div. 1. Each vessel incorporates a bolted cover c/w davit.
- Each vessel housing 2 single length filter elements P/N 79-1622 supported internally and externally by a UNS S32760 stainless steel plate support. The filter element assembly offers a generous filtration area to provide low operating pressure drops and high dirt holding capacity to prolong operating periods.
- The filter elements are secured within the vessel via stainless steel bolting.







## **PROJECT :08 FIXED DEPARTURE / ARRIVAL PIG STATIONS**

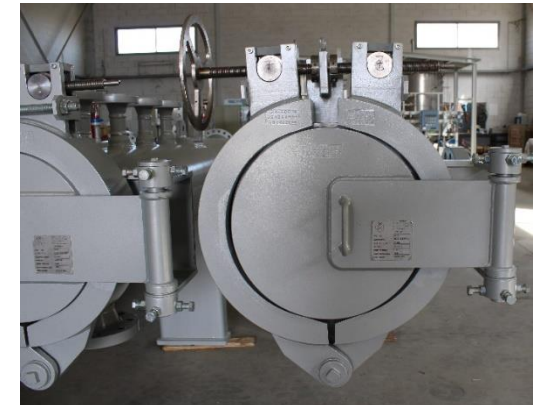
CLIENT: GTP

ANNEE:2023

LOCALITE: ALGERIA

SOW:Design, manufacture, installation, inspection, documentation, monitoring, factory testing, packaging for shipment and delivery of 08 fixed departure / arrival pig stations intended for pipelines relating to the Project deconstruction of two oil and gas transfer lines from EPF RAMA to the Hassi Messaoud facilities.

- ✓ 02 Pig launcher 16"x 12" series 600, equipped with all the necessary instruments
- ✓ 02 Pig Receiver 16"x 12" equipped with all the necessary instruments
- ✓ 02 Pig launcher 18"x 14" series 600, equipped with all the necessary instruments
- ✓ 02 Pig Receiver 18"x 14" series 600, equipped with all the necessary instruments





**PROJECT** :SUPPLY OF 02 SKID CORROSION INHIBITOR INJECTION SKID FOR THE NAWARA 2 AND TERFES 1 SITES

CLIENT: OMV

YEAR:2023

LOCATED: TUNISIA

SOW:The design, engineering, procurement, fabrication, assembly, inspection and testing, certification, surface preparation, cleaning, painting, supply and performance guarantee of the fully equipped corrosion inhibitor injection skid for the NAWARA 2 and TERFES 1 SITES







**PROJECT** :CF 48 DEN.GRC.KH.GTP/2022-843/2022 Supply of pig Reciever

CLIENT: GTP

YEAR:2023

LOCATED: ALGERIA

SOW:The design, manufacture, assembly, inspection and testing of a fixed pig Receiver (Liquefied Petroleum Gas) of 14"x 10" LPG MIXED Butane/Propane with eccentric end with chassis, cradle, as well as all the necessary instruments, spare parts for commissioning, pre-commissioning and two years of operation (body and nose of the station in API 5L X52 PSL2), series 600, design pressure=92 bar , C.A.=3 mm.





## **PROJECT** :ELM SKID CHEMICAL INJECTION FOR WSW

**CLIENT:** GROUPEMENT BERKINE

**YEAR:**2022

**LOCATED:** ALGERIA

**SOW:**

- Design, engineering, procurement, manufacturing, assembly, inspection and testing of fully equipped chemical injection skids

PSI Supply :

- 01 Skid d'injection chimique / Inhibiteur de corrosion et biocide
- 01 Skid d'injection chimique / récupérateur d'oxygène







## **PROJECT** :FCP-1055 NEW CHEMICAL INJECTION SYSTEM FOR TAGI PWYT UNIT FLOCCULANT & COAGULANT

**CLIENT:** GROUPEMENT BERKINE

**YEAR:**2022

**LOCATED:** ALGERIA

**SOW:**

- Engineering , design, supply and fabrication of two injection skids for flocculant and coagulant
- Supply and assembly of equipment and instruments: pumps, pressure safety valve, pressure gauge, pressure transmitter, calibration pot, pulsation damper...
- Supply and installation of electrical equipment: junction box, local start & stop button for pumps
- Assembly of tubing, piping, flanges, valves and fittings
- Inspection and tests: penetrant testing and magnetic particle test for welding, lifting test, leak test and factory acceptance test
- Supply of loose parts for tanks: level transmitter, temperature gauge, level gauge
- supply of spare parts







**PROJECT :SUPPLY OF METHANOL INJECTION SKID FOR SHALBIA #1**

**CLIENT: OMV**

**YEAR:2021**

**LOCATED: CHALBIA-NAWCPF-TUNISIA**

**SOW:The design, engineering, procurement, fabrication, assembly, manufacturing, inspection and testing, certification of the fully equipped methanol injection skid for Shalbia well site**



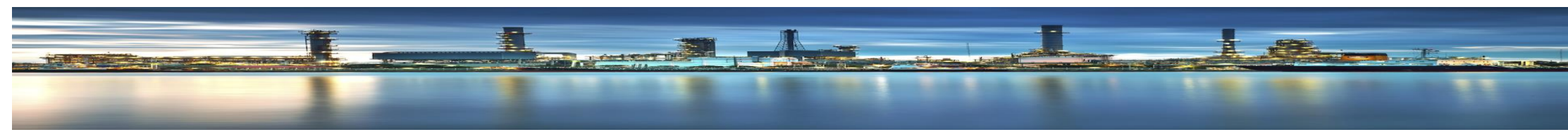




**PROJECT** :SUPPLY OF METHANOL INJECTION SKID FOR SHALBIA #1

Off Grid photovoltaic system: 24VDC/6000 Ah/4 days autonomy / 1500W





**PROJECT :** STORAGE TANK WITH SKID MOUNTED FUELLING SYSTEM AVIATION FUEL JET-A1

**CLIENT:** MELLITAH

**YEAR:**2021

**LOCATED:** LIBYA

**SOW:**The design, engineering, material supply including commissioning spare parts, manufacturing, assembly, providing all documentation, inspection & testing including Factory Acceptance Test, painting, ASME certification, supply & delivery to local port, assistance during installation, commissioning and start up, site performance testing, training, after sales support for the supply of one (1) no. aviation fuel storage and refueling package including all accessories as required for the Wafa Desert Plan - Onshore facilities.







## PROJECT :THE SUPPLY OF 02 PIG LAUNCHER AND RECEIVER

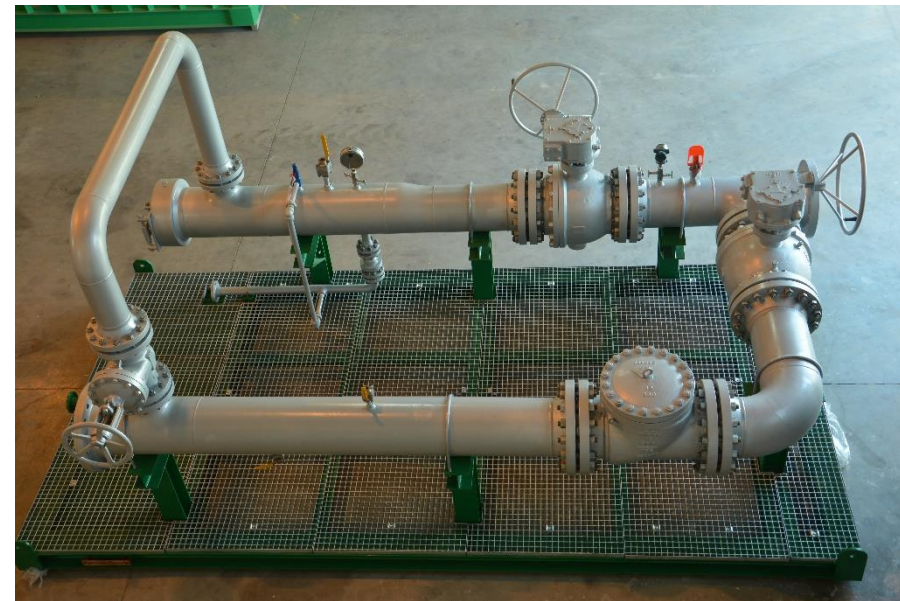
CLIENT: SITEP

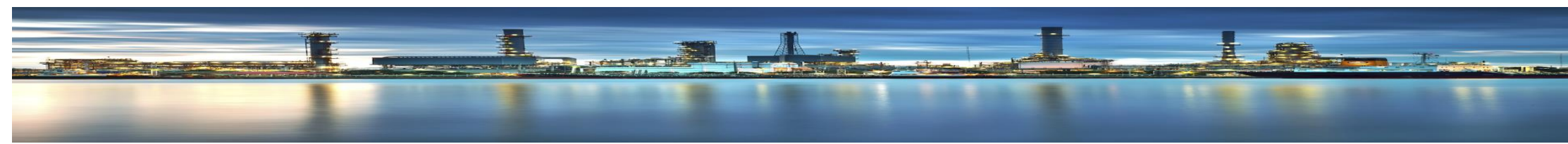
YEAR:2021

LOCATED: EL BORMA-TUNISIA

SOW:The design, manufacturing, supply and commissioning of two complete PIG Launcher and Receiver, size 14 " X 12 " mounted on skid, equipped with:

- ❑ Quick opening closure, valves, instruments and pig signaler





## **PROJECT** : INSPECTION AND REPAIR OF CPF CONDENSATE REBOILER

**CLIENT:** OMV

**YEAR:**2021

**LOCATED:** TUNISIA

**SOW:-** Reception, handling, dismantle of Tube bundle and preparation for inspection

- Cleaning of Tube bundle and shell
- Inspection
- Pneumatic Test tube by tube
- Identification of the defective tubes.
- Defective tube plugging if the number is inferior to 50% of total.
- Fitting of repaired tube bundle inside new CS shell if the number of defective tubes is inferior to 50% of total
- Repair of old shell
- Transportation to site







## **PROJECT : LINE HEATER REPAIR** (internal coils and fuel gas line)

**CLIENT:** OMV

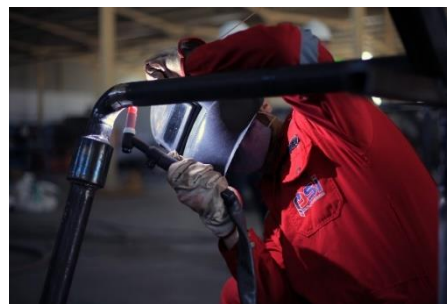
**YEAR:**2020

**LOCATED:** TUNISIA

**SOW:**

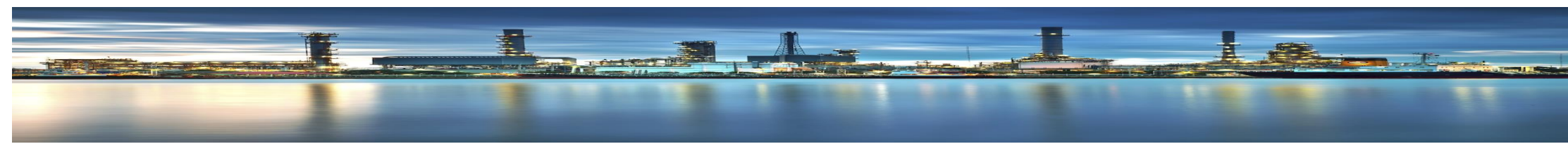
- The design, engineering, fabrication Inspection and testing, surface preparation and painting
- certification, **ASME stamp**
- Shop inspection and tests in accordance with the Supply Specification, Inspection

### **BEFORE REPAIR**



### **AFTER REPAIR**





## PROJECT : VAPOR RECOVERY UNIT

CLIENT: MAZARINE

YEAR:2020

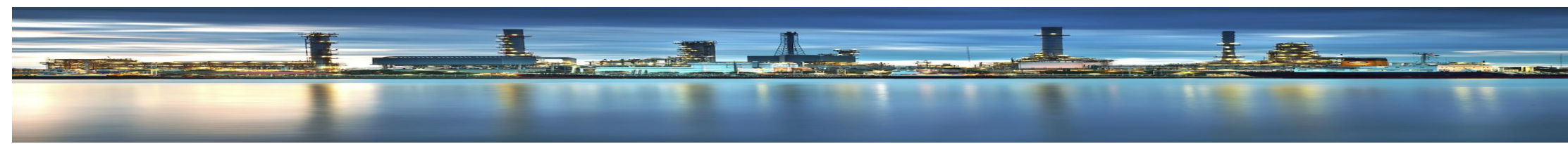
LOCATED: TUNISIA

SOW:

- Design & Detailed Engineering
- Material Supply
- Fabrication, manufacturing and assembly
- Quality Assurance and control
- Tunisian Third party inspection and verification
- Factory acceptance tests
- Inspections, testing and examinations as required by Company specifications, National and international standards and this requisition.
- NDT and hydrotest, as required by the Tunisian regulation
- Spare parts for installation, commissioning and start-up







## PROJET :SUPPLY OF 08 CHEMICAL INJECTION SKIDS

CLIENT: SONATRACH

Year:2020

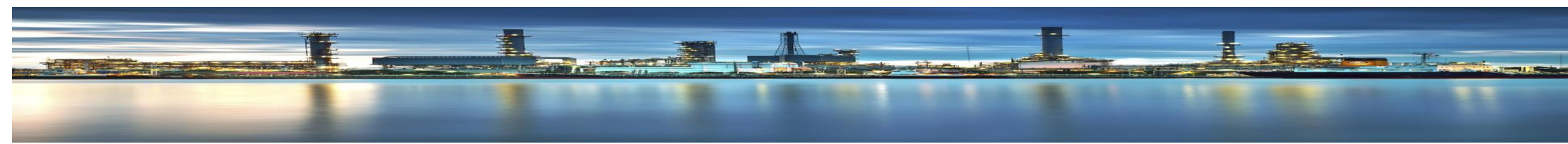
LOCALTED: COMPLEXE GL2Z ALGERIA

SOW:The supply of four (04) trisodium phosphate chemical injection systems and four (04) oxygen reducing chemical injection systems

- Supply four (04) Trisodium Phosphate injection system for ABB 770UA / UB / UC / UD boilers
- Supply four (04) injection system of the Oxygen reducer for the ABB 770UA / UB / UC / UD boilers
- Supply a batch of spare parts for a period of two (02) years of operation of the Supply.
- Perform equipment tests in the manufacturer's workshops.
- Assistance to the commissioning of equipment in the customer site.







## **PROJECT** : 12 Complete Chemical Injection Skids For Oil System

**CLIENT:** GROUPEMENT BERKINE: SONATRACH ANADARKO.

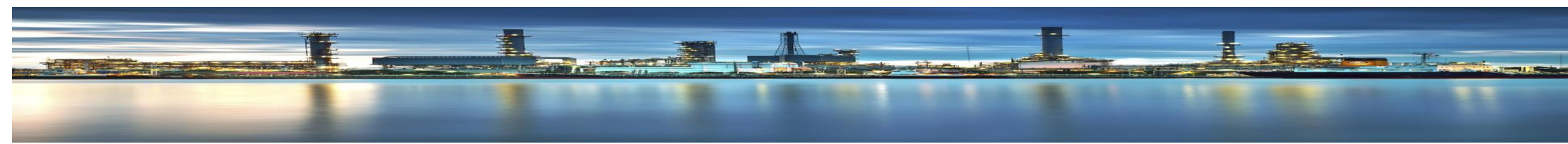
**YEAR :** 2019

**LOCATED IN:** ALGERIA

**SOW:** The design, procurement, fabrication, assembly, inspection, testing, of Twelve(12) chemical injection packages fully equipped for oil system.







## **PROJECT** : DESIGN AND SUPPLY OF A FOAM SKID

**CLIENT:** SONATRACH

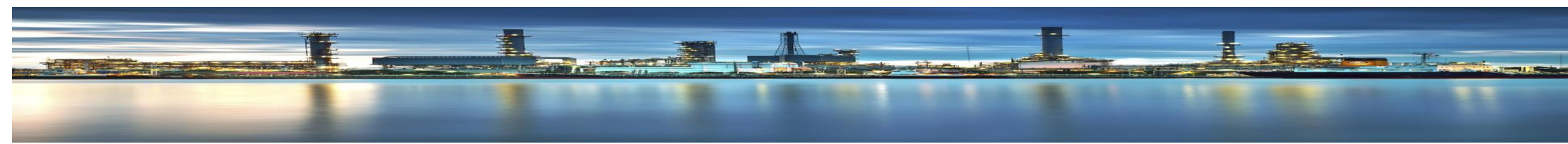
**YEAR :**2019

**LOCATED IN:**ALGERIA

**SOW:** DESIGN, SUPPLY, FABRICATION, COMMISSIONING AND START UP OF DIESEL FOAM SKID.







## PROJECT : SUPPLY OF PRESSURE REDUCING STATION

CLIENT: ENI

YEAR :2019

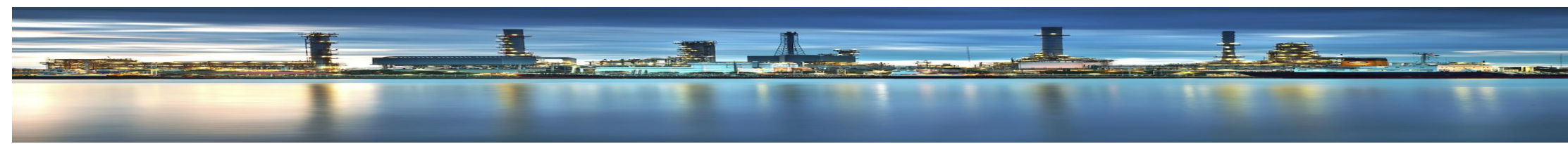
LOCATED IN: OUED ZAR-TUNISIA

SOW: The design materials, fabrication, assembly, inspection and testing of the pressure reducing skid

- Two Pressure Control Valves
- Pressure Indicators with manifolds
- Manual isolation valves
- On-skid piping and fittings
- Material for steel structure works (skid frame and piping supports, lifting lugs, etc.)
- Special lifting equipment for transportation
- Construction and commissioning & start-up spares







## PROJECT: SUPPLY OF 09 CHEMICAL INJECTION SKIDS

CLIENT: SONATRACH

YEAR: 2017/2018

LOCATED IN: GL2Z COMPLEX BÉTHIOUA ALGERIA

SOW: Supply of 03 anti-scale and anti-foam chemical injection systems for 2010L / A / B/ C desalters and 06 MEA (x32l) anti-foam chemical injection systems for GL2Z complex:

- Supply of 03 anti-scale / antifoam injection systems for 2010 LA/ LB /LC desalters: tank, agitator, metering pumps, piping fittings, instrumentation and accessories
- Supply of 06 mea x32l antifoam injection systems: tray, agitator, metering pumps, piping fittings, instrumentation and accessories.
- Supply of a lot of spare parts for a period of 02 years of operation of the supply realization of tests (FAT) in psi workshops
- Commissioning assistance in PSI workshops





## **PROJECT** : SUPPLY OF 04 PIGs LAUNCHER & RECEIVER (10'' & 12'')

**CLIENT:** IOS / FOUR QUEST ENERGY / SONATRACH

**YEAR :** 2017/2018

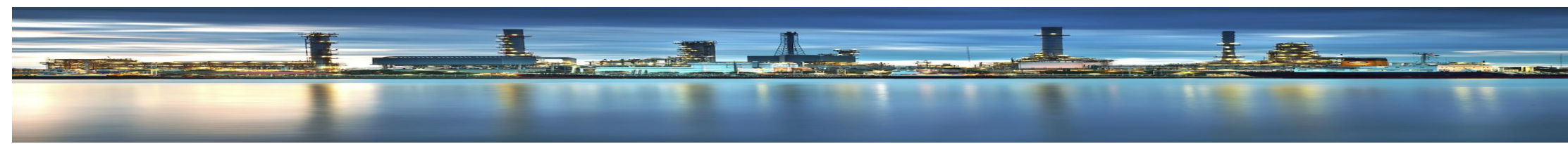
**LOCATED IN:** ALGERIA

**SOW:** Engineering , design, supply, manufacturing, testing and inspection  
of 04 pig launcher & receiver

- PIG LAUNCHER 10'' CLASS 150
- PIG RECEIVER 10'' CLASS 150
- PIG LAUNCHER 12'' CLASSE 150
- PIG RECEIVER 12'' CLASSE 150







## **PROJECT:** SUPPLY OF BIOCIDES CHEMICAL INJECTION SKID

**CLIENT:** EPPM / AGIP-SONATRACH

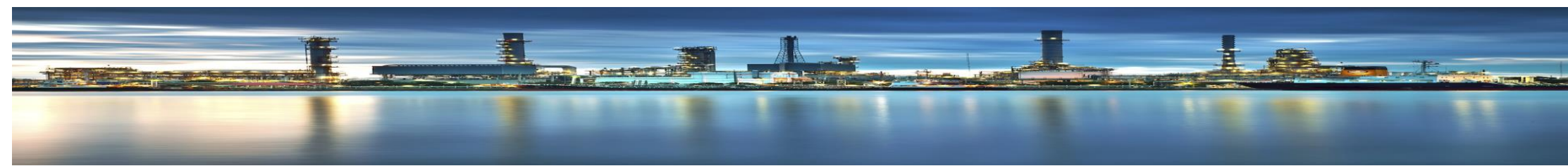
**YEAR:** 2016

**LOCATED IN:** NORTH OF BIR-REABAA -ALGERIA

**SOW:** Engineering, manufacturing, inspection and testing of the chemical injection packages fully equipped as detailed below:

- Chemical storage tank capacity 2 m<sup>3</sup> 316l stainless steel.
- Chemical injection pumps, and motors
- Lot of instrument & electrical equipment for measurement and control
- Tubing, fitting, and valves
- Skid structures with drain pans





## PROJECT :GATHERING SYSTEM PIG TRAPS

CLIENT: MEDCO ENERGI

YEAR:2015

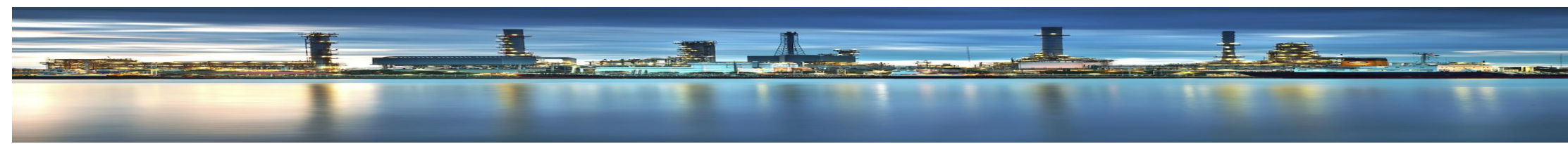
LOCATED IN: REMADA - TUNISIA

SOW: Engineering, design, manufacturing, testing, inspection, packaging and supply of 06 pig traps to be used for gathering system flow lines, complete with components and accessories.

- Two (02) Pig Launcher 16"x14" Class 300
- Two (02) Pig Receiver 16"x14" Class 300
- One (01) Pig Launcher 16"x12" Class 300
- One (01) Pig Receiver 16"x12" Class 300







## **PROJECT:** SUPPLY OF THREE PHASE INLET SEPARATOR MBD-100

**CLIENT:** MEDCO ENERGI

**YEAR:** 2014

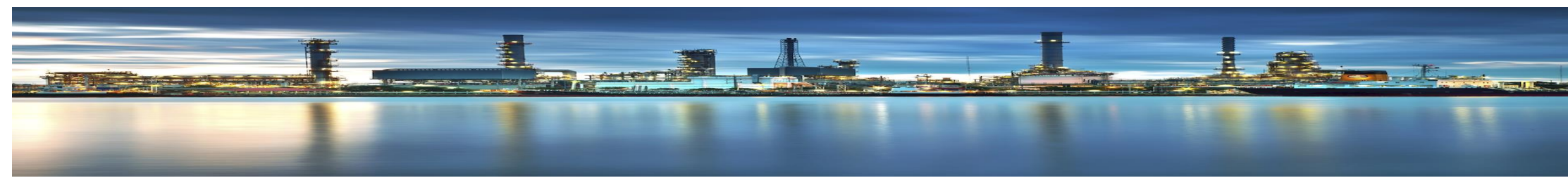
**LOCATED IN:** SOUTH TUNISIA

**SOW:** Design, supply, manufacturing, testing and installation of a three phase separator MBD-100.

the separator package include :

- Tank with its internals
- Platform, pipe supports and instruments
- Lot of pipes and manual valves
- External painting
- Lot of measuring instruments, control and regulation
- Lot of electrical and accessories
- Third party inspection





## **PROJECT:** EPC OF A METERING SKID

**CLIENT:** TPS

**YEAR:** 2010

**LOCATED IN:** SFAX- TUNISIA

**SOW:**

Engineering, procurement, manufacturing,  
commissioning and start up







# ELECTRICITY & INSTRUMENTATION EQUIPMENT



## **PROJECT:** SUPPLY OF 54 WELLHEAD CONTROL PANELS AND SPARE PARTS

CLIENT : SONATRACH / PRODUCTION DIVISION

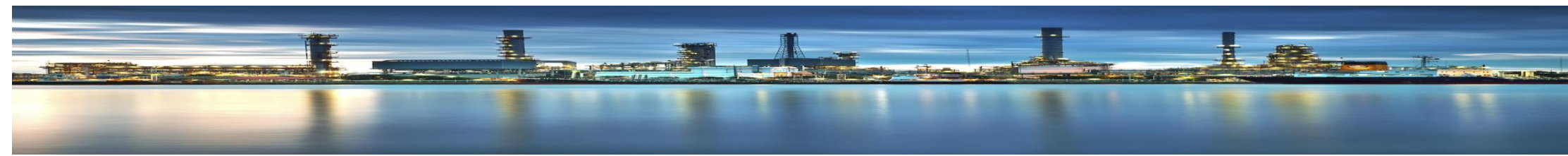
YEAR : 2019

LOCATED IN : ALGERIA

SOW : Engineering , management, procurement, manufacturing, control and delivery of 54 Wellhead Control Panels and Spare Part







## PROJECT: 11 LV POWER DISTRIBUTION PANELS

CLIENT : REELEC / SONATRACH

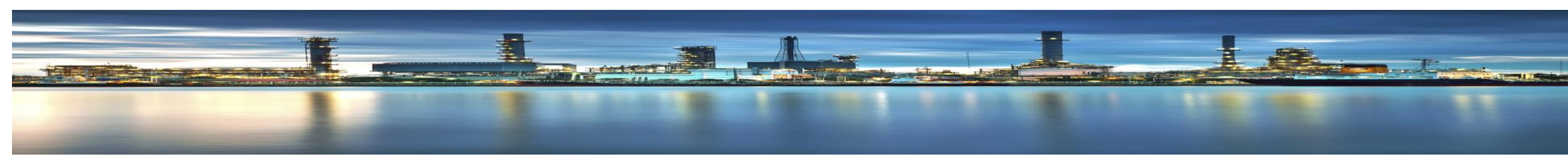
YEAR : 2018

LOCATED IN :ALGERIA

SOW : Engineering and supply of 11 low voltage switchgear and power management system

- ✓ GHARDAIA TGBT
- ✓ Secured Table
- ✓ Table TS1 Pumping Fuels 1
- ✓ Table TS2 Pomperie Fuels 2
- ✓ Table TS3 Pomperie Fuels 3
- ✓ Table TS4 Rescue Motor Force
- ✓ Tableau TS5 Pomperie RAI Secouru
- ✓ Instrumentation table
- ✓ Table TS6 Lighting Cabinets Rescue
- ✓ TSA Table Power Unsupported Power
- ✓ Compensation Cabinet
- ✓ Distribution Box Wash Station





## PROJECT: LV POWER DISTRIBUTION PANEL AND CENTRALIZES MANAGEMENT SYSTEM

CLIENT : REELEC/SONATRACH

YEAR : 2017/2018

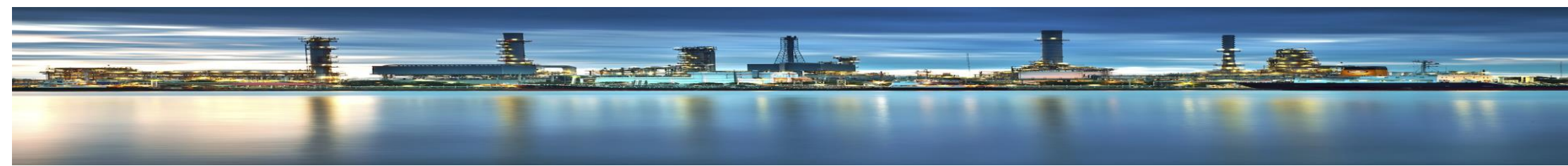
LOCATED IN:ALGERIA

SOW :Manufacturing of a general low voltage table supply and centralized management system.

- Manufacturing of a general low voltage switchgear with LV 400V withdrawable circuit breakers; IP 42; equipped with an automatic inverter system with 250KVN 400 V power circuit breakers
- Provision of a centralized management system for the electrical installation from the control room
- Supply of a lot of spare parts
- Installation and commissioning







## PROJECT: 20 CONTROL/DCS PANELS

CLIENT: IINTEGRATION OBJECTS / OMV

YEAR: 2017

LOCATED IN: SOUTH TUNISIA (NAWARA PIPELINE)

SOW:

- Design
- Supply of electrical equipment's and accessories
- Manufacturing of control panel,PLCS
- Factory Acceptance Test (F.A.T), continuity test, dielectric test, functional test
- Site Acceptance Test (S.A.T), visual check ,running test
- Installation and wiring of 20 control panels and PLC'S
- Pre-commissioning, commissioning and start up





**PROJECT:** EPCI OF ELECTRICAL & TRANSFORMER ROOM

**CLIENT:** BEENDER / ENI CONGO

**YEAR:** 2010

**LOCALTED:** CONGO






**SOW:**

- Design and supply of electric room equipped with a General distribution panel - 3200A
- Design and supply of electric room equipped with transformer 3750 KVA
- Project management and coordination with contractors
- Pre-commissioning, commissioning & start-up assistance
- Provision of a production and maintenance team for two years,









## ONGOING PROJECTS 2022-2023

Name of the Project	SOW	Customer	Country
<p>construction of four liquid hydrocarbon pipelines for the SMH port depot and an LPG pipeline to supply gas company depots</p>	<p>PSI will be responsible for all earthworks, civil engineering and roadworks, as well as the electrical and instrumentation work required to prepare, execute and complete the project in accordance with international and local standards.</p> <p>The hydrocarbon pipelines consist of :</p> <ul style="list-style-type: none"> <li>▪ A 1.5 km line of 10" SCH STD in A106 GrB pipe for the transport of Gasoil &amp; Petrol</li> <li>▪ A 1.2 km line of 10" SCH STD pipe in A106 GrB for transporting kerosene</li> <li>▪ A 1.5 km 10" SCH STD pipe line in A106 GrB for transporting Fuel Oil (HFO)</li> <li>▪ A 5.5 km 10" SCH STD pipe line in A106 GrB for transporting LPG</li> <li>▪ A 1.5 km water pigging line in 6" SCH STD pipe in A106 GrB</li> </ul>		<p>MAURITANIA</p>
<p>Supply and assembly of electrical equipment for the Laroussia dam</p>	<p>The supply, assembly (installation and connections) and commissioning of all the electrical equipment, instrumentation and automation necessary for the rehabilitation of the Laaroussia dam</p>		<p>TUNISIA</p>
<p>Call-Off from 01/07/2020 TO 31/08/2023</p>	<p>Mechanical, Electrical and instrumentation works in South.</p>		<p>TUNISIA</p>
<p>Call-Off from 01/01/2022 To 31/12/2023</p>	<p>Electrical and instrumentation maintenance service in the different sites of ENI Tunisia</p>		<p>TUNISIA</p>
<p>ITT 0262 TND -Provision of construction services fro Hasdrubal and Miskar Assets for 06 months</p>	<p>The provision of construction SERVICES at both APO operated facilities and PSI premises, including construction engineering, shop fabrication, site installation and maintenance support.The requested SERVICES will be delivered at all COMPANY facilities including but not limited to Hasdrubal platform, Hasdrubal terminal, pipelines, BenSahloun, Gabes LPG facilities, the block valves stations Miskar Platform, Hannibal plan and Trapsa terminal.</p>		<p>TUNISIA</p>

## ONGOING PROJECTS 2022-2023

Name of the Project	SOW	Customer	Country
3929-00-MH-22 Inhibitor Skids	The engineering, design, manufacture and testing of 20 corrosion inhibitor injection skids for the 20 production wells as part of the North Berkine project ZOI phase 2 & OZOI gathering system Each chemical injection system will be mounted on a skid transportable equipped with four (04) lifting points and will be equipped with its own solar system which will be the only source of energy ensuring the supply of installation.		ALGERIA
Prefabrication and General Construction Works – From 01/04/2021 To 30/06/2024	NAWARA CPF Prefabrication and General Works- Rental of Engines, Supervisors & Skilled Workforce Secondment		TUNISIA
Supply of Pig Launchers /Pig Recievers	The engineering, manufacturing, installation, inspection, documentation, monitoring, factory testing, packaging for shipping and delivery of fixed/mobile PIG LANCHER/RECIEVER stations, The pigs stations to be installed will be two types: 6 fixed and 2 mobile. The mobile pig stations are intended for crude hydrocarbon liquid service,.		ALGERIA
SUPPLY OF 73 SKIDS	The fabrication, assembly, inspection, testing, shop, marking, testing documentation of 73 CORROSION INHIBITOR INJECTION SKID fully equipped, for installation		FRANCE
PUMPING SKID	installation and assistance commissioning of a centrifugal electric pump on skid equipped with its system control for shipment of raw in El Borma	