

## Abdelkarim M'RAIAGH

33 years Born 1<sup>st</sup> March 1984

French Nationality

Adress : Lyon ( France)

Phone : + 336.21.17.11.90

a.mraiagh1@gmail.com

Completion / Instrument  
Commissioning Engineer

## PROFESSIONNAL CAREER

2012 / 2016 **TOTAL EXPLORATION & PRODUCTION ANGOLA** (Oil & Gas) *Field operation team*

See  
Appendix

- From 01/2016 to 06/2016 (6 months) : PBF (Project Brown Field) entity / Bloc 17 GIRASSOL & DALIA FPSO  
**HANDOVER & COMPLETION ICAPS COORDINATOR** : follow up of pre-commissioning & commissioning progress dossiers
- From 09/2014 to 12/2015 (15 months) : PBF (Project Brown Field) entity / Bloc 17 GIRASSOL & DALIA FPSO  
**COMMISSIONING INSTRUMENT TEAM**  
Carry out commissioning of instruments systems ensuring completion of commissioning procedures and all associated test and check
- From 08/2012 to 08/2014 (2 years) : PBF entity / Bloc 17 Extension of GIRASSOL, DALIA & PAZFLOR FPSO  
**COMPLETION ENGINEER / ICAPS ADMINISTRATOR**: Preparation and follow up of pre-commissioning & commissioning progress on the ICAPS (Integrated Commissioning and Progress System) software, OPERCOM methodology for PBF entity

2010 / 2012 **SNC LAVALIN** (Engineering & Construction / Commissioning services )

(2 years)

- Client : **TOTAL EXPLORATION & PRODUCTION RUSSIA** (Oil & Gas) - 3 months  
**KHARYAGA Phase III project**: CPF upgrade  
**COMPLETION ENGINEER / ICAPS ADMINISTRATOR**: Preparation and follow up of pre-commissioning & commissioning
- Client : **VERRALIA** (Glass plant) - 2 months (Argentina)  
**RAYEN CURA 3 project**: Construction of the third furnace for the production of bottles  
**COMPLETION ICAPS COORDINATOR**: implementation of Opercom methodology ICAPS preparation and follow up of pre-commissioning & commissioning activities.
- Clients : **FRIEDLANDER & TOTAL EXPLORATION & PRODUCTION ANGOLA** (Oil & Gas) - 4 months  
**GIRRI Phase 1 project**: Brownfield of GIRASSOL FPSO  
**PRE-COMMISSIONING ICAPS COORDINATOR**: ICAPS preparation and follow up of pre-commissioning & test packs activities
- Client : **GRT GAZ / Engie** (Gas) - 1 year ½ (France)  
**OSCAR 2 project**: Gas compression plant (2 electro-compressors of 22 MW)  
**COMPLETION ICAPS COORDINATOR**: ICAPS preparation and follow up of pre-commissioning & commissioning activities

2007 / 2010 **CEGELEC** (Engineering, Maintenance and Services in the energy)

(3 years)

- Client : **BLUESTAR SILICONE** (Silicone plant) - 7 months ( France)  
**MAINTENANCE INSTRUMENT**  
Preventive and curative maintenance of the sensors, transmitters, control valves ...
- Client : **GRT GAZ** (Gaz de France) - 1 year and 2 months (France)  
**OSCAR 1 project**: Gas compression plant (2 electro-compressors of 15 MW)  
**COMPLETION ICAPS COORDINATOR**: ICAPS preparation and follow up of pre-commissioning & commissioning
- Client : **ARKEMA** (plastic plant ) - 1 year ½ ( France)  
**MAINTENANCE INSTRUMENT**  
Maintenance of equipments and plant shutdowns preparation (up to 8 instrumentation technicians)

## FURTHER INFORMATIONS

**Level BTS CIRA** (advanced vocational training of control industrial and regulation automatic) - **2004/2006**

**BTECH Level 3 diploma** (Science and Technics industrial process : Option Control & Régulation Instrumentation) - **2004**

Pack Office: Word, Excel, Power Point

Languages: French - English

**BOSIET HUET** valid until October 2017; **Electrical safety training:** B2V – BR – HO

## ANNEXE TECHNICAL APPENDIX

### Detailed presentation of TOTAL experiences

#### TOTAL EXPLORATION & PRODUCTION ANGOLA (Oil & Gas) *Field operation team*

---

Total PBF ( Projects BrownField) is a new entity created by Total E&P Angola to increase recovery rates on bloc 17 ( optimizing existing installation and developing satellite fields).

The commissioning is done by Total and EPC ( Engineering , Procurement and Construction) by contractors.

- Angola

  - From 01/2016 to 06/2016: PBF (Project Brown Field) entity / Bloc 17 GIRASSOL & DALIA FPSO Girri Project  
**HANDOVER & COMPLETION ICAPS COORDINATOR :**
    - Update ICAPS database
    - Ensure that contractors are working in accordance with Total General Specification
    - Review of pre-commissioning dossiers from contractors at ready for commissioning status
    - Prepare the commissioning dossiers at AOC status
    - Prepare of handover dossiers for transfer to operations & maintenance
    - Punch lists follow up
- Angola

  - From 09/2014 to 12/2015 (15 months) : PBF entity (Project Brown Field) / Bloc 17 GIRASSOL & DALIA FPSO  
**COMMISSIONING INSTRUMENT TEAM** / Daily reporting to the lead Instrument  
Carry out commissioning of instrument systems ensuring completion of commissioning procedures and all associated test and check
    - **Preparation and follow up of pre-commissioning et commissioning dossiers for instrument part**
      - Participate & review the ICAPS database
      - Review of pre-commissioning dossiers from contractors at ready for commissioning status
      - Prepare the commissioning dossiers at AOC status
    - **Pre-commissioning and commissioning execution**
      - Witness the construction and Pre-commissioning activities
      - Ensure that contractors are working in accordance with Total General Specification
      - Loop checking of instruments (Valves , transmitters, Fire & Gas devices ...)
      - Execution of OTPs (operational test procedure) : Fire & Gas , Inergen , FOAM
      - Review the Commissioning dossiers at AOC status
      - Follow-up / issue green line markups
      - Review, follow-up and propose remedial action of project's punch lists
      - Ensure proper care and preservation of equipment (prior to handover to operation)
      - Apply safety rules
- Angola

  - From 08/2012 to 08/2014 (2 years) : PBF entity/ Bloc 17 Brownfield of GIRASSOL, DALIA & PAZFLOR FPSO  
**COMPLETION ENGINEER (ICAPS ADMINISTRATOR) FOR PBF ENTITY**  
Implementation of Completion strategy - Preparation and follow up of pre-commissioning & commissioning dossiers
    - **Definition of requirements for deploying ICAPS for PBF entity**
      - Implementation of ICAPS database on SQL server with access via CITRIX for all users with IT team
      - Management of the functioning of ICAPS for Total and contractors users (ICAPS access)
      - Writing of procedures related to completion (ICAPS procedure, pre-commissioning & commissioning dossiers ...)
      - Management of PBF projects databases: Girri phase 1 & 2, Acacia Infills, Dalia 1A (Topside & Subsea)
      - ICAPS training for users read only

- **Preparation and follow up of pre-commissioning & commissioning dossiers**
  - Participation in the definition of system & sub-systems limits and issuance of mark up (PID,...)
  - Preparation & update ICAPS databases according to the progress of engineering
  - Preparation of pre-commissioning , commissioning dossiers & punch lists follow up
  - Coordination with disciplines leaders
  - Issuance daily , weekly and monthly of ICAPS progress report

**CEGELEC** (Engineering, Maintenance and Services in the energy)

---

France

- Client : **ARKEMA** (plastic plant ) – 2007 / 2008 (1 year ½)  
**MAINTENANCE INSTRUMENT**  
 Maintenance of equipments and plant shutdowns preparation (up to 8 instrumentation technicians)
  - **Preventive and curative maintenance of sensors, transmitters and valves**
    - Location and troubleshooting, repair or replacement of defective organs
    - Mise en service et contrôle des conditions normales d'utilisation
    - Writing technical reports ( for client) on interventions
    - Proposal of technical improvements or equipments changes ( anticipation )
    - Apply safety rules ( chemical risks...) and quality
  - **Plant shutdowns preparation (Management of instrumentation team : 8 technicians)**
    - Purchase of equipment for replacement of instruments
    - Loop checking of instruments ( valves ,transmitters and sensors ...)
    - Client assistance of startup facilities (troubleshooting in case of problem ...)