

* **Name and Surname**: Guizani Mohamed Ali
* **Nationality**: Tunisian

**- Occupation**: **Construction & Quality Superintendent /Completion & Commissioning Lead Engineer**

* **Date and place of birth**: 22/06/1982 in Tunis
* **Adresse** : 04 - Rue Jean Rousse 5100 Mahdia - Tunisia
* **Nb. of years of experience**: **18 Years**
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##### MAIN QUALIFICATIONS:

1 / Design and Basic Studies of various Plants such: Power Plant, Oil and Gas, Water Treatment, Brown and Green Fields...

2 / Detailed engineering study for various installations: Piping, Structure, Equipment’s, Pumps, Heaters, Rotative machines…

3 / Mechanical, Piping & Steel structure Site Installation Superintendent.

4 / Piping & Mechanical Quality Inspector (NDT: Penetrant Testing, Visual Testing, Magnetic Testing, Ultrasonic Testing…)

5 / Quality Manager (ITP, P-WPS, NCR, TQ, Punch list, Test pack, Check List, KPIs, SAT & FAT Reports...).

6 / Coordination between Construction & Engineering departments for different Site construction & Site Engineering issues.

7 / Mechanical Completion Manager & Commissioning Superintendent.

8/ Installation & Trouble shooting of various Rotating machines & Equipment’s such: Pumps, Burners, Heater, Fans, Hvac,.).

9/ Knowledge ASME B31.3, B31.4, API 650/653/630, CODAP, CODETI, CODRES, NFPA, NORSK, SHELL DEPs...).

##### DIPLOMAS :

-   Experimental Sciences Baccalaureate in 2002.  
- Industrial Maintenance Engineer in 2006.

- Diploma in CAD WORX (Plant, Isogen, PID) in 2008  
-  Diploma in AUTO CAD 2D and 3D in 2007.  
-  Diploma in PDMS (Plant Design Management System) in 2009.

##### SUPPLEMENTARY TRAINING /INTERNSHIP :

- Senior Technician Internship within the Cooperative Agricultural and Industrial Manufactory.

- Engineer Internship in the Tunisian Company of Electricity and Gas (STEG).

- Training on software design (CAD Worx Plant, Isogen, Structure & Equipment, PDMS).

- Industrial Safety Training and Fire Safety.

- Training quality ISO 9001 and 14001.

-  Permit to Work and Lock Out Tag Out (LOTO) Training (in Qatar Energy Department in DUKHAN Area).

- Electrical (H0B0) and H2S Training.

- Confined Space and Working at Height Training.

- Training on organizing documents (Works on network, LOTUS, Posts Popup II, Intranet).

1. **LIST OF DIFFERNT JOBS :**

- Mechanical Completion Manager and Commissioning Superintendent.

- QA / QC Manager (KPI, QCP, WPS, ITP Reports, Check lists, NCR reports, NDT reports VT, PT, UT, PMI...).

- Site Construction & Test Pack Coordinator (Site Installation).

- Industrial Designer and Installer in Office study (Preparation drawings, Standard, Mechanical specifications ...).

- Mechanical Preparator (Organization of work, tasks distribution, coordination between engineering office, site & store).

- Piping and Mechanical Inspector.

**-** Piping and Mechanical Draftsman.

1. **DETAILED PROFESSIONAL EXPERIENCE:**

**January 2023 - March 2024 COMPANY: JESA (Worley Pearson)**

 **CLIENTS: OCP**

**PROJECTS:** **Desalination (RO) & Phosphate Wash plant Laayoune – Morocco**

**\*/Principal Commissioning Superintendent**

- Responsible for commissioning & overseeing the installation of systems, plants & equipment’s

- Manage smooth commissioning by Coordinating between the company & the Contractors.

- Supervise and approve commissioning plans in accordance with project guidelines.

- Review designs and supervise onsite commissioning activities.

- Prepare and maintain commission records of site observations, testing processes & checklists.

- Assist in summarizing and updating commission records.

- Schedule and supervise operational reviews in association with functional staff.

- Working for the owner’s team during the commissioning stages of RO Desalination Plant.

- Commissioning from chemical systems include chemical pumps.

- Preparation of the Mechanical Completion, Commissioning &, Start-up Hand Over Dossiers

- Commissioning and start up for RO systems.

**January 2023 - March 2024 COMPANY: Paul Wurth / SMS group GmbH**

**** ** CLIENTS: Tosyali - Midrex**

**PROJECTS:**  **Direct Reduction Iron Pant No2 (DRI - Midrex) - Oran– Algeria**

**\*/Construction Superintendent**

- Supervision the erection of Steel structure Furnace Tower Approx. 134 meters.

- Supervision the erection of Steel structure such: (Reformer, Heat Recovery, Pipe Rack...

- Supervision the erection of piping such (Carbon & Stainless steel, PEHD, Galvanized…).   
 - Installation of different equipment’s such: (Furnace, Dust Collection, Cooling Tower, Gas

scrubber Gas compressors, Flares, Reformer, Pumps, Gas Separator, Mist Gas eliminator...

- Conduct the weekly meetings with Contractors, client, Third party…).

- Coordinate with Engineering Department to make some modifications on site.

- Coordinate with Planner Engineers to fix and review the progress of the project

- Coordinate with safety département for the specific Hazards activities on site and to sign

the required Permit to work such (working at high, confined space, welding, excavation…).  
 - Assuring all relevant tolerance and Quality requirements for the installation.  
 - Coordination & Preparation of the all activities work with Subcontractor & Client.  
 - Assist of all Pre-Commissioning & Commissioning activities such Hydro test, Blowing,

Chemical Cleaning, Oil Flushing, Dewatering, Drying, Rotative machine alignment…  
 - Checking all related documentations for the construction & Commissioning activities.

**Feb. 2022 -January 2023 COMPANY: Blackcat Company**

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Description automatically generatedLogo, company name

Description automatically generated **CLIENT: Qatar Energy**

**PROJECT:** **Dukan Production Facility Upgrade (DPFU) – Qatar**

**\*/Completion & Commissioning Lead Engineer**

- Implementation of Mechanical Completion System and Mechanical Completion database.

- Promote all necessary actions in order to provide systems/subsystems final completion, for

subsequent Hand Over to the downstream Pre-commissioning works.

- Monitor that systems/subsystems are completed according to the priority defined in the

Completion and commissioning schedule.

- Ensure the progress updating for certification completion and punch list Close-Out.

- Ensure Client involvement to obtain the approval of MC & RFC Certificates (Hand Over).

- Preparation of the Mechanical Completion (MCC), Commissioning (RFC), Start-up (RFSU)

Equipment Hand Over (EHOC) Final Dossiers and adequate certificates & check list (PSSR).

- Assist with vendor for all commissioning and Performance Tests on site (SAT).

- Walkdown with client and negotiate all punch items category. (A1, A2, B1, B2...).

- Participate in the weekly meeting with client to discuss all issues related to commissioning.

**April 2020 - December 2021**  **COMPANY: SAIPEM**



**CLIENT: PDO (Petroleum Development Oman)**

**PROJECT:** **Duqm Project - Package 3 – Offsite Phase - Oman**

**\*/Completion Manager**

- Implementation of Mechanical Completion System and Mechanical Completion Procedures.

- Coordinate all inspections, monitor required tests and log inspections made to meet the

Contract Plan and Contract Specifications.

- Meet with the Client's representatives to conduct day-to-day quality related project activities.

- Manage the production & achievement of completion documentations.

- Coordinate with the Commissioning department / Planner to ensure that TAKE OVER

provides satisfactory input to update CSU schedules.

- Handover completion Dossiers to client.

- Ensure implementation, monitoring the check sheets and Punch lists.

- Follow-up detailed Pre-commissioning, Commissioning & Start up requirement.

- Follow up the vendors activities and ensure the provider of all necessary reports.

- Ensure timely availability of Systems & Sub-systems in a Mechanical completion status

- Sign the necessary reports (Check sheet, RFIs, Punch list...) & the Mechanical completion

Certificates with Client.

**June 2019 – April 2020**  **COMPANY: SPIECAPAG**

Diagram

Description automatically generated  **CLIENT: TAP (Trans Adriatic Pipeline)**



**PROJECT:** **Trans Adriatic Pipeline – Albania**

**\*/ Construction Quality Manager.**

- Implement the QA/QC management system at site.

- Elaborate, Preparing & review all quality documents of the project (PQP, QCP, ITP, NCR…).

- Monitoring the production line and doing periodic Quality Control checks.

- Working together with project leaders to discuss solutions related to quality issues & KPIs.

- Review the quality of all materials at site and ensure compliance to all project specifications

- Supervise effective implementation of all test and inspection schedule and ensure adherence

to all procedures and coordinate with various teams to perform quality audits on processes.

- Coordinate all inspections, monitor the required tests and record inspections & tests made

to meet the Contract Plan and Contract Specifications.

- Meet with the Client's representatives to conduct day-to-day quality related project activities.

- Manage the production & achievement of Completion documentations.

- Coordinate with the Commissioning department / Planner to ensure that TAKE OVER

provides satisfactory input to update CSU schedules.

- Ensure implementation, monitoring the check sheets and Punch lists.

- Handover Quality & Completion Dossiers to client.

**December 2018 - June 2019**  **Company: Bouygues – DTP**

C:\Users\SUP.ELECTRIQUEGUINEE\Desktop\Database Initialisation\Logos\Bouygues TP.jpg C:\Users\SUP.ELECTRIQUEGUINEE\Desktop\Database Initialisation\Logos\GAC.jpg **Project:**  **Guinea Bauxite Export Project** – **Guinea Conakry**

**Client:** **EGA – GAC**

**\*/Mechanical Commissioning Superintendent**

- Elaborate all folders of the Pre-commissioning & Commissioning Systems &Sub-systems.

- Prepare the Commissioning Procedures; Operate Test Plan (OTP´s); Method of statements

Check lists, Functional Tests Sheets, Punch lists for each Systems and Sub-systems.

- Review all procedures; OTP´s; ITR´s; of the vendors and whiteness site activities (SAT).

- Performs and supervises the analysis of repair orders, relative to resources, material tools,

methods required; time estimated, manpower requirements & material requisitions.

- Plans & directs all commissioning activities to mechanical equipment including oil flushing,

final alignments of rotating equipment’s during commissioning as required.

- Responsible for the quality of all work performed in mechanical department.

- Evaluates performance of all personnel assigned to his area.

- Responsible for troubleshooting of equipment as required.

**Nov. 2016 – Nov. 2018 Company: Paul Wurth**

**  Client:** **TOSYALI**

**Project:**  **Direct** **Reduction Iron & Reverse osmosis Plant (Oran– Algeria).**

**\*/Construction Superintendent**

- Supervision the erection of Steel structure Furnace Tower Approx. 134 meters.

- Supervision the erection of Steel structure such: (Reformer, Heat Recovery, Pipe Rack...

- Supervision the erection of piping such (Carbon & Stainless steel, PEHD, Galvanized…).   
 - Installation of different equipment’s such: (Furnace, Dust Collection, Cooling Tower, Gas

scrubber Gas compressors, Flares, Reformer, Pumps, Gas Separator, Mist Gas eliminator...

- Conduct the weekly meetings with Contractors, client, Third party…).

- Coordinate with Engineering Department to make some modifications on site.

- Coordinate with Planner Engineers to fix and review the progress of the project

- Coordinate with safety département for the specific Hazards activities on site and to sign

the required Permit to work such (working at high, confined space, welding, excavation…).  
 - Assuring all relevant tolerance and Quality requirements for the installation.  
 - Coordination & Preparation of the all activities work with Subcontractor & Client.  
 - Assist of all Pre-Commissioning & Commissioning activities such Hydro test, Blowing,

Chemical Cleaning, Oil Flushing, Dewatering, Drying, Rotative machine alignment…  
 - Checking all related documentations for the construction & Commissioning activities.

 **Nov. 2015 – Nov. 2016 COMPANY: Schlumberger**

**CLIENT: OMV**

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Description automatically generated with low confidence PROJECT:** **Anaguid Gathering Point Facility (EFP) – Tunisia**

**\*/ Quality & Mechanical Completion Manager**

**1- QA-QC Manager:**

- Implement the QA/QC management system at site.

- Coordinate all receiving inspections.

- Distribute relevant QA/QC documentation to site sub-contractors.

- Participate in the site internal and external site audits.

- Coordinate all the quality site inspections through the site QC inspectors.

- Control all non-conformance reports (NCR) and undertake remedial action.

- Complete site quality control instructions & action remedial responses in the NCR.

- Elaboration and follow up of QCPs (Quality Control Plan) according the requirements.

- Elaboration and follow up of ITPs (Inspection Test Plan) according the requirements.

- Elaboration the welding procedure (P-WPS; PQR; DMOS; QMOS).

- Coordinate with the site construction manager on all quality issues.

- Coordinate & chair the QA/QC site weekly meetings with the project’s QC personnel.

- Elaborating inspection and test programs of all NDT activities with Third parts.

**2 - Mechanical Completion Manager (Pre-Commissioning)**

- Implement the coding structure and system break down of the project (Marked up, Punch

list template; MC certificate form; list of modification template; As Built docs. & Layouts.

- Prepare and maintain Mechanical Completion and Preservation Schedule for supplier

& Fabrication contractors.

- Promote all necessary actions in order to provide systems/subsystems final completion,

for subsequent hand over to the downstream pre-commissioning works.

- Monitor that systems/subsystem are completed according to the priority defined in the

Pre commissioning / Commissioning schedule.

- Review the final dossiers of quality & mechanical completion prepared by Sub-contractors.

- Prepare of the Pre-commissioning Procedures.

- Prepare all the Pre-commissioning documentations & reports: e.g. (Punch lists, Check list

forms, Inspection Test Records, Certificates...)

- Walk through around each sub-systems with the client and negotiate about the type of

Technical reserves for signing the mechanical completion certificates (MCC).

**Oct. 2014 till Oct. 2015 COMPANY: CHERO PIPING**

****   **CLIENT: GROUPEMENT SONATRCH AGIP**

**PROJECT:** **SLUG CATCHER SEPARATOR - Algeria**

**\*/ Piping & Mechanical Inspector (QC)**

- Prepare & review all inspections documents (QCP, ITP’s, check list, Test sheets...).  
 - Work closely day to day with the Owner’s field representatives.  
 - Review Contract Specifications and Drawings.  
 - Attend all jobsite and daily Quality Meetings with third parts and Client.  
 - Notification and advise the Management of all quality issues.  
 - Insure adequate corrective measures are implemented in cases of Non Conformity.

- Inspection according to the specification & International code (ASTM, ASME, API…)

- Dimensional Control (Thickness, Diameter, length, roughness…).

- Non-Destructive test (Penetrate test, Ultrasonic, Magnetic…).

- Verification of the Chemical composition of Pipe & Equipment with PMI.

- Control the Insulation operation according to datasheet, standards & specification.

- Control the Blasting operation according to specification and ITP.

- Control the Painting operation according to ITP and Standards.

- Control the Welding operations flowing the WPS, and PQR.

**Nov. 2013 - Septemb.2014 COMPANY: SNC-LAVALIN**

**  CLIENT: STEG (Society Tunisian of Electricity and Gas)**

**PROJECT:** **COMBINED CYCLE POWER PLANT OF SOUSSE 400 MW- Tunisia**

**\*/ Site construction Lead / Test Pack Coordinator**

- Supervision of teams, monitoring and acceptance of works.

- Coordination and control the execution of the work activities.

- Writing and sending the request of Materials.

- Ensure the phasing and scheduling operations with subcontractors.

- Follow the proper conduct of site view of compliance security.

- Participation in workshops for programming and planning of the site activities.

- Make plans for carving the hydraulic tests following the lines list, PID and Isometric.

- Develop the AS-BUILT drawings and Marked up Layouts.

- Detect technical reserves on site for all categories (A, B and C).

- Coordinate with piping Supervisors to complete operations of the erection on time.  
        - Visual inspection of completed welds & notifying to third Part for NDE as per design

- Coordinate with control offices to validate all kinds of reports welding Inspection.

- Complete records concerning hydraulic tests and to sign with the customer and third part.

- Preparation of Procedures, Work Instructions, Daily Welding Report.

- Assist and Control the Hydraulic tests activities.

**Feb. 2013 – Nov. 2013 COMPANY: FRIEDLANDER**

 **CLIENT: KINROSS**

**PROJECT: REVAMPING & EXTANSION OF A GOLD MINE IN MAURITANIA**

**\*/ QA-QC Deputy Manager**

- Conformity of piping fittings & consumables with specifications and certificates.

- Management of the quality team (welding, Piping, Mechanical, Civile & E / I Inspectors).

- Follow up and supervision the erection and fabrication of piping spool’s & supports.

- Elaboration and follow up of ITPs (Inspection Test Plan) according the PQP of the project.

- Preparation of the preliminary P-WPS (carbon steel, stainless steel, Duplex…).

- Welding Qualification Test (PQR, WPQ + NDT request) with the third part.

- Management & follow up of the NCRs.

- Dimensional; verticality, Plumbness, Roundness controls of the steel structure and Tank.

- Welding, Sandblasting and painting Inspection of the steel structure and all tank plates.

- Supervision of erection and follow up of welding activity of the tanks.

- Prepare the NDT programs to the Third part (RT, UT, PT, Vacuum Box, …).

- Prepare method of statements of thank activities: Erection, lifting, hydrotest, painting…

- Assist weekly meeting with the project and site manager and Client.

- Review of Final Quality Dossiers and submit them to the client.

**June 2012 till January 2013 COMPANY: SAIPEM**

 ** CLIIENT: ENI-SONATRACH- FCP**

**PROJCET: MENZEL LEDJMET EAST (MLE) ALGERIA “CPF BLOC 405B’’**

**\*/ Piping & Mechanical Completion Engineer**

- Implementation of Mechanical Completion System and Mechanical Completion database.

- Promote all necessary actions in order to provide systems/subsystems final completion, for

subsequent hand over to the downstream pre-commissioning works.

- Monitor that systems/subsystems are completed according to the schedule.

- Ensure the progress updating for certification completion and punch list close out.

- Ensure Client involvement to obtain the approval of MC & RFC Certificates (Hand Over).

- Supervise and verify the conformity of the pipe and make functional and operational testing

- Ensure that all rotative machines equipment are install, align and managed according to

the project specifications and design, compiling Pre-commissioning /Commiss. procedures.

- Sign the reports of SAT when the activity was performed according the vendor’s procedure.

- Punch list Piping & Mechanical and Instrumentation.

- Test Pack (Hydro Test, Blowing, Flushing, Drying, Nitrogen filling ...).

- Preparation of Mechanical Completion files with the client...

**January 2012 to june 2012**  **COMPANY: EPPM**

** CLIIENT: SPPC (SUDANESE PETROLEUM PIPELINES COMPANY)**

**PROJECT: KHARTOUM - MADANI 12” PIPELINE DETAILED DESIGN**

**\* / Piping & Mechanical Designer**

- Conduct site visits to determine the pending points and points Tie-In.

- Establish process flow diagrams (P&FD and P&ID) with the process department.

- Elaboration the Piping installation & Isometric drawings.

- Make the installationplans and detailed drawings for manufacturing.

- Modeling 3D project using Auto CAD 2D/3D, Cad Worx software’s.

- Preparation the quality and quantity Material (MTO Material Take Off).

- Control & Inspection the equipment’s on factory FAT (dimensional, running, Performance...

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| **April 2011 - January 2012** **COMPANY: EPPM**    **PROJECT:   STUDY, SUPPLY AND INSTALLATION OF TWO UNITS OF**  **WASTEWATER TREATMENT INDUSTRIAL OUED NOUMER**  **\*/ Commissioning Coordinator**  **-** Break down and organize the project in systems and sub systems.  - Prepare the Pre- commissioning & commissioning procedures and dossiers.  **-** Prepare the check list, Inspection test & punch list (Mech. Elec. & Instrumentation).  - Equipment’s test (Operating Test, Running Mechanical, Performance test, sealing test...).  - Assist of each activity of Pre-commissioning (Blowing, Flushing, Drying tests).  - Assist of each activity of Commissioning (Functional test, performance test…).  - Sign the technical records of commissioning and start-up with the contractor.    **Sept. 2010 - March 2011 COMPANY: EPPM**  **CLIENT: GROUPMENT AGIP SONATRACH:**  **PROJECT: TECHNICAL FIELD ENGINEERING BRN, ALGERIA.** |

**\* / Shut-down Preparator**

- Small study and preparation all necessary documents of each activity.

- Managing and coordinate the supervisors and follow the sub-contractor & third parts.

- Coordinate with Quality department (Welding data book, Test pack, Us-built drawings...)

- Writing specifications for control of repair or modification.

- Preparation and monitoring plan work inspection and reliability.

- Preparation of documents for inspection service (Check list, ITP, Us-Built drawings...)

- Preparation the required method of statements & participation in HSE, operation meetings.

- Participate in the Toolbox meeting with the supervisors before to start the work.

- Daily and weekly meetings with Sub-contractor & Client

- Monitoring the maintenance and compliance of equipment and machinery.

- Prepare the Mechanical Completion dossier.

**October 2009 - August 2010 COMPANY: EPPM**

****  **CLIENT :   TECHNIP**

**PROJECT: Unit Production of Sulfuric Acid,Turbo Group Alternator & Hot Utilities**

**\*/ Mechanical &Piping Designer / Mechanical &Piping Supervisor**

-Piping Specification (PEHD, Carbon Steel, Stainless steel, SVR…)

- Model the project in three dimensions with PDMS software (Equipment, Piping).   
  - Extraction of isometric with PDMS software (Isodraft) for manufacturing & site erection

 -  Detailed study of the pipe supports for the hot lines using standards & Caesar Software

- Supervise the work on site (Mechanical, Piping).

- Verification of the study designs based on site constraints.

- Prepare the work site according to the schedule & resources (manpower’s, equipment’s...).

- Check availability of materials in the stores.

- Detection and correction of any forgotten missing by the Engineering department.

**Nov. 2006 – Sept. 2009 COMPANY: EPPM**

 **CLIENT :   SONATRACH - ALGERIA**

**PROJECT: DESIGN, SUPPLY & INSTALLATION OF THE FLARE NETWORK**

**IN CINA & CIS IN HASSI MESSOUD ALGERIA.**

**1/ Structure, Mechanical & Piping Designer**

- Prepare the sketches and make the modification on site in CIS (Industrial Center South).  
 - Elaborate the details plans and isometric drawings

- Prepare the Material Take-off and knapping plans for pipes and equipment.

- Prepare the structure & supports detailed drawings for manufacturing.

- Making the As-Built drawings of the project.

**2/ Civil, Structure & Mechanical Preparer**

- Verification of the study design based in function the constraints on site.

- Ensure the preparation for work on site as planned

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| --- | --- |
| **LANGUAGES:**  **Arabic:** Mother Tongue  **French:** Very Good  **English:** Very Good  **Italian**: Beginning | - Checking availability of materials in the stores.    - Detection and Correction of any missing by the Engineering department.    - Development of preparation records (lists of equipment and accessories).    - Study the new locations of the works according to customer reviews.  **3/ Civil, Structure & Mechanical Supervisor.**  - Check and prepare the site of the works according to plans.    - Verification the Mechanical specification and Prepare the Methods of statement.  - Organize the team according to the tasks.    - Study & Supervise the Handling operation for mounting the Structures, piping’s. |