

* **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**

 **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**

   **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**

  **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**

 ** 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.   |