

Merrouche Ismail

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Valid driving license.

Available immediately



MECHANICAL ENGINEER

EXPERIENCE:

*** From July 2024 to February 2025: Shutdown Engineer GTFT (Sonatrach/Total)**

● **Site Nature:** Combined Cycle Power Plant CCPP, Rated Capacity 1250MW.

● **Carried Out Tasks:**

- Participation in preparation and execution of the shutdown 2024: (03 years Shutdown). Preparation of the shutdown: Work pack preparation for shutdown jobs as per the job list, which includes all the technical information & requirements for executing shutdown activities. The equipment's include heat exchangers, columns, pressure vessels, piping etc. Assist the shutdown coordinator in establishing priorities, making improvements on work methods and to participate in evaluating modification proposals, failure analysis and unscheduled shutdowns.
- Technical evaluation and review contractual documents for approval.
- Preparing Risk Assessment for all the shutdown jobs in accordance with GB Safety policies & procedures. Comply with GTFT Health, Safety and environment Management System (HSE- MS), as well as work permit, policies and procedures.
- Witness and supervise all pre-job inspection activities relate to service contractors' equipment. Provide onsite assistance during installation of equipment and execution of service to ensure compliance to company operating procedures and contract specifications.

*** From April 2021 to June 2024: Mechanical commissioning Operator/ Power Plant 1250 MW KAIS KHENCHELA (Shutdown TG04) IRMA GLOBAL SERVICES SPA.**

● **Site Nature:** Combined Cycle Power Plant CCPP, Rated Capacity 1250MW.

● **Carried Out Tasks:**

- Pre Commissioning & Commissioning, Startup Operation, Utilities, Startup & Technical support during project construction phase,
- precom. & comm. / technical writing of Operation/Maint. manual/procedure,
- Training of personnel, FAT/SAT for DCS/Simulator, Inspection, punch listing, shutdown, trouble shooting*
- Chemical cleaning, steam blowing, and flushing operations.
- MARK VI-HMI and headwear software (Cimplicity and Toolbox).
- Follow and update commissioning and operation procedures
- Following up punch work in the field and punch list documentation and clearance

✳ **From January 2020-February 2021 Bonatti Mechanical Supervisor Shutdown at CPF EL MERK**

- Revision and repair of heat exchangers, furnaces, columns, and hydrostatic testing of capacities and piping.
- Revision of rotating machinery.

✳ **From July 2018 to DEC 2020: Maintenance Technician/ Power Plant 825 MW SKIKDA, ALGERIA (Operation & Maintenance Phases) SNC LAVALIN O&M International.**

● **Site Nature:** Combined Cycle Power Plant CCPP, Rated Capacity 825MW.

- Preventive/ corrective Maintenance supervision.
- Issue spare parts from the warehouse.
- Prepare, validate, and monitor work permits and any special authorizations required
- Annual Shutdown supervision and Ensure that all shutdown activities comply with industry regulations and safety standards.
- Preparation of work packages for the equipment affected by the shutdown: technical data sheets, isolation diagrams, operational procedures, isometric drawings, piping sheets, sketches, list of required parts.
- Predictive Maintenance Supervision.

✳ **From July 2017 to October 2018: DONG IL industries co.ltd, Mechanical engineer. In SKIKDA refinery rehabilitation and adaptation project (samsung project).**

● **Carried out tasks:**

- Repairs of different mechanical items,
- Agree with the Superintendent, the scope of work.
- Distribute Sr. Foreman, Foreman and workers according to their skills to perform the task.
- Ensuring safety requirements are met. Productivity

2014 – 2016 Master II degree in Mechanical engineering.

I graduated from the Faculty of Technology Oran institute Department of science and technologies.

2011 -2013 naval architecture degree

I graduated from the Faculty of Technology Oran institute Department of science and technologies.

Other information

- Good mastery of computer tools (Word, Excel, power point,).
- Good mastery of O&M computer tools (COSWI 07, MAXIMO, DCS, MARK6,)
- Good presentation and good sense of contact.

LANGUAGES:

- **Arabic Fluent** (Mother Tongue).
- **English** is correct.
- **French** is correct.