

Ali CHORFI

30 Years old, Married, Tunisian

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E&I Project Engineer

RESUME:

Having worked within the Oil&Gas industry, power plant and manufacturing for over six years, I have developed a wide range of skills and have had many achievements, including instrumentation, control and electrical skills. Project planning, supervision and management are also parts of my job. I resume here below my main achievements detailed after:

- Control valve sales & Service Engineer with Emerson LBP Tunisia.
- Electrical Commissioning Engineer with SNC Lavalin for a 420 MW combined-cycle gas turbine.
- Support and Project Engineer for offshore team with the I&E department at SEREPT, AHSTART field.
- Project & Technical-Sales Engineer with Petrol Services Industrial.

TRAININGS AND DEGREES:

- February 2017: Certificate Emerson Fundamentals of fieldvue and Handheld (course1751) **Emerson Netherland**
- February 2017: Certificate Emerson Valvelink and Diagnose for Fieldvue Operations (course 1752) **Emerson Netherland**
- May 2015: Control valve Fisher-**APC Training**
- June 2013: Safety training on confined space, H2S, work on height, fire fighting, electrical hazards
- Sep 2012: PLC GE-Fanuc level 2 &3 - **Plus Formation Centre**
- Jun 2012: Delta V Hardware & Troubleshooting(course **7018**) **Emerson training centre of Seregno-Italy**
- March 2012: Training on PTW with **SEREPT**
- February 2010 to May 2010 : Final Project Study « automation and supervision of water treatment plant » **Company of Phosphates Gafsa (CPG)**
- Jun 2010: Engineering diploma in Electrical–Automatic engineering **National Engineering school ENIG. Gabes**

PROFESSIONAL EXPERIENCE

July 2014 till now:

Control Valve sales & Service Engineer with Emerson LBP Tunisia:

- Control valves sizing, selection and quotation using FF2 software.
- Instrumentation sizing, selection and quotation using Toolkit software.
- Preparation of Technical specifications / Data sheets.
- Collaborate with Fisher & Rosemount application engineer in HQ Dubai in applications engineering, technical and pricing support to customers and partners in Tunisian area.
- Supporting the customer in determining the most technically appropriate and cost-effective solutions
- Acknowledgment about control valve, valve sizing and accessories (DVC fieldvue, solenoid valve, trip valve and Regulators).
- Calibration and troubleshooting of transmitters, regulators, fieldvue valve positioner and control valves.

November 2013 till Jun 2014:

Electrical Commissioning Engineer with SNC Lavalin :

420 MW combined-cycle gas turbine (CCGT) power plant at Sousse, Tunisia.

Main work on the balance of plant (BOP); desalination and demineralization station, Electro chlorination station and seawater pumping station. This includes:

- Troubleshooting on electrical installation
- Control and monitoring with ABB DCS system of the electrical parts.
- Motor control, monitoring and test sheet preparation.
- BT transformer inspection & test.
- Electrical Motor commissioning and startup.
- LV switchgear commissioning and startup.
- Protection & control relay configuration.
- Cables and junction box commissioning.
- Configuration of VFD Siemens with micromaster 440 and of SPAU 140 C Synchro-check relay ABB

December 2012 –November 2013 :

Support and Project Engineer for offshore team with the I&E department at **SEREPT, AHSTART field:** working as MOC engineer.

- Ensure maintenance of control panels, instruments.
- Execute unit start-up and verifying the quality of installation.
- Prepare and request specific instruments with technical reports.

- Offshore Installation supervision according to predefined planning.
- Training on ESD based on Standard IEC 61511 (with MS PPT)
- Supervision and installation on field of H2S system signalization
- Prepare Precom, commissioning and Startup documents for all field installation.
- Electrical and Instrumentation installation, testing and commissioning of electrical Instrument packages offshore production.
- Ensure As Built documents

✚ February 2011- December 2012: Petrol Services Industrial” (PSI):

Main achievements as Project & Technical-Sales Engineer:

- Prepares and reviews engineering of complete proposal for submission including Scope of Offer, Design basis, Equipment specifications and data sheets, Commercial Offer.
- Perform a thorough review of customer’s enquiry information.
- Liaise with subcontractors and suppliers to obtain quotations.
- Prepare cost estimations.
- Prepares and reviews engineering; PFD, P&ID’s, plant layouts etc.
- Prepares and reviews engineering SLD/ Overall SLD, Various Switchgear/ MCC SLDs
- Support the Proposals manager (when requested) in discussion of technical details with the Business Development team and/or client.
- Contributing to the planning and scheduling of work to achieve prescribed objectives
- Coordinate with various disciplines for layouts & package items
- Insure site surveys and plant visits to determine constraints in the existing facilities systems or their operations.
- lead and contribute in detail engineering
- Construction supervisor (all E,I&C works)
- Worked on Pre-commissioning, Commissioning and start up
- Preparing As-Built Documents

I have worked on different project discipline on office and on field such as and not limited on:

- Gas expansion skid
- Chemical injection unit
- Firefighting system
- F&G ESD system
- Instrumentation of separator scrubber...
- Conception, design and construction of several low voltage switchgear.

Customer I have worked with: **SEREPT, ENI TUNISIA, Thyna Petroleum Services, Winstar Tunisia BV, and SNC LAVALIN...**

KNOWLEDGE AND SKILLS:

- Programming : Step7, Wincc
- E&I Softwares : Isis, AutoCAD, CanecoBT, Xlpro3(legrand), MyEcodial (Schneider), DeltaV (Emerson), See Electrical, Valvelink, AMS.
- Office: Microsoft office...
- Familiar with P&I Diagrams, Instrument Loop Diagram, Logic Diagram.
- Familiar with current international of instrumentation standards (IEC, ISA...)
- Prepare Precommissioning, commissioning and Startup documents
 - Conformity Check Sheet (CCK)
 - Prepare and develop OTP (Operational Test Procedure)
 - Prepare and develop FTS (Functional Test Sheet)
 - Prepare Subsystem Precomm& Commissioning Dossiers
 - Ready For Commissioning Certificate (RFC)
 - Ready For Start-Up Certificate (RFSU)

SPOKEN LANGUAGES:

- Arabic :Written & Spoken (mother tongue)
- French : Written ,Read & Spoken (fluently)
- English : Written, Read& Spoken (fluently)

EXTRA :

- Accepts mobility in the whole of country & abroad.
- Driving licence
- Traveling