

# CURRICULUM VITAE

## AWLED ELHAJ Iyadh

Tunisian citizen

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### Senior construction electrical & instrument supervisor Electrical and instrumentation design Engineer ATEX inspector

#### PROFESSIONAL PROFILE

Having 5 years of experience in the field of electrical engineering with a proven track record of success within various corporate organizations. A diverse selection of Professional responsibilities, including all aspects of installation, construction and Pre-Commissioning, commissioning, training and support. A demonstrated ability to learn new concept, easily adapt to change, and mentor others.

##### Main Profile and expertise:

- **Electrical Pre-com/commissioning engineer**
- **ATEX Inspector**
- **Electrical & Instrument construction supervisor**

#### SKILLS

##### ▪ **Senior Electrical & Instrument Construction supervisor**

- Supervision and approval of all construction activities and coordination of various aspects of project construction including inspections, material submissions and working drawings from contractors, and processing documentation as required.
- Handle all aspects of Electrical/Instrument Construction activities including site investigations, site surveys.
- Supervision and management of all electrical and instrumentation devices and panels installation through the contractors supervision in respect of HSE, method, working practices, quality and timely execution of the works.
- Enhancement and commitment to raising HSE standards and proposing new initiatives or improvements.

#### COMPUTER SCIENCE SKILLS

**Electrical Software:** PVsyst, AutoCAD, DIALux, Caneco BT, Mplab, LabVIEW, ISIS, Matlab, RSlogix5000 /500, RSview 32, step7, XRelai, Eagle.

**Office Software:** Word, Excel, PowerPoint

#### EDUCATION

2013 / 2016 .....: **Diploma of electrical engineering - ENIS SFAX**

2006 / 2010 .....: **Baccalaureate Diploma in technical sciences**

#### LANGUAGE

Arabic..... : **Mother tongue**

French..... : **Good level**

English ..... : **Medium level**

#### WORK EXPERIENCE

##### October 2019 until now

Company: **Bouchamaoui Industries**

Position: Electrical and instruments Lead

Project: Tataouine-Medenine Gas pipeline / Tunis-Beja-Dahmeni Gas pipeline

Client: STEG

#### ▪ **Bouchamaoui industries Design office**

- Electrical power balances, power distribution boards design, FAT and installation.
- Single line diagrams development.
- Study of lighting systems for Pig launching, pig receiving and line valves stations areas.
- Preparation of instruments specifications, typical installations, instruments layout, hook-up and cables routing.
- Cathodic protection temporary and permanent systems design and installation.
- Metering, basic study and detailed study of 1MW, 2MW, 6MW and 10 MW photovoltaic power plants.
- Design and implementation of fiber optic systems including the best emplacements of L3T cables-pulling chambers, HDPE test procedures and calibration, development of procedures for the laying of fibre optic cable by air blowing.
- Supervising all optical and reflectometry tests before and after FOC laying.
- Monitoring of the various phases of study, purchase, FAT, programming and implementation of SCADA and CCTV systems.

#### **January 2018-September 2019 (1 year and 9 months)**

**Company:** Bouchamaoui Industries-MAX STREICHER- BIMS

**Position:** Electrical and instrument construction site Supervisor  
Electrical and instrument project Coordinator

**Project:** Nawara Pipeline, Gas Project Tunisia

**Client:** ETAP-OMV

- RTUs, Telecom cabinets and power distributions boards installation, connection and commissioning.
- Photovoltaic structures installation and commissioning.
- Rack battery Backup Unit installation and testing.
- Valve actuators connection and commissioning.
- Fire&Gas detection systems installation and commissioning.
- Red mark-up drawing preparation.
- E&I monthly progress preparation.
- Supervision of instrument and electrical mounting of equipment
- Supervision of pulling, tagging and arrangement of cables
- Control, inspection of the activities in substations
- Technical solution of the site problem's
- Coordination between technician's and company
- Meeting with the subcontractor's
- Validation of the PTW
- Respect of the HSSE method and assistance to do better

#### **January 2017-December 2017 (1 year)**

**Company:** Bouchamaoui Industries-MAX STREICHER- BIMS

**Position:** Electrical Engineer

**Project:** Nawara Pipeline, Gas Project Tunisia

**Client:** ETAP-OMV

- Cathodic protection Systems installation.
- Pin brasing welding operations.
- Cathodic protection monthly site survey.
- Temporary cathodic protection system installation.

#### **TRAINEE**

#### **February 2016-June 2016**

**Company:** Tunisian chemical group ICM1, Phosphoric acid production plant

**Position:** Trainee

- Study and realization of a digital system for the control, command and supervision of two acid treatment plants using RSlogix-5000, RSview-32, RSlogix Emulate 5000 software, Classic RSlinx.

#### **July 2015**

**Company:** Tunisian chemical group ICM2, Sulfiric acid production plant

**Position:** Trainee

- Automation and the transition from the wired path to the operation with an Allen-Bradley 500 controller using RSlogix-500 and connection diagram preparation with XRelai.

### **June 2014**

Company: **Tunisian chemical group ICM1, Phosphoric acid production plant**

Position: Trainee

- Wiring and assembly of transformers and asynchronous motors and study of the different start and fault regimes

## **ACTIVITIES AND INTERESTS**

Sports, Trainings, Innovation, chess, football, travel, trainings on the internet, active member in clubs: engineer without borders, first aid health.