

# YOUCEF BOUCHAMA

## INSTRUMENTATION&CONTROL. Level IV

### ➤ TRAINING

#### *STEAG POWER PLANT LEARNING CENTRE NOIDA INDIA* Aout 2022 in Sept 2022

Program covered theoretical / practical sessions on following topics.

Advanced networking—programmable logic controller maintenance – gas turbine (GT) CONTROL & Stop valves and checks – GT Torque motor valve limit switches adjustment – Firefighting panel commissioning – Motorized valves – Calibration of performance testing instruments—removal & Reinstallation checks of performance testing instruments and vibration sensor – Gap voltage

#### *STEAG POWER PLANT LEARNING CENTRE NOIDA INDIA* Aout 2019 in Aout 2019

Program included Basics of Instrumentation, Turbo Supervisory, Calibration of instruments & Valves, Programmable Logic Controller and Simulator based training.

#### *EMERSON FZE PROCESS MANAGEMENT Jebel Ali DUBAI* Sept 2018

Valve Trim and Body Maintenance--Valve automation –Test and Calibration.

#### *KOUDIET ED DRAOUACH - COMBINED CYCLE PLANT 1200MW*

TRAINING ON SITE WITH GENERALE ELECTRIQUE (GE) Oct 2012

Program included

Gas and steam turbine control maintenance system (GAS / Steam MK VI e) – mechanical MKVIe HMI maintenance - Training on all the auxiliaries of the koudiet plant with



### Contact detail

#### Address

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#### Algeria

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#### Langue

the company IBERDROLA maintenance of TG and alternator (TG maint) — heat recovery steam generator (HRSG)

## **TRAINING CENTER CEFOS INSTRUMENTATION LEVEL III**

**ON 05/10/1985 TO 05 /04 /1987**

### **Professional experience**

**(+20 YARS) IN INSTRUMENTATION AND CONTROL**

**\*Eurl Fieldcore (GE) Service solutions international Algeria**

**OF MARCH/10/2014 AT MAY/24/2023**

**TASKS: INSTRUMENTATION CONTROL LEVEL IV**

#### **SITE:**

**LIBYA :** khoms power plant hot gas path inspection (HGPI). 9FA

- Disassembly of all instrumentation devices, gaz turbine, steam turbine and generator.
- Assembly after inspection, preventive and calibration of all instruments.

#### **AlGERIA:**

Turbine /Generator / STEAM Frame 9FA – 9FB – 9E

Major inspection (MI) -- Hot gas path inspection (HGPI)

- City Oumache (BISKRA)
- Hadjrat Enous (TIPAZA)
- Koudiet ederaouache (TAREF)
- Belara (JIJALE)
- Hasi ernal (LAGHOUAT)
- SEKIKDA (SNC LAVALIN)

#### **TUNISIA:**

Turbine /Generator /Frame 9FA –9E

Major inspection (MI) -- Hot gas path inspection (HGPI)

- Radas
- Feriana

#### **MOROCCO:**

- Mohamadia

## \* **TASKS:**

Provide general knowledge of turbine instrumentation calibration, including various vibration. Temperature and has gas detection

- Types of transmitters, all instrument, electric, pneumatic and hydraulics valves
- Experience with Gas Turbine Driver Control Systems and Auxiliary Systems
- Provide timely and accurate internal and external reports
- Manage and troubleshooting, operation/Instruments maintenance of auxiliary plants:
- H2 plant, electrical/Mechanical BOP's, HRSG, CO2 Sanco, CEMS, Hazardous gas GAMP
- Pre-commissioning and Commissioning activities of gas and steam turbines.
- Manage, operate and control check functional test ESD system of Mk VIe DCS.
- Shut down & start-up plant with all instrument intervention problems.
- Good knowledge of turbine control system, general understanding control logic
- Calibration and maintenance of all plant valves: pressure gas valves, DREHMO Rotork, fisher, Flowserve, gas & steam turbine WOODWARD hydraulics valves etc.
- Direct hands-on participation to execute all day to day I&C maintenance activities on *gas turbines*, routine and non-routine, breakdown shutdown providing support in the control and scheduling aspects.
- Advise the Chief / senior Instrument Engineer of any major slippages and their causes, all policy matters, major technical problems and unresolved differences with other Groups, and requests for changes by the Client which may constitute a contract change.
- Team player attitude is of high importance during the time spent at work, cooperation with other fellow workers of his own department as well as from other departments, is a key element for the overall effectiveness's of the operation, therefore this attitude must be present at all times.
- Familiarity of Power Circuit Breakers, Protective Relay Systems, AC/DC Motors and generators.
- Responsible for having available the adequate spare parts and materials to provide Continuity to the operation.
- Technical Support for the instrume

**\*ALGERIA OPERATION&MAITENANCE COMPANY( SOGEX, JGC, SONELGAZ)  
(ALGERIA O&M) CCPP 1200MW**

**OF 09/09/2012 AT 16/02/2014**

**TASK:** Technician I&C *Instrument & Control Specialist*

- Performing in autonomy the Installation and/or Maintenance activities of Rotating

equipment in the Field at Customer Sites.

- -Performing minor/major maintenance of equipment following service and Site quality
- check lists and procedures.
- -Actively manage controls activities on site during Installation and Commissioning and Maintenance of heavy-duty equipment, including but not limited to oversight of Installation, maintenance, troubleshooting and diagnostics.
- Maintenance gas, steam turbines: GE Mark VIe Frame 9FB, generator all systems.
- Actively manage controls activities on site during Installation & Commissioning and maintenance of heavy-duty gas and steam, generator including but not limited to oversight of installation, maintenance, troubleshooting and diagnostics on gas Turbine and auxiliary systems.
- Overall responsibility of the management of site activities including planning, Organizing, integrating, and directing of resources such as labor, tools and materials As required to complete the work scope according to contractual requirements.
- Manage relationships with customers, business partners and suppliers, both internal and external, during installation, site commissioning and startup phases.
- Provide general knowledge of equipment instrumentation calibration, including various types of transmitters.
- Working on hydraulic and pneumatic systems incorporating electromagnetic component
- Read and interpret electrical/mechanical flow and instrument diagrams

### **\*E.U.R.L LE SPECIALISTE**

**OF 09/10/2010 AT 11/08/2012 AND 22/10/2001 AT 08/10/2002**

**TASKS:** TECHNICIAN INSTRUMENTATION LEVEL III

**Major inspection (MI) -- Hot gas path inspection (HGPI)**

Frame 9FA-9FFB-9E.

SITE:

- Hadjrat Enous (TIPAZA)
- Koudiet Ederaouache
- Hasi ernal (LAGHOUAT)
- SKIKDA (SNC LAVALIN)

### **TASKS:**

- Types of transmitters, all instrument, electric, pneumatic and hydraulics valves.
- Experience with Gas Turbine Driver Control Systems and Auxiliary Systems.
- Manage and troubleshooting, operation/Instruments maintenance of auxiliary plants.
- H2 plant, electrical/Mechanical BOP's, HRSG, CO2 Sanco, CEMS, Hazardous gas GAMP.

### **\*CAMPANY NATIONAL INDUSRIAL ASSAMBLY (ETTERKIB/SPA)**

**OF 01/08/1998 AT31/05/2000 and 15/01/2009 at 11/10/2010**

### **TASKS: SUPERVISOR INSTRUMENTATION**

**Project; power plant 2x36MW ANNABA: CUSTOMER: GENERAL ELECTRICAL (GE)**

- Instillation fire detection system.
- Installation of Electrical Equipment +instrumentation

**Project: CTG 2X126 MW Ain jasser BATNA .CUSTOMER: ANSALDO INERGIA**

- Instillation fire detection system. – Installation of Electrical Equipment +instrumentation

### **\*STEEL COMPLEX (SIDER ELHADJAR)**

**OF 1985 AT 1997**

### **TASKS: INSTRUMENTATION LEVELIII Regulation and maintenance**

- Maintenance of the regulation loop ore production agglomeration (PMA)