QADA CHOUIREF

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Instrumentation and control Engineer

Summary

Seeking a responsible, Position in the field of instrumentation maintenance, troubleshooting, loop checking, calibration, installation and for control DCS, ESD, F&G , gas turbine .

L'expérience professionnelle

07/2015 - present

INSTRUMENTATION & CONTROL ENGINEER

MEDGAZ – SONATRACH / BENISAF , ALGERIA

Accomplishments:

- Expertise to review vendors drawings & documentation for variousinstrument related skils, packages and analyzers and review of related drawings associated with typical Control systems as DCS, ESD, PLC, , F&G such as systems specifications, functional logic diagrams, alarm trip schedules, cable diagrams, loops diagrams, cause & effects etc.
- Make all type of report like.
- Check the instrument installation report
- Check to the cable maggering report
- Check the instrument inspection test plan report.
- Check the data sheets.
- Check the calibration report.
- Check the ICS report to compare with DCS configuration.
- Attach all report during require the loop check such as a data sheets,
- Check the permit to work.
- Check the last inspection due date of primary calibration instrument

- **TURBOCOMPRESSOR (Rolls-Royce RB211) aero derivative Gas Generator RB211-24G DLE and COMPRESSOR DRESSER RAND**
- preparation and participation of mid overhaul 25000 hours, 8000 hours .
- Disassembly and assembly of all instruments in the package speed probe, vibration, accelerometer, displacement, RTD's, RTD connector, thermocouple type K and type N of (Rolls-Royce RB211) Power turbine RT62.
- Installation, calibration and loop checking of the field instruments
- Control system Rockwell automation, RSLogix5000, RSLinx, Wonderware InTouch software.

- **SOLAR TURBINE-CENTAUR 40 GENERATOR**
- Maintenance of instruments for TURBOGENERATOR with SOLAR TURBINE and the soL control system Rslogix5000.
- In-depth knowledge of data sheets, instrument drawings, I/O wiring diagrams, P&ID, calculation and specifications

- **DCS 800xa ABB**
- Get a Certificate for the Maintenance of the system ABB 800xa -course T308- from ABB SPAIN

- Having good command to work on PLC, DCS, ICS, SCADA,
- I have performed Loop Checking and Cause & Effect Checking
- Maintenance and Troubleshooting on PLC using **ABB Control builder**

- **F&G / ESD AC400 safeguard-ABB-**

  GET A Certificate for the Maintenance of the system ABB safeguard 400 from ABB university in OSLO(Course - A290-)

- **Fire & Gas Instruments:**

  Possess good experience of working on F&G Instruments like IR/UV Flame Detector, open path detectors, Fire & Gas System (Safe Guard ABB -AC400). Line of Sight Gas Detector, Point Gas Detectors and Sounders etc.

- **Analyzers:**

  Possesses sound knowledge and experience of working on Analyzers like Hydrocarbon, Oxygen, Water, Sulphur GC FPD EMERSON and Gas Chromatograph DANALYZER 370XA EMERSON

- **Relationship management:**
- With clients, providing effective solutions and building healthy relations.
- To leading and motivating workforce. imparting continuous on job training for accomplishing greater operational efficiency.
- Co-ordination with Project client, subcontractors and vendor

15/02/2020 - 15/03/2020

ELECTRICAL & INSTRUMENT CONSULTANT

Baker Hughes

HASSI R'MEL – MP BOOSTING PHASE III

GAS TURBINE MS5002+ CENTR COMPR BCL807, Mark VIe, Mark VIe-S, Mark VIe-S (FF) and BN Vibration Monitor.

01/02/2015 - 30/04/2015

INSTRUMENTATION ENGINEER

BONATTI (Hassi Messaoud) ALGERIA

Accomplishments:

- Management for the team of instrumentation for the scope of judgement of the station BRN SONATRACH-AGIP group .
- Control and calibration of smart transmitters (flow, pressure, temperature, level) with HART and generator (4 -20 mA) and SCANDURA.
- Maintenance and calibration of control valves and micro control switch and solenoid valve
- Inspection and control of motorized valves (SDV, BDV, ESDV)
-

21/04/2013 - 20/05/2013

INSTRUMENTATION ENGINEER

SONATRACH -Arzew

Missions and tasks performed:

- Automation and the renovation of a Turbo generator type ALLISON IM 600 that drives a generator TOSHIBA. It was renovated by a SIEMENS PLC type S7-400H for integration into the DCS system of a complex (GPL1 / Z) Arzew through practical training.

28/06/2012 - 11/07/2012

INSTRUMENTATION ENGINEER

SONATRACH -HASSI Messaoud

Contribute and participate in stopping a train to carry out several tasks such:

- Intervenein operation to removing a Turbo expander.
- Intervenein a centrifugal compressor type BCL 506/a NUEVO PIGNON that has a problem of handling.

- These tasks are performed as part of practical training in the LPG complex.

07/2011 - 08/2011

INSTRUMENTATION ENGINEER

SONATRACH -HASSI Rmel

- Missions and tasks performed: contribute to the removal of a gas turbine MS 5002 from GENERAL ELECTRIC.
- Checking sensors turbine MS 5002 (speed, Temperature, vibration) for a smooth start up sequence.
- This formation is done in station associated gas recovery.
- To preparation and review of process hook-ups, P&ID instrument air distribution schematic drawings, instrument air tubing hook-up drawings, instrument location plot plan, cable tray layout drawings, underground trench layout drawings, junction box layout drawings, cable schedules etc.

Education and Certificates

- 31-03-2021

Control Valves &Actuated On/Off Valves

FLeming

- 19-03-2021

Pressure Relief Devices

FLeming

- 20/06/2018

Electrical certification (B0, H0,H0V)

Schneider Training Institute of Algeria

Electrical certification

- 2017

Certificate Maintenance AC400 safeguard-ABB-

ABB University -OSLO -Norway

Certificate for the Maintenance of the system ABB safeguard 400 from ABB university in OSLO (Course -A290-)

- 2017

Certificate Maintenance 800xa ABB

ABB Spain--LBU Oil,Gas and Chemicals Indusrial Automation Division

Certificate for the Maintenance of the system ABB 800xa -course T308-

- 2013

State Engineer in Maintenance and Industrial Safety.

Oran University- IMSI

State Engineer in Maintenance and Industrial Safety. option Istrumentation

- 2006

Technikum beni saf -ALGERIA- Baccalaureat Mechanical Manufacture

technicum

Baccalaureat Mechanical Manufacture

Technical Summary

Applications

- Microsoft Word
- Excel
- PowerPoint
- Publisher
- Project
- Outlook

software project I&C

- siemens PLC S7 , 400
- WINCC FLEXIBLE
- ABB Control builder
- ABB -AC400 Safeguard
- ABB-800xa System.
- Rslogix 5000
- wonderware Intouche

Core Competencies

- Electronic Engineering
- PLC programmation
- graphics Design
- Mechanical Engineering
- ladder and list programmation

HSE training at site

- TRAINING PERFORMED BY INDUSTRIAL SAFETY TRAINING CENTER -SONATRACH- FOR "TECHNICAL TRAINING IN HANDLING FIRE EXTINGUISHERS "
- PERMIT TO WORK
- EMERGENCY PLAN
- FIRST AIDS
- ELECTRICAL RISK
- SPECIAL TASKS
- CONFINED SPACE
- WORK AT HEIGHT
- FIRE FIGHTING
- SAFETY EQUIPMENT
- CHEMICAL PRODUCTS

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