

Abd el malik MEDAB

Instrumentation and Control Engineer

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Looking forward and having several years of experience in Oil & Gas Industry, I now feel that it is the right time to confidently explore new overseas opportunities and challenges, where I can continue to add measurable value to a major organization. Thus my interest in your organization and request for a personal interview. Thank you for your consideration, I look forward to hearing from you soon.

WORK EXPERIENCE

Metering and Instrumentation Engineer

SGS

10/2016 – Present

ELMERK Facility - Hassi Berkine - Hassi Messaoud 30500- Ouargla State - Algeria

SONATRACH & OCCIDENTAL Association

Responsibilities/Tasks

- Working knowledge of all relevant IP, API, AGA, BS, ISO standards & codes of practice.
- Operation and maintenance of Flow Computers (Emerson FloBoss S600, S600+).
- All types of metering and QMI system that include orifice, venturi, turbine, displacement, coriolis, electromagnetic and ultrasonic, flow computers, GLCs, densitometer and BS&W meters.
- Experience with Permit to Work systems; Technical approval for risk assessments, Metering PM/CM (Preventive/Corrective Maintenance and Inspection) .
- Perform verification/calibration on differential pressure transmitters, temperature transmitters, pressure transmitters, Analysers, Flow-meters and other measurement related ancillary equipment.
- Follow and promote EH&S Safety Standards IOSH/ NEBOSH.
- Knowledge of Uncertainty and Error related to calculations of Custody Transfer and Metering Systems.
- Custody metering skids Maintenance(Oil & LPG & Condensate) Condensate): which includes Metering Station ,Auto sampling system, Density measurement system, W&BS system & Prover skid,Flow computers & PLC system.
- custody transfers and fiscal metering systems & Calibration and Verification Procedures.

SKILLS

- Siemens S7 300/400/1200/1500
- Valve/Actuator/Positionor
- Rosemount/ABB/YOKOGAWA Transmitters
- Endress & Hauser Tank Gauging System
- API MPMS Standards
- General Instrumentation

LANGUAGES

ENGLISH ■■■□□

FRENCH ■■■□□

ARABIC ■■■■■

SOFT SKILLS

Microsoft Office
Word / Excel / Power Point

Yokogawa
CENTUM VP / Exaquantum

EMERSON
AMS Device Manager

Sick
MEPAFLOW600 CBM

FlowCal
prove it / TESTit / CALCit

Siemens
TIA Portal / WinCC/ PRM

Windows
W7 / W10

Matlab
Simulink

WORK EXPERIENCE

Training Program
Instrumentation & Automation Trainee

01/2016 – 08/2016 *Hassi R'mel SONATRACH Oil & Gas Facility*

Responsibilities/Tasks
- Troubleshooting the totally integrated automation TIA from Siemens (DCS PCS7 v6.0 + PLC Simatic S7 400 + SCADA WINCC) software and hardware.
- Troubleshooting of (Fire /Gas/Smoke/Heat) Detectors & Transmitters.
- Troubleshooting of redundant Profibus communication between 30 RTUs and the control room ; comprising of 2 pair hot/standby controllers and pair of dual redundant SCADA servers.
- Troubleshooting of PLC system (Siemens Simatic S7 300) and faults diagnosis.

EDUCATION

MASTER's DEGREE in ELECTRICAL ENGINEERING
Kasdi Merbah University - Ouargla State - Algeria

10/2015 – 08/2017

Speciality
- AUTOMATION ENGINEERING

BACHLOR's DEGREE IN ELECTRONIC ENGINEERING
Kasdi Merbah University - Ouargla State - Algeria

09/2012 – 08/2015

Speciality
- AUTOMATION ENGINEERING

BACCALAUREATE DEGREE IN SCIENCE
Ali MELAH high school - Ouargla State -Algeria

09/2009 – 07/2012

Courses
- Natural Science

INDUSTRIAL COMMUNICATION PROTOCOL

Modbus / HART

Ethernet TCP/IP

Profibus

Fieldbus

INDUSTRIAL DIAGRAM

Process & Instrumentation Diagram

Process Flow Diagram

loop wiring diagram

Electrical Diagram

CERTIFICATES

Siemens TIA Portal Advanced level 1&2 In CFBI Training Centre (02/2020)
** Programming via LAD/FB/STL * Diagnosis and Maintenance of S7 siemens products*

Siemens HMI & SCADA design In CFBI Training Centre (02/2020 – Present)
Design the view of the HMI and SCADA

First Aid & CPR ADVANCED level from the American Heart Association (01/2020)
First Aid Training

CORIOLIS MASS FLOWMETERS from Krohne e-learning Platform (01/2020)

ULTRASONIC FLOWMETERS – LIQUIDS/GAS from Krohne e-learning Platform (01/2020)

RADAR LEVEL MEASUREMENT from Krohne e-learning Platform (01/2020)