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***CV***

##### ***Objectives***

***To achieve a technically challenging position in which I can my Creativity and potential to contribute the company’s development to the Maximum with Good returns.***

**Personal details:**

# **Name: Mohammad Hassan Al Omar**

#### **Birth date: 01/09/1976**

**Qualification: Diploma in Electronics from Syria**

**Dair Ezzor city board in year with first glass 1997**

##### **Nationality: Syrian**

**Language: Arabic /English**

#### **Marital status: married**

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**Passport No:**

**Courses completed:**

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**Control Valves.**

**Process Control system.**

**Basic of Instrumentation.**

**The principle of instrumentation.**

**Fire, smoke and gas detection system.**

**Gas compressor, Power generator.**

**Process Analyzer.**

**Gas turbine control system.**

**Technical course in process instrument and analyzers.**

**Technical course in process control.**

**Air compressor course.**

**DCS Yocogawa, PLC system course**

**Safety Courses**

***Drager IR Multi – Sepectrum Infared flam detector***

***Heat Detector Eexd,EEem & Intrinsically Safe (Eexia)***

***High Smoke Sesitivity Detectors***

***Smoke Detector Type Are Both Optical& Isonation***

**HSE Induction.   
 H2S Awareness and escape.   
 Permit to work system.   
 First Aid.**

**Fire fighting course.**

**NORM” awareness course**

***Position Held* : Instrument Forman**

**With HSCO Company Sub Contract with Story Transe Gas in Twinan Gas Plant from 01/04/2018 until Now**

**Electrical Engineer**

**With Chaka Sugar Refinery Lebanon Tripoli from 2014 To 2018**

**Senior Instrument Technician**

**Company: Wasco energy (gas service international Limited (Jafra Oil Field) from 2009 To 2012**

**Instrument Technician**

**Company Gas Service International**

**Omar Out Station Gas Compressor From 2006 To 2009**

**Experience Details**

**As Instrumentation Supervisor - Loop Test   
Work in Gas and Oil construction project of North Syria Gas Field Development   
Systematically organize the schedule work activities to meet project milestone and target completion   
In charge in organizing loop test groups and prepare loop folders. Supervise DCS operator and instrument technician in performing complete loop test from DCS (Yokogawa CS3000) to filed instrument device (analog and digital signal).   
Loop checking of instrument such as flow, level, pressure, temperature (Fisher Rosemount, Vortex, Yokogawa and Emerson) on/off valves and control valves (Emerson, BIFFIS, Masoneilan and BETTIS) includes also switches and solenoid valves.   
 ESD on/off valves and HIPS valves.   
Loop checking of Flammable Gas detector, Toxic Gas Detector, Beam Gas Detector and Smoke Detector by Zellweger Analytics and VESDA by SIEMENS.   
Interface checking of I/O signal of Vibration Speed Drive (VSD) Dynavert T05 and Motor Control Center (MCC) through DCS.   
Interface function test of instruments between DCS, ESD and F&G by HIMA (ELOP II) and Yokogawa System (CS3000) using cause and effect chart.   
Interpret Logic Diagram, Instrument Loop Diagram (ILD), DCS graphic process functions and coordinate with the Instrument Engineer and vendor of Yokogawa and HIMA if modification is needed and required by the client also familiar with P&ID.**

**Familiarize with HART communicator and feildbus communicator and other instrument equipment.   
Work also in System Completion and Mechanical Completion to be hand over to the client.   
Prepare reports and coordinate with QC and other discipline for proper documentation in System completion and issuance of Pre Commissioning Certificate.   
Assist commissioning team in any related instrument works, calibration and punch killing for preparation of leak test and pressure testing activities.   
Maintain closed relation with clients and other department involved for smooth flow of loop testing activities and construction completion. Trouble shooting and repair as need arise**

**Responsibilities**

**Covering two central producing facilities, Gas Oil separation plants and fiscal metering station and out stations. Responsible for the breakdowns and planned preventive maintenance on the full range of oil field instruments. Carried out Overhauling, calibration and maintenance of pneumatic and Electronic Instruments of the following items.**

**MASONEILAN: Pneumatic and Electronic Transmitters, I/P converters, large size control valves with positioner for flow controls**

**Fisher: Transmitters for flow along with flow control valve overhauling and calibration.**

**Foxboro: Transmitters for flow, pressure and temperature controllers, control valves & butterfly valves. Electronic transmitters for flow, pressure, temperature and transducers such as P/I.**

**Rosemount: Electronic transmitters for flow, pressure, level d/p cell & temp.**

**Siemens: electronic positioner and transmitter for flow .pressure. Level d/p and temp**

**De-tonics: Flame detectors used in gas turbines.**

**Allen Bradley PLCs: Worked on Solar Gas Turbine and solar generators doing routine maintenance and trouble shooting on instrument system.**

**DCS Yoco gawa: have a Fair knowledge in distributed control s**

**Bentley Nevada: Worked on solar gas turbine (Bentley Nevada vibration monitor) & Bentley Nevada anti-surge control system on gas comp-driven by solar turbine**

**ITT: Electrical pressure Switches and chart drive recorders of flow, pressure and temperature.**

**Fire Detection System: Routine checking of fire detection system for smoke and heat detector in accommodation & Offices.**

**Carried out monthly loop checking ASD for the panels. Attend safety courses like, fire fighting, gas tester, norm courses, work permit system etc.**

**Skills**

**- Able to work independently on various Instrumentation related activities, Calibration, Installation, Loop checking, Modification, Troubleshooting.   
- Good experience of Pre-commissioning, Commissioning & Maintenance.   
- Able to use various calibration standards.   
- Experience in Oil & Gas Industries & onshore oilfield.   
- Able to read and understand Instrument Loop diagram, Logic diagram, P&ID drawing, Cause & Effect diagrams, Process flow diagrams.   
- Good interpersonal skills and ability to work as team member.   
- Working knowledge on PLC and DCS.   
- Familiar with safety system / Permit to work system.**

***Computer Experience***

* **Installation and setup programs**
* **Software Exposure AutoCAD ,MS office**

***I hereby declare that the above mentioned information's are true to the best of my Knowledge and belief.***

***WITE BEST REGARDS***

***Mohammad Hassan Omar***

***Mobile No +963935365969***