**Amr**



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| [Amr-395539@gulfjobseeker.com](mailto:Amr-395539@gulfjobseeker.com) |

**Summary**

Skilled in Loop checking, Function test with **Eight years plus** hand on Electronics, Communication and instrumentation

Engineering ,Some qualifications are:

* Practical experience in Commissioning Instrument Pkg's (Compressor , Fans , Heater ,Dryer and Filter )
* Practical experience in Programming Software (Honeywell , Himax , Siemens S7 PLC - Using Ladder Logic and Function Block ) .
* Perform various instrumentation engineering activities and preparing different instrumentation

Deliverable:

1. The Philosophy of the Automation and Control System ,Control System Loop Diagram and Logic Diagram ,Emergency Block Diagram, Cause & Effect Matrix
2. Control Valves Data sheets, sizing Report and Material Requisitions
3. Instrumentation electrical, pneumatic hook up diagrams, Instrumentation's layout
4. Prepare technical and commercial offers for abridged projects.
5. Develop the daily technical report
6. Excellent experience in MS Word and Excel activities.
7. Responsible for technical clarifications, Exclusions, Deviations and compilation of the Technical/ Commercial Proposal.

**Experience**

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| **Commissioning E&I Engineer** | Aug 2017 - Aug 2019 |
|  | 2 years 1 month |

Assigned As a commissioning Electrical and Instrument engineer(Area 1 ) for ERC Mega project $3.7

Billion to follow up commissioning activities and prepare the readiness of the refinery for oil in stage,

Assigned duties was :

* Review and evaluate Tender Requirement , follow-up with the tender .
* Checking Project Schedule , Man power histogram in cooperation with the planning Team
* Preparation of Technical Documentation ( Control Narratives , Function test procedure , Valves data cheet , Instrument hook Up’s , The Philosophy of the Automation and Control System , The Control System Block Diagram, Emergency Block Diagram , Cause & Effect Matrix , Control Valves Data sheets, sizing Report and Material Requisitions , Safety Valves Data sheets, sizing Report and Material Requisitions)
* Working in Honeywell Experion For DCS system , Himax for ESD system
* Checking Logic Diagrams for Area 1 all units (NHT, Reformer, CCR, DHT, DEU, Flare System and DCU - both Process and Vendor) and find the discrepancies on it then modify it.
* Preparation of Instruments tasks sheets and uploading to UNICS
* Perform Training to the DCS operators about Control system and Logic Design.
* Inspection for site instruments after final installation.

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| **E&I Engineer** | Jan 2015 - Jun 2017 |
|  | 2 years 6 months |

Supervising the instrument technicians and helpers activities, monitoring the implementation of CMMS. With the following responsibilities:

* Ensure that good safety performance is recognized and recorded during carrying out jobs
* Diagnose PLC problems (Siemens S7-300 Plc )
* ability of reading wiring diagram and analysis it
* troubleshooting of automatic control system (Checking Ladder Logic & Logic Diagrams )
* Carrying out all types preventive and corrective actions
* Prepare required spare parts lists
* Perform Insulation Resistance test by Megger device
* Attend Pre-commissioning and Commissioning
* Troubleshooting , configuration & commissioning of all type of field instruments including pressure , temperature, level and flow transmitters
* Folders Supervising and performing cold and hot loop tests for all instruments Perform various instrumentation engineering activities and preparing different instrumentation deliverables (The Philosophy of the Automation and Control System , The Control System Block Diagram, Emergency Block Diagram , Cause & Effect Matrix , Control Valves Data sheets, sizing Report and Material Requisitions , Safety Valves Data sheets, sizing Report and Material Requisitions ,Control System Loop Diagram and Logic Diagram, data sheets and material requisition, Instrumentations hook up diagrams and layout , Instrumentations and control System Function Specifications…etc.)

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| **Project Coordinator Engineer** | Oct 2011 - Sep 2014 |
| EGYSA | 3 years |

* Responsible on LOS Survey/LOS Reports &submitting them to Etisalat /Intra-Com.
* Responsible on Site Implementation process with Etisalat /Intra-Com.
* Responsible on supply chain /Intercom equipment/ Spare parts / delivery/Faulty.
* Responsible on Acceptance /Invoices / Master Plan/ site Folders.
* Responsible for Technical Clarifications and compilation of the technical and commercial Proposal.

**Education**

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| **Alexandria University** | 2005 - 2010 |



Electrical, Electronics and Communications Engineering

**Skills**

Engineering • Instrumentation • Piping and Instrumentation Drawing (P&ID) • Distributed Control System (DCS) • ESD control • PLC Ladder Logic • PLC Siemens • Microsoft Excel • Microsoft Word • Unics



**Personal Information**

Nationality : Egyptian

Marital Status : Single

POB : Saudi Arabia

Languages : Arabic , English

DOB : 25/12/1988