

Holds a B. Sc. in Communications & Electronics Engineering and has over 15 years of progressive experience in Instrumentation & Control Projects Execution, Commissioning & Implementation, Technical Support, Design review, Site Inspections.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/01/1984
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Communications & Electronics Engineering, Alexandria University, 2006

LANGUAGES

Arabic : Native Language
English : Good
French : Fair

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet

TRAINING COURSES AND CERTIFICATIONS

: A+
: DCS Schneider (FOXBORO).
: Basic maintenance of medical and laboratory equipments.
: CMMS (Computer Maintenance Management System).
: Motorola Irrigation Central Control System (programming & maintaining).
: Lightning.
: Air Compressor by COMP AIR.
: Abu Qir Training Center (PLC Siemens Step 7).
: EMCS by SCHNEIDER.
: DCS Yokogawa (CENTUM 3000).
: Fire Protection System.
: Training at Egyptian Copper Works.

- : Training at Medical Research Institute.
- : ISO (9001-2000).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jul. 2021 till Jun. 2022
- Employer** : FICHTNER Consultant Engineer
- Project** : Yanbu Phase 3 SWCC - KSA
Yanbu Power and Desalination Plant Phase 3 project for Five units with Super Critical Boilers and Desalination Plant with 6 MFS producing 550,000 m³/day and Total 3100MW.
- Job title** : Sr. I&C Commissioning Engineer
- Job Description** :
- Prepare and maintain commission records of site observations, testing processes and checklists.
 - Supervise and approve commissioning plans in accordance with project guidelines.
 - Compile commission report data for summarizing.
 - Investigating problems and diagnosing and repairing faults and carrying out test procedures.
 - Scheduling and coordinating work to tight deadlines.
 - Ensuring the safe testing and commissioning of completed installations to achieve the necessary plant performance in accordance with project program requirements.
 - Monitoring progress, recording all test results, witnessing final testing and acceptance of equipment and compilation of all documentation for inclusion in the site test dossier.
 - Checking the P&ID Drawing.
 - Commissioning Engineer on different Automation Systems.
 - Commissioning of field instrument & Line checking.
 - All instrument calibration and loop checking.
 - Interlock test and function check for all power plant systems.
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- Dates** : From Jul. 2020 till Mar. 2021
- Employer** : AC Boiler (formerly Ansaldo Caldaie)
- Project** : Assiut Supercritical Power Plant (1x650MW)
- Job title** : I&C commissioning Engineer
- Job Description** :
- Commissioning and start-up for boiler equipment such as:
 - MCC.
 - FD Fan.
 - GR Fan.
 - All control valves (SIEMENS positioner, FOXBORO).
 - All shutoff valves (pneumatic, MOV).
 - Fire Alarm and Fire Fighting System.
 - CEMS.
 - SOOT Blower.
 - SWAS.

- DESP (dry electrostatic participator).
- Fly Ash system (pneumatic valves, vacuum blowers, heat tracing system).

Dates : From Mar. 2019 till Apr. 2020
Employer : FICHTNER Consultant Engineer
Project : Yanbu Phase 3 SWCC - KSA
 Yanbu Power and Desalination Plant Phase 3 project for Five units with Super Critical Boilers and Desalination Plant with 6 MFS producing 550,000 m3/day and Total 3100MW.
Job title : I&C Commissioning Engineer
Job Description :

- Prepare and maintain commission records of site observations, testing processes and checklists.
- Supervise and approve commissioning plans in accordance with project guidelines.
- Compile commission report data for summarizing.
- Investigating problems and diagnosing and repairing faults and carrying out test procedures.
- Scheduling and coordinating work to tight deadlines.
- Ensuring the safe testing and commissioning of completed installations to achieve the necessary plant performance in accordance with project program requirements
- Monitoring progress, recording all test results, witnessing final testing and acceptance of equipment and compilation of all documentation for inclusion in the site test dossier.
- Checking the P&ID Drawing.
- Commissioning Engineer on different Automation Systems.
- Commissioning of field instrument & Line checking.
- All instrument calibration and loop checking.
- Interlock test and function check for all power plant system.

Dates : From May 2018 till Mar. 2019
Employer : TAQA Power Arabia
Project : E- Styrenics Power Generation Plant (2x4.3MW + 1x3.4MW)
Job title : E&I Senior Engineer
Job Description :

- Prepare reports, analyzes data, and make recommendations for improving plant.
- Coordinate with other departments to execute the maintenance activities at the time.
- Execute the plant maintenance program based on best practices in planning schedule.
- Prepare the development plan for maintenance department and follow up it.
- Manage the equipment failures and analysis the causes and do necessary repairs.
- Monitor the inventories of spare parts, maintenance consumable, and reordering it.

Dates : From Apr. 2010 till May 2018
Employer : West Delta Electricity Production Company (WDEPC)
Project : Sidi Krir Thermal Power Plant (2x320MW)
Job title : I&C Engineer
Job Description :

- Commissioning, loop check and interlock for CP-118 & 109 & 117.
- Installation, Calibration and maintenance of Pressure instruments (transmitters, switches ...).
- Installation, Calibration and maintenance of Flow instruments (transmitters, switches ...).
- Installation, Calibration and maintenance of Level instruments (transmitters, switches ...).
- Installation and maintenance of Firefighting system (ZITON).
- Maintenance of Air compressor (COMP AIR).
- Maintenance of Fisher valves.
- Familiar with DCS Yokogawa (CENTUM CS3000), PLC (ALLEN BRADLEY, SIEMENS).

Dates : From Jun. 2007 till Oct. 2009
Employer : Royal Gardens Co. (Abu Dhabi – UAE)
Job title : E&I Engineer
Job Description :

- Installation, operation and maintenance of Pump station (centrifugal and submersible pump).
- Installation, operation and maintenance of AC motor control and protection.
- Installation, operation and maintenance of irrigation control system (Rain Bird).
- Installation, operation and maintenance of electrical playground equipment.
- CMMS (computer maintenance management system).
- Resolving any unexpected technical difficulties and other problems that may arise at any time
- Planning and schedule the work and efficiently organize the site.
- Responsible of installing, and testing of all instruments as per specifications and the project's requirements.
- Maintain spare parts, availability for instruments and keep instrumentation activity records to ensure quality assurance system requirements.