

Holds a B. Sc. in Nuclear Engineering and has about 22 years hands-on experience working in Instrumentation / Project Management / Engineering and Design / Construction / Commissioning.

PERSONAL DATA

Nationality : Egyptian
Birth Date : Sep. 1969
Gender : Male
Marital Status : Married
Residence : Nasr City, Cairo

EDUCATION

: B. Sc. in Nuclear Engineering, Alexandria University, 1993

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Technical Report Writing Skills at Worley Parsons (2009).
- : Risk Assessment Techniques, Probability and Consequence Analysis, Hazard Identification: HAZID and HAZOP, Safety Engineering: SIL and Hazardous Area Classification - training courses by D'APPOLONIA, CB&I Lummus Offices – Cairo (2008).
- : Business English, Pre-Intermediate Level course by the American University in Cairo - School of continuity Education - English Studies Division (from Mar. till Jun. 2008).
- : OSHA (Occupational Safety & Health Administration) Course in Construction safety and Health) by The American University in Cairo, Department of Labor Training at BECHTEL Offices (2005).
- : Mark V / Mark VI Turbine control system design and maintenance course by General Electric Co. (1996).
- : DCS Design and Maintenance course by EISAGE Bailey (1995).
- : PLC Design, maintenance and application course by Egyptian Electricity Authority (1995).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2015 till now
Employer : Middle Delta Electricity Production Co.
Project : Al-Burullus 4800MW Combined Cycle Power Generation Plant
Job title : Construction Manager
Job Description : Manage the owner team for:

- Reviewing and approval of all Engineering and Design Documents.
- Witnessing and follow up all required Construction, Pre-Commissioning, Commissioning activities, FAT and SAT.
- Reviewing and approval the contractors Field Quality Plan.
- Schedule and lead meetings as necessary to keep track of progress on projects.
- Highlight any matters causing delays, cost escalation or compromising the quality and safety of the project.
- Supervise the work being carried out by the contractors on a regular basis and assess the timelines and quality.

Dates : From Mar. 2015 till Sep. 2015
Employer : TRIPLE P - Engineering Solution
Project : NOSPCCO – KAMOSE Platform Detailed Design Project (WHCP, HIPPS, ICSS, Loose Instruments)
Job title : Principal Lead Engineer
Job Description :

- Project Management Consultancy.
- Reviewed the Scope definition, Estimation and Progress control of the instrument engineering Feed and detailed activities.

Dates : From Sep. 2014 till Dec. 2014
Employer : Tecnomare Egypt
Project : Meliha Gas Plant Project
Job title : Instrument Design Engineer
Job Description : FEED & DETAIL Instrumentation Engineering Documents and Drawing, equipment requisitions of the loose Instruments and control systems (ICSS, i.e.: PCS, PSD, ESD, Fire and Gas and WHCP, RTU and HIPPS).

Dates : From Jan. 2014 till Aug. 2014
Employer : Middle Delta Electricity Production Co.
Project : Mahmoudia Combined Cycle Power Generation Plant
Job title : Instrumentation & Control System Maintenance Manager
Job Description :

- Corrective and preventive Maintenance.
- Maintenance of the Field Instrumentation and Control Systems (DCS Bialy, MK6-e, and MK5).
- Troubleshooting Instruments, Gas Turbine and Steam Turbine's Control Systems MK6-E, MK5, and DCS, PLC's problems during plant trip and provide timely response to minimize plant downtime.

Dates : From Dec. 2012 till Jan. 2014
Employer : ODE Egypt (Offshore Design Engineering Limited Co.)
Projects :

- Khalda PICO Project:
 - Feed and detail engineering for the instrument and control system.
- Melieha Plant upgrading - train 5, Agiba Petroleum Company – Egypt:
 - Feed and detail engineering for the instruments and control of 3-phase separator, heater.
- AIS (Automatic Identification System) to protect Rashbitco Gas Platforms from ships collisions:
 - Prepare Specification, Cable Routing, Equipments Layout, and Requisition.
 - Prepare Specification, Datasheet, and Cable Routing for Automatic Information System (AIS) on the Rashbitco Gas platform.

Job title : Principal Lead Instrument Engineer
Job Description : FEED & DETAIL Instrumentation Engineering Documents and Drawing, equipment requisitions of the loose Instruments and control systems (ICSS, i.e.: PCS, PSD, ESD, Fire and Gas).

Dates : From Sep. 2010 till Jun. 2012
Employer : EPPC (Egyptian Propylene and Polypropylene Co.)
Project : Propylene and Polypropylene Production Plant (PDH, PP, Utility)
Job title : I&C Section Head
Job Description :

- Responsible for all I&C work (plant start-up, corrective and preventive Maintenance).
- Troubleshooting Instruments, ESD, F&G, Control Systems (DCS, PLC's) problems during plant trip and provide timely response to minimize plant downtime.

Dates : From Aug. 2008 till Aug. 2010
Employer : Worley Parsons Engineers Egypt Ltd (EPC Company), Cairo
Projects : Oil & Gas Projects, both onshore and offshore:

- Offshore Ramadan6 Complex Platform (At Sues Gulf) Rehabilitation Project - GUPCO / BP (Brown field)
- Muzhil Oil Field – Down Stream / Upstream Facilities, Sour service, H₂S=10% of Crude Oil), The Sweetening system is H₂S Scavenger
- Offshore platform located in the Gulf of Suez producing 20,000 bpd and a reception station with a minimal facilities, Production and utilities are tied into a nearby Suco Facility
- Melrose Project - Upstream Facilities
- North Shadwan Near Shore Line Project Gupco /BP Downstream & Upstream Facilities (Sour service, H₂S=2% of Crude Oil), The Sweetening System is H₂S Scavenger
- West Heat Recovery Unit - ELNG
- West Dikirnis Phase II-Gas Lift Pipeline for Melrose (MELROSE EL MANSOURA Petroleum Co.)

Job title : I&C Lead Engineer
Job Description : FEED & DETAIL Instrumentation Engineering Documents and Drawing, equipment requisitions of the skids, loose Instruments and control systems (ICSS, i.e.: PCS, PSD, ESD, Fire and Gas) and WHCP, RTU and HIPPS.

Dates : From Aug. 2007 till Aug. 2008
Employer : CB&I Lummus (EPC Company) – Cairo
Project : Cracking Ethylene furnaces BA-118 & BA-119 for Nizhnekamsk Neftikim (NKNK), Tatar Stan Republic. Description: The two new heaters are part of an expansion and upgrading program of NKNK's Ethylene plant. NKNK wants to increase the current capacity of approximately 495 kTa to 600 kTa by 2008. Besides the supply of the heaters the project scope also comprises tie-ins, two battery limit platforms and a large transfer line.
Job title : I&C Lead Engineer
Job Description : FEED & DETAIL Instrumentation Engineering Documents and Drawing, equipment requisitions of the skids, loose Instruments and control.

Dates : From Jun. 2006 till Jul. 2007
Employer : ENPPI (Engineering for Petroleum and Process Industries) PMC, Cairo
Project : GUPCO Platforms Rehabilitation Projects (offshore Brown field):

- Off-shore Badri Complex Platform (at Suez Gulf) Rehabilitation Project (GUPCO / BP)
- Off-shore July 10 Complex Platform (at Suez Gulf) Rehabilitation Project (GUPCO / BP)

Job title : ICSS Project Engineer
Job Description :

- Coordinated, worked, in quality, standard and schedule control, the Instrumentation and control systems (ICSS, i.e.: PCS, PSD, ESD, Fire and Gas), WHCP and HIPPS.
- Participated the project and engineering managers to complete task of engineering delivery.
- Interface management between design and construction.
- Participated and coordinated Instrumentation Field & Engineering team performing Instrumentation Engineering.
- Cross-discipline coordination and problem resolution.
- Verification and assessment the existing instruments, existing air study, existing F&G, ESD and Control systems.

Dates : From Jun. 2004 till Jun. 2006
Employer : Bechtel Egypt (PGESCO)
Project : Nubaria Combined Cycle Power Generation Plant:

- 6x250MW gas turbines (SIEMENS) controlled by TELEPERM-XP control system
- 3x250MW steam turbines (Mitsubishi) are controlled by DIASYS control system
- 6 heat recovery steam generator controlled by DCS ALSPA - P320 control system (Alstom)
- POB (E/I) furnished by INITEC Energia (Spanish)

Job title : I&C Commissioning & Start-up Engineer
Job Description :

- Reviewing and approval of all Engineering and Design Documents.
- Witnessing and Follow-up all required Construction, Pre-Commissioning, Commissioning activities, FAT and SAT.
- Reviewing and approval the contractors Field Quality Plan.
- Schedule and lead meetings as necessary to keep track of progress on projects.

- Dates** : From Jun. 1995 till Jun. 2004
- Employer** : Middle Delta Electricity Production Co.
- Project** : Mahmoudia Combined Cycle Power Generation Plant
- Job title** : Instrumentation & Control Junior, Senior & Lead Maintenance Engineer
- Job Description** :
 - Maintenance of the Field Instrumentation and Control Systems (DCS Bialy, MK6-e, and MK5).
 - Troubleshooting Instruments, Gas Turbine and Steam Turbine's Control Systems MK6-E, MK5, and DCS, PLC's problems during plant trip and provide timely response to minimize plant downtime.
- Field of experience** :
 - Instrumentation / Project Management / Engineering and Design / Construction / Commissioning.
 - About 22 years of experience in both green & brown field projects: Oil & Gas, Petrochemicals and Power Plant (Combined and simple cycle power generation plant projects - 4800MW).
 - Overall Experience & Responsibility Handled:
 - Consultancy Services and Project Management.
 - Basic & Detailed engineering (Definition of design criteria, control and safety systems philosophy, logic diagrams, sequences based on control narratives, drawing, layout, wiring diagram, hook-up, MTO, calculation, sizing, ISA datasheet, P&ID, technical and functional specifications, cause & effect diagrams, MRQ's, technical evaluation and follow up activities of documentation by vendors) for ICSS, i.e.: Instrument, PCS, PSD, ESD, Fire and Gas and WHCP, RTU and HIPPS. Sizing, selection, and specifying control valves, safety relief valves, and differential pressure flow elements.
 - Construction and Commissioning Supervision.
 - Protective and Corrective Maintenance Managements.
 - For Brown field projects: Verification and assessment the existing instruments, existing air study, existing F&G, ESD and Control systems.
 - Measurement and reporting of physical progress, Selection, specification, and inspection of instrumentation components.
 - Controlled the standards and scheduled for the Instrumentation and control systems activities.
 - Attendance to Hazop e a SIL assessment sessions.
 - Familiar with related industry standards, including ISA, ANS, NFPA, OSHA, API, IEEE, NEC, etc.