

Holds a B. Sc. in Electronics & Electrical Communication and has about 13 years hands-on experience working in Instrumentation and Automation Control (Specifically DCS & SCADA for Metering Skid).

PERSONAL DATA

Nationality : Egyptian
Birth Date : 19/06/1985
Gender : Male
Marital Status : Married
Residence : Menoufia

EDUCATION

: B. Sc. in Electronics & Electrical Communication, Menoufia University, 2007
: Preliminary Master Degree in 5G, Menoufia University, 2016

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Certified Professional Trainer - 2019.
: Passed successfully in the first year of Oil & Gas Diploma - 2019.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2007 till now
Employer : Belayiem Petroleum Company (PETROBEL/ENI)
Projects :

- ZOHR Onshore Mega Project:
 - FAT & SAT and Completed Pre-commissioning and Commissioning and Start-up activities for the below followings:
 - DCS & SCADA for ZOHR Metering skid (PIETRO FIORENTINI Fiscal Metering System).
 - No. 6 Siemens power gas generation (SGT-400 Control system PCS-7 (414H) and get achieving performance test for the generator

turbines associated with active load bank, load sharing and shedding sys. Sudden load, and Generator checks, running the Turbines for 72 Hrs. to check the reliability and the operability in safe productively.

- Carried out both scheduled and emergency maintenance, repair and Troubleshooting of Control system Issues.
- ESD & FGS ICSS TRICONIX Control Systems (Schneider Electric) and Tricon.
- DCS_ orchestra Schneider Electric & Allen Bradley/ RS-Logic-5000.
- ESD and F&G Systems (HIMA/HIMAX).
- PCS-7 (S400) Control system used in rotating machinery's, SRU, SFU, Compressors and MRU, MEG OFF Compressors and along with the Coordinating, Managing and Providing technical support for all the team with focused on activities were performed in such way to meet company goals for plant regularity and safety.
- Nile Delta Fields:
Participated in FAT/SAT, Pre-Commissioning & Commissioning and Start-up of the following projects:
 - No. 4 Solar Gas turbines retrofit (Allen Bradley RS- Logic-5000) El Q'ara Plant.
 - No. 11 GE Turbo-compressors (PGT-10) retrofit Controlled by (Mark VI Control sys.).
 - Migration of LPG ESD/PLC from Siemens S5 to be Siemens S7 (400H).
 - Upgrading the LPG single control loops P4000 to Siemens PCS - 414H).
 - Upgrading El Q'ara single control loops MOD.30 to INVENSYS DCS I/A Series V8.7.
 - Upgrading El Q'ara ESD August to ESD ABB-800xa.
 - Upgrading the Turbines control system from Suvimac 2 to Mark 6 control sys.
- GUPCO Instrumentation & Control Senior Commissioning Engineer at Morgan_36 Platform Rehabilitation:
 - Completed Installation & Pre-commissioning, Commissioning, and Start-up activities for Yokogawa (Pro-Safe) ISS_SCS (ESD and FGS).
 - Reviewed and Commented Installation & Pre-Commissioning and Commissioning Procedures and Certificates along with ITS (Inspection Test Summaries).
 - Ensuring Sustainability in such a proper way to meet Company Goals and Objectives for Plant regularity and Safety manner.

- Field of experience :**
- Main Responsibilities:
 - DCS & SCADA for ZOHR Metering Skid (PIETRO FIORENTINI Fiscal Metering System).
 - Preparing preliminary studies, technical support for industrial process measurements.
 - Strong capability to develop junior staff; build high performing teams, Project managing engagements and leading fieldwork.

- Analyzing and interpreting schemes, drawings, and safety rules.
- Prepared tools and material suitable for installation, Commissioned of equipment's and systems to comply with Project standard and aspects.
- Prepared and registered all procedures used for the commissioning activities.
- Performing all functional & operational tests after Commissioning phase.
- Ensuring compliance with safety procedures inherent in work with the proper risk assessment.
- Detecting and analyzing the root causes of malfunctions, correcting deficiencies in the relevant equipment's, proposing the necessary solutions to improve, increase equipment's reliability.
- Monitoring the reports during the commissioned activity and recording all interventions on the equipment's.
- Analyzing the needed resources to assess project feasibility and comply with standard and aspects.
- Carrying out studies and drafting technical specifications for the development of industrial processes measurement.
- Analyzing and interpreting schemes, drawings, safety rules and/or other technical specifications.
- Evaluating and/or carrying out the installation, Commissioning and operations of all process like pneumatic & hydraulic E&I equipment's.
- Prepared tools and materials suitable for the installation & Commissioning of equipment's and systems.
- Analyzing and/or registering all procedures used for the commissioning activities.
- Performing all functional and operational tests after equipment's Commissioning.
- Ensuring compliance with safety procedures inherent in work with the proper risk assessment.
- Detecting and Analyzing the root causes of malfunctions, correcting deficiencies & malfunctions in the relevant equipment and proposing the necessary solutions to improve, increase equipment reliability.
- Monitoring the reports drafted during the commissioning activity and recording all interventions on the equipment's.
- Technical Skills:
 - Using EMIMS/CCMS (ENGINEERING MASTER INFORMATION MANAGEMENT SYSTEM / COMPLETION COMMISSIONING MANAGEMENT SYSTEM) as a project database for system and subsystem which contain the following criteria:
 - ❖ Mechanical Completion Certificate (CCC).
 - ❖ Inspection Test Record (ITR) & Punch list items Certificates and Reports.
 - ❖ Punch list Register, Outstanding Work list Reports).
 - Using SAP /CMMS in the followings:
 - ❖ Creating M.S.R.
 - ❖ Material Warehouse transfer.

- ❖ Preventive & Corrective and Predictive maintenance.
- ❖ Schedule Chart for Machines Overhauling & Maintenance.
- ❖ KPI (Key Performance Indicators).