

Holds a B. Sc. in Mechanical Engineering and a Welding Technology Diploma. Has over 10 years hands-on experience working in commissioning field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 22/11/1988
Gender : Male
Marital Status : Married
Residence : Kafr El-Sheikh

EDUCATION

: B. Sc. in Mechanical Engineering, Alexandria University, 2014
: WELDING TECHNOLOGY DIPLOMA, Faculty of Technological College in Port Said, 2007

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: Autodesk Navisworks

TRAINING COURSES AND CERTIFICATIONS

: Process Simulation and Design Engineering Diploma:

- Steady State process and Dynamic state process.
- DCS simulator for process panel operation.
- Interpreting of technical drawing (PFD, PID, and UFD) and documentation.
- Process Plant design from mechanical integrity, safety and reliability point of view.

: Qualified and certified in Non-Destructive Testing NDT with the guidance of the recommended practice no. SNT-TC-1A American Society for Non-Destructive Testing (ASNT) in the following categories:

- Liquid Penetrant Testing (PT).
- Radiographic Testing (RT).
- Magnetic Particle Testing (MT).

- Ultrasonic Testing (UT).
- : MEP Design Diploma from EGY CET ACADEMY and Egyptian Engineers Syndicate (HVAC, ELITE FIRE, HAP).
- : Confined Space entry training.
- : Lockout - Tag out training.
- : H2s training.
- : OSHA training.
- : ICDL

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Mar. 2017 till now
- Employer** : GS E&C
- Project** : Egyptian Refinery Company (TAKRER)
- Job title** : Commissioning Engineer (HCU Unit - Field & DCS)
- Job Description** :
- Perform and supervise for All piping Pre-Commissioning Activities as Drying, Air Blowing, chemical cleaning, lube oil flushing, steam blowing, Amin Degreasing, water flushing...etc.
 - Manage commissioning activities in all phases of the project, incl. design, construction, acceptance, and operation by coordinating collaboratively with the Owner/Client, Designer, Contractors, and Testing Agencies.
 - Control and manage commissioning permit work and Complete JSA/TRA for each Pre-Commissioning & Commissioning activity.
 - Execution Internal Inspection and final Boxing up for Reactors and vessels.
 - Perform catalyst loading, sand filters loading and activated carbon filters loading (UT).
 - Control and manage the interface and Battery limit between HCU and other units.
 - Prepare Leak test procedure and execute leak test and service equipment and Instruments.
 - MRT Mechanical Run Test execution for Pumps, Compressors and all rotating Equipment.
 - Execute start-up, shut down and operating procedures for compressors, furnaces, distillation towers, electric motors, fans, pumps, instrumentation, valves and alarms.
 - Maintaining efficient operating conditions and procedures to meet the required product yield and quality on shift assigned.
 - Complete and execute Pre-Commissioning & Commissioning activities as identified within each system Commissioning Function Test Procedure.
 - Prepare equipment for scheduled maintenance with lock out/tag out.
 - Communicate with console operator, supervision and other refinery personnel.
 - Compile and record operating data, instrument readings and documents.
 - Monitor and adjust unit controls to ensure safe and efficient operating conditions.
 - Perform catalyst sulfiding and aniline injection.

- Execute safely initial start-up.

Dates	:	From Dec. 2015 till Mar. 2017
Employer	:	ORASCOM - SIEMENS CONSORTIUM
Project	:	Al-Burullus Combined Cycle Power Plant 4800MW
Job Description	:	<ul style="list-style-type: none"> • As Commissioning Engineer: <ul style="list-style-type: none"> - Commissioning and start-up of nature gas station of the plant. - Work outside in the plant and in constant communication with the Panel Operator and Lead Operator directly and/or by radio in field operations such as making manual adjustments to valves and equipment, etc. - Observe local instruments, gauges, and meters to verify conformance to standard operating practice. - Start and stop pumps, compressors and other equipment based on the direction of the panel operator. - Patrol the plant and ensures that the equipment is operating normally and that no unusual conditions exist. - Responsible for preparation such as plant isolation etc., for day-to-day maintenance work. - Perform daily check and minor maintenance based on the check list, etc. • As Technical Office Engineer: <ul style="list-style-type: none"> - Review Drawings, Specification, PFD and P&ID Design for all Mechanical Systems. - Plan and Establish Execution or Constructability Plan Mechanical. - Review All Project Material Selection, Specifications, MTO, PO Status and LLI. - Preparing project Reporting systems (Progress, Daily, Biweekly, Monthly....). - Preparations of Mechanical Method statements, Risk Assessments. - Preparation of Site Material Control System as Receiving, Traceability, and Handover. - Preparation and review Lifting Plans for critical lifting activities. - Follow up, Monitoring, Control, and Distribute all Engineering Deliverables IFC Drawings to site teams. - Preparing, follow up for piping Spool fabrication starting from material sorting, classification, Handling, fit up, Welding, NDT, Installing and Hydro / Pneumatic tests. - Monitor critical activities based on the project schedule and advise project management. - Monitor of Mechanical Activities Progress by using S- Curve, Mile stone, Earned Gain value. - Solve any technical conflict, problems between disciplines during the construction phase. - Follow up and establish logs for TQ, RFI, SON, NCR and Site Instructions. - Prepare Weld map, Hydro test Map, Welding books, Test Packages, check list and Punish, list for Piping, Vessels, Tanks and Skid mounted packages.

Dates : From Sep. 2013 till Nov. 2015
Employer : ELSEWEDY Electric PSP
Project : Attaqa 650MW Simple Cycle Power Plant
Job title : Commissioning Supervisor
Job Description :

- Co2 firefighting system and transformers firefighting system for four units.
- Preparation of (Gas Turbine; Generator; Combustion chamber; Air intake system; Platforms; Stack; Air handling unit;etc.) for commissioning.
- Lube Oil Flushing and Chemical cleaning Activities.
- Blowing off and flashing for piping lines.
- Responsibility for Commissioning punch closing in modules 2 & 4.
- Start-up Plant and Maintain all troubleshooting during initial start-up.

Dates : From Mar. 2009 till Jul. 2013
Employer : TCI SANMAR Chemicals S.A.
Job title : Commissioning Supervisor
Job Description :

- Executing erection, pre-commissioning and commissioning activities followed by trial runs.
- Preparing pre-commissioning checklist, punch list, air flushing/air blow and test run procedure.
- Ensuring effective site management and discipline to ensure safe & timely execution projects.
- Meeting targeted performance/ quality & quantity parameters and thereafter handing over of the plant.
- Authorized to issue and following corrective and preventive permits (cold, hot, confined space and electrical).
- Following of Isometric of Plant.
- Full operation process and monitoring for the following:
 - 200 MTPA PVC production capacity.
 - Chemical additive preparation section and DM water.
 - 12 reactor working with closed system (BASF) technology.
 - VCM recovery unit containing.
 - Drying section containing.
 - Bagging and conveying system.

Field of experience :

- Commissioning & Operation Engineer and Pre-commissioning activity to initial start-up in (EPC) PROJECT.
- Qualified and certified in Non-Distractive-Testing (NDT).
- Extensive knowledge in welding technology, material metallurgy and piping work.