

Holds a B. Sc. and a Diploma in Electrical Power & Machines Engineering and has over 16 years' experience working in operation, commissioning and start-up at Combined Cycle Power Plants (Gas Turbines, Heat Recovery Steam Generators HRSGs, Steam Turbines and Auxiliaries).

PERSONAL DATA

Nationality : Egyptian
Birth Date : 24/12/1983
Gender : Male
Marital Status : Married
Residence : Currently Iraq

EDUCATION

- : B. Sc. in Electrical Power & Machines Engineering, Tanta University, 2006
- : Diploma in Electrical Power & Machines Engineering, Tanta University, 2018

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

- : Windows, MS Office, Internet
- : Matlab programming
- : Inverter operation

TRAINING COURSES AND CERTIFICATIONS

- : HSE Training Course - COW Training Area Authority (AA).
- : HSE Training Course - COW Training Performing Authority (PA).
- : Rumaila - Introduction to Control of Work (COW).
- : Rumaila - Electrical Safety Rules.
- : Rumaila - Hazard Identification.
- : Rumaila - HITRA Awareness.
- : Rumaila - Safety Foundation.
- : Rumaila - Electrical Isolation.
- : Rumaila - Working at Height.
- : Rumaila - Process Isolation.
- : Rumaila - Manual Handling.

- : Rumaila - Hot Work Awareness.
 - : Rumaila - Excavation.
 - : GE Gas turbine & generator operation in Belfort – FRANCE.
 - : GE SPEEDTRONIC TM MARK VIe (ETS) GT operation in Belfort – FRANCE.
 - : GE EX2100e Excitation and LS2100 Static Starter in Belfort – FRANCE.
 - : SIEMENS Gas turbine & generator operation in Middle Delta Electricity Production Company Training Center.
 - : Attend the training in Ansaldo Caldaie HRSG OPERATION (design, I&C, pressure parts, valves and actuators, main components, parcol, ABB) in Gallarate – ITALY.
 - : Attend the training and stand the final test in HP/IP – LP BOILER FEED PUMPS AND CONDENSATE EXTRACTION PUMPS.
 - : Attend the training in HYUNDAI HEAVY INDUSTRIES jobsite training program for testing and operation of 245KV GIS.
 - : Attend the training in ABB ITALY CENTER in concerning operation and configuration of pressure transmitters 266 series temperature transmitters TTF300 hand held terminal DHH805.
 - : Training course in occupational safety and health, Banha Power Station, Egypt.
 - : Training course in construction, maintenance and operation of Vertical pumps (CWP, SWP & RWP), Hyundai Pump Company, Banha Power Station, Egypt:
- The on-site training course contents of:
- Electrical Operation & Maintenance for Medium and low voltage switch gears all panel and system.
 - Operation & Maintenance in Class Training and On-Site for the turbine, generator, Transformer.
 - Training of all component and auxiliary of the power station.
 - Generator Protection Functions and Synchronizing Panel training.
 - Operation & Maintenance in Class Training and On-Site for the transformers.

CHRONOLOGICAL EXPERIENCE RECORD

Dates	: From Feb. 2023 till now
Employer	: Bonatti
Project	: Iraq Rumaila Power Plant (5 gas turbines GE 6 Simple Cycle) and Gas Treatment Plant
Job title	: Shift Charge Engineer
Job Description	: <ul style="list-style-type: none"> • Directly oversee the operation of 5 GE6 gas turbines, each with a capacity of 35MW, ensuring optimal power generation through Mark VIe control systems. • Manage the H2S Analyzer System and Fuel Gas Compressors, maintaining safety standards and process efficiency in the Gas Treatment Plant. • Supervise HV and MV switchgear systems (132KV and 11KV), ensuring continuous and reliable power distribution to the Rumaila oil field station. • Implement and monitor Control of Work (CoW) procedures, acting as Area Authority, reviewing and authorizing risk assessments, and conducting walkdowns to assess and mitigate potential hazards.

- Lead response efforts during emergencies, coordinating with site personnel to ensure quick resolution and continuity of operations.
- Mentor and provide guidance on CoW best practices to staff, supporting the development and rollout of Control of Work Improvement Plans.

Dates : From Dec. 2021 till Feb. 2023
Employer : Middle Delta Electricity Production Co.
Project : Banha Power Plant
Job title : Shift Charge Engineer
Job Description :

- Supervised operations of 2x250MW GE gas turbines (9FA) and Ansaldo Caldaie HRSGs, managing start-up, shutdown, and continuous operations.
- Responsible for the operation of a 250MW Ansaldo Energia steam turbine and maintaining hydrogen systems critical for turbine performance and safety. Directed plant shift staff, ensuring adherence to safety protocols and overseeing routine testing and inspections to prevent failures.
- Conducted comprehensive risk assessments and coordinated the isolation of plant systems during maintenance activities.
- Administered Permit-to-Work (PTW) systems, ensuring all work was performed under stringent safety conditions, and collaborated with field teams to assess risk and implement safety measures.

Dates : From Feb. 2020 till Dec. 2021
Employer : Ansaldo Energia
Project : Extension West Damietta Power Plant
Job title : Commissioning & Start-up Operation Engineer
Job Description :

- Led pre-commissioning, commissioning, and performance testing phases of Ansaldo Energia's newly constructed combined cycle power plant, ensuring plant systems met operational standards.
- Coordinated start-up and testing of steam turbine generators (STG), including both high and low-pressure systems.
- Produced test reports, validating compliance with technical specifications and recommending improvements to maximize plant efficiency.

Dates : From May 2018 till Feb. 2020
Employer : Ansaldo Energia
Project : 6th October Power Plant
Job title : Commissioning & Start-up Operation Engineer
Job Description :

- Spearheaded commissioning activities, managing STG Ansaldo Energia turbines, air-cooled condensers, and HRSG Ansaldo Caldaie boilers.
- Ensured smooth operational transitions from pre-commissioning to full operational status.
- Supervised Distributed Control Systems (DCS) for turbine operations, ensuring optimal functionality of power generation and auxiliary systems.

Dates : From Jan. 2018 till Apr. 2018
Employer : Schneider Electric

- Project** : Zohr Project
- Job title** : Electrical Commissioning Engineer (oil & gas)
- Job Description** :
- Conducted MV Switchgear commissioning (6.6KV Schneider), performing electrical loop checks and validation tests.
 - Oversaw the commissioning of power transformers and low voltage switchgear (MCC Block Set, 400V Schneider), ensuring proper installation and functionality.
 - Facilitated technical meetings and developed documentation for major equipment commissioning, ensuring adherence to safety and performance standards.
- Dates** : From Jul. 2017 till Jan. 2018
- Employer** : Egyptian Maintenance Company (EMC)
- Project** : Atoll Project, Port Said
- Job title** : Electrical Commissioning Engineer (oil & gas)
- Job Description** :
- Managed electrical commissioning for MV and LV switchgear, transformers, and associated systems, ensuring readiness for operation.
 - Developed and executed witness test procedures, documenting compliance with project requirements and technical specifications.
- Dates** : From Oct. 2012 till Jul. 2017
- Employer** : Middle Delta Electricity Production Company
- Project** : Banha Power Plant
- Job Description** :
- Supervisor Operation Engineer (from Oct. 2016 till Jul. 2017):
 - Supervised the operation of a 750MW combined cycle power plant utilizing 2 GE gas turbines (9FA) and Ansaldo Caldaie HRSGs.
 - Coordinated the operation of auxiliary systems, switchgear, and associated plant equipment, ensuring continuous, efficient, and safe operation.
 - Administered PTW systems for high-risk maintenance activities, ensuring compliance with safety regulations.
 - Steam Turbine Operation Engineer (from Oct. 2014 till Oct. 2016):
 - Directed the operation of a 250MW Ansaldo Energia Steam Turbine, ensuring efficient and safe performance in both start-up and shutdown processes.
 - Collaborated with maintenance teams to diagnose issues and implement solutions for plant systems.
 - Gas Turbine GE Operation Engineer (from Dec. 2013 till Oct. 2014):
 - Monitored and controlled operations of 2x250MW GE gas turbines (9FA), ensuring compliance with operational standards.
 - Coordinated start-up and shutdown activities, diagnosing and troubleshooting system anomalies.
 - Commissioning & Start-up Operation Engineer (from Oct. 2012 till Dec. 2013):
 - Conducted Steam Blowing for two Ansaldo Caldaie HRSGs and steam piping to ensure system cleanliness and readiness.
 - Led the Commissioning, Start-up, and Operation of two HRSG units and one steam turbine, ensuring seamless integration into operations.
 - Participated in the First Rolling of the Steam Turbine, adhering to all

safety protocols.

- Collaborated with cross-functional teams to troubleshoot commissioning and start-up issues.
- Maintained records and reports for all activities, ensuring compliance with technical standards.

Dates : From Mar. 2008 till Oct. 2012

Employer : Middle Delta Electricity Production Company

Project : Nubaria Power Plant

Job title : Control Room Operator

Job Description :

- Operated 750MW combined cycle power station, overseeing 4 Siemens gas turbines (V94.3A), steam turbines, switchgear, and transformers.
- Conducted troubleshooting and corrective actions to ensure safe, reliable operation of critical power systems.

Field of experience :

- Gas Turbine Operations (GE).
- Steam Turbine Operations (Ansaldo Energia).
- Mark VIe Control Systems.
- Distributed Control Systems (DCS).
- Heat Recovery Steam Generators (HRSG).
- High Voltage / Mid Voltage Switchgear Systems.
- Electrical Power Systems.
- Transformer Operations.
- Electrical Commissioning and Start-up.
- Control of Work (CoW) Procedures.
- Risk Assessment and Hazard Management.
- Permit-to-Work (PTW) Systems.
- Leadership and Team Management.
- Emergency Response Coordination.
- Problem Solving and Troubleshooting.
- Safety Management.
- Project Coordination.
- Training and Mentorship.
- HSE Training.
- Electrical Safety Rules.
- Hazard Identification.
- Manual Handling.
- Hot Work Awareness.