

Holds a B. Sc. in Mechanical Power Engineering and has over 28 years experience working in construction, maintenance, operation, commissioning and start-up at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 09/08/1969
Gender : Male
Residence : Currently UAE

EDUCATION

: B. Sc. in Mechanical Power Engineering, 1992

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office, Internet
: ERP systems

TRAINING COURSES AND CERTIFICATIONS

: Professional Project Management.
: Project management fundamental.
: Fundamental of management.
: Root cause analysis - UAE.
: Advanced power plant performance - USA.
: Fundamental of power plant performance - USA.
: Asset Integrity - Intertek.
: Risk Based Inspection.
: Vibration Analysis.
: Power Transformers - Siemens.
: Finance for Non-Finance.
: Alstom International EHS Passport training.
: ISO 14001, OHSAS 18001.
: Lead audit - ISO 14001, OHSAS 18001.

: ISO 9001-2000.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jun. 2022 till now
Employer : GE
Project : Hassyan Coal Power Plant (4x660MW), Dubai - UAE
Job title : Performance Team Lead
Job Description :

- Lead the preparations and implementation of the power plant performance test.
- Review engineering drawings and specifications to ensure adequate provisions have been made for Performance test.
- Plan the performance test requirements for the four units.
- Ensure that plant systems are operating as per design.
- Ensure that the testing equipment are calibrated.
- Define deficiencies impact the plant Heat rate.
- Manage the installation of the testing equipments.
- Co-ordinate the performance test with the client and subcontractors.
- Calculate the performance indicators for the plant equipment.

Dates : From Nov. 2021 till May 2022
Employer : CIS - Consulting Inspection Services L.L.C, Egypt
Job title : Project Technical Manager
Job Description :

- Manage the Ownership transfer of the first BOOT Project (Sidi Krir Power Plant 3 & 4) in Egypt from the Project establishing company to the Egyptian Government (EEHC).
- Define the Company Obligations and EEHC rights in reference to the PPA.
- Prepare and manage the Project inspection plan.
- Define the Project organization and required resources.
- Define inspection and testing techniques.
- Define the list of required documents and reports.
- Be the focal point of Communications with the establishing company.
- Lead and guide the team to identify the equipment status and deficiencies.
- Lead the Preparation of bill of material (BOM) for the deficiencies and findings.
- Lead the Pricing for identified BOM.
- Prepare the Project Close out Report.

Dates : From May 2021 till Oct. 2021
Employer : GE
Project : Hassyan Coal Power Plant (4x660MW), Dubai - UAE
Job title : Commissioning Specialist
Job Description :

- Start-up & Commissioning Specialist for the water and steam cycle systems (WSC).
- Review engineering drawings and specifications to ensure adequate

provisions have been made for testing, flushing, cleaning and other pre-commissioning functions.

- Ensure that system quality documents are fulfilled, review turnover packages, and provide records for systems commissioning data.
- Review the commissioning procedures.
- Provide technical assistance for main systems commissioning and GE's delivered equipment.
- Provide quick and efficient technical support to timely support the resolution of the technical problems.
- Attend regularly scheduled "on site" commissioning meetings.
- Lead Commissioning and client systems walkdowns.
- Lead closing the commissioning punch list.

Dates : From Feb. 2020 till May 2021

Employer : Performance and Energy Services Co. (Pernes), Egypt
Performance and Energy Service (PERNES) provides Commissioning, Services, equipments and Spare Parts to the Power and Energy Sectors in Egypt. The company focus on Performance and Efficiency Enhancement and Root Cause Analysis.

Job title : Operations & Commissioning Manager

Job Description :

- Define the strategy in accordance with the contractual project requirements.
- Planning, preparation, and execution of all the activates up to the project's completion according to the defined strategy.
- Implement and follow up the business quality and EHS policies.
- Direct and supervise the commissioning organization during the commissioning and acceptance tests of the project.
- Co-ordinate the various commissioning groups within the company, its partners and any third parties.
- Check, validate and review regularly the commissioning schedule, progress, and budget.
- Ensure that the commissioning is carried out in accordance with the commissioning safety rules.
- Update the commissioning System Time Schedule (STS) on a regular basis.
- Ensure that Routine Maintenance schedules are drawn up and maintained for the commissioning and operations period through to Client hand over.
- Ensure the plant meet the contractual conditions of the Plant performance.

Dates : From Jul. 2019 till Dec. 2019

Employer : GE

Project : Taishan Nuclear Power Plant (2x1750MW), China

Job title : Commissioning Specialist

Job Description :

- Start-up & Commissioning Specialist for Conventional Island (CI) (water and steam cycle).
- Review engineering drawings and specifications to ensure adequate provisions have been made for testing, flushing, cleaning and other

pre-commissioning functions.

- Ensure that system quality documents are Fulfilled, review turnover packages and provide records for systems commissioning data.
- Review the commissioning procedures for the water and steam cycle systems.
- To provide technical assistance for CI main systems commissioning and CI GE's delivered equipment.
- To provide quick and efficient technical support and advices to timely support the resolution of the technical problems related to CI systems commissioning.
- Provide advice on the commissioning engineers' demand for the CI main systems commissioning and CI GE's delivered equipment.

Dates : From Feb. 2018 till Jun. 2019
Employer : Performance and Energy Services Co. (Pernes), Egypt
Job title : Operations Manager
Job Description :

- Set Strategy, Business Plan and Objectives.
- Ensure the development of policies and procedures.
- Oversee daily operations for the organization including Technical, accounting, contract administration, procurement, Taxes, legal and other administration functions.
- Coordinate the development of key performance goals for functions and direct reports.
- Manage Customer Relationships and ensure a high level of customer satisfaction and overall delivery and quality of the company offerings to customers.
- Provide technical support during developing projects/services.
- Develop the project / services execution plan.
- Prepare and follow up the company budget.
- Ensure Risk Management Program is in place and implemented.

Dates : From Jun. 2016 till Jan. 2018
Employer : PESCO, UAE
Project : Petromasila 3x25MW GE frame TM2500, Yemen
Job title : Construction & Commissioning Manager
Job Description :

- Review the project plan and schedule deliverables and estimate costs.
- Keep abreast in planning strategies to achieve project completion with available resources.
- Oversee and coordinate all onsite and offsite constructions.
- Prepare internal and external reports pertaining to job status.
- Analyze, manage and mitigate the project risks.
- Ensure quality construction standards and the use of proper construction techniques.
- Negotiate terms of agreements, draft contracts and obtain permits and licenses.
- Ensure the plant meet the contractual conditions of the Plant performance.
- Plan, develop, co-ordinate and direct start-up activities for the power plant.

- Review and approve key start-up methods, procedures and schedules.
- Plan the required resources for the commissioning activities (Manpower, Vendors, tools, testing equipments, consumables).
- Review the status of punch listing to ensure systems turned over to commissioning in a safe and efficient manner.
- Ensure that work being performed is within scope of services and within budget.

Dates : From Aug. 2015 till Jun. 2016
Employer : GE / Alstom Power
Project : Tanjung Bin 4 Coal Power Plant 1000MW, Malaysia
Job title : Commissioning Specialist
Job Description :

- Start-up & Commissioning Specialist for the water and steam cycle systems.
- Review engineering drawings and specifications to ensure adequate provisions have been made for testing, flushing, cleaning and other pre-commissioning functions.
- Identify the required spare parts, consumables, and tools for the systems commissioning.
- Fulfill system quality documents, review turnover packages and provide records for systems commissioning data.
- Prepare the commissioning procedures for the water and steam cycle systems.
- Perform cold and hot commissioning for all water and steam cycle systems in safe manner.
- Conduct system walk downs and generate punch-lists.

Dates : From Jul. 2009 till Jul. 2015
Employer : CGN-EDRA
Projects : Port Said, Suez Gulf and Sidi Krir Power Stations (2x341.25MW each)
Job title : Group Engineering Manager
Job Description :

- Monitor and evaluate the Power Plant performance in relation to PPA.
- Manage the Major Overhaul Projects including the turbines - Generators for the three power stations.
- Ensure that maintenance plans have considered the required plant availability, reliability and performance.
- Identify and manage the implementation of the plant modifications and Equipments upgrades.
- Prepare and manage the yearly Capex budget for the three sites.
- Provide technical leadership for the three sites.
- Utilize industry resources to identify new and innovative techniques and best practices.
- Lead the Implementation of the Root Cause Analysis (RCA) program across the sites.
- Support the plants in risk reduction.
- Support the mother company in Business Development opportunities.

Dates : From Mar. 2005 till Jun. 2009
Employer : GLOBELEQ
Project : Sidi Krir 3 & 4 – 2x341.25MW Thermal Power Plant - Alexandria
Job title : Engineering & Planning Manager
Job Description :

- Manage the Plant performance Monitoring Program.
- Manage the Major Overhaul Projects including the turbines - Generators.
- Ensure that maintenance plans have considered the required plant availability, reliability and performance.
- Identify and manage the implementation of the required plant modifications and Equipments upgrades.
- Provide technical leadership and utilize industry resources to identify new and innovative techniques and best practices.
- Support the plant in risk reduction.
- Manage the Root Cause Analysis Program.
- Prepare and manage the yearly budget including the Capex budget.
- Manage yearly scheduled outage.
- Manage the implementation of the quality management system ISO 9001-2000.
- Manage and direct IT and Document Control Center.

Dates : From Feb. 2002 till Mar. 2005
Employer : INTERGEN
Project : Sidi Krir 3 & 4 – 2x341.25MW Thermal Power Plant - Alexandria
Job title : Senior Plant Engineer
Job Description :

- Analyze the plant performance.
- Planning maintenance activities and prepare maintenance progress reports.
- Prepare root cause analysis reports for plant equipments events.
- Support maintenance and operation departments by providing technical assistance to the plant departments.

Dates : From Nov. 2000 till Jan. 2002
Employer : BECHTEL
Project : Sidi Krir 3 & 4 – 2x341.25MW Thermal Power Plant - Alexandria
Job title : Lead Commissioning & Start-up Engineer
Job Description :

- Start-up & Commissioning Engineer of the power plant systems.
- Develop system scoping documents, review turnover packages.
- Worked closely with the client personnel and vendors.
- Review engineering drawings to ensure adequate provisions have been made for commissioning functions.
- Conduct system walk downs and generate punch-lists.
- Administer the safety and clearance tagging procedure.

Dates : From Feb. 2000 till Oct. 2000
Employer : ABB
Project : 2x330MW Thermal Power Plant, Coal firing boilers, Jorf Lasfar - Morocco
Job title : Shift Charge Engineer

Job Description : Responsible for operation of all power plant equipment during start-up and commissioning.

Dates : From Oct. 1998 till Dec. 1999
Employer : TECHINT Cimimentubi
Project : Sidi Krir Units 1 & 2 (2x324MW) Thermal Power Plant, Alexandria
Job title : Lead Commissioning & Start-up Engineer
Job Description : Start-up & Commissioning of all Balance of Power Plant equipments.

Dates : From Jun. 1998 till Sep. 1998
Employer : ABB SAE SADELMI
Project : (5x25MW) Coal Thermal Power Plant - Ulaanbaatar, Mongolia
Job title : Commissioning & Operation Engineer
Job Description : Commissioning & Operation of two boilers (220t/h each, Coal Firing).

Dates : From Jan. 1996 till Mar. 1998
Employer : ABB SAE SADELMI
Project : Al-Taweelah "B" (6x150MW) Thermal Power & Desalination Plant - Abu Dhabi, UAE
Job title : Start-up & Operation Engineer
Job Description : Start-up, Commissioning and Operation of all Power Plant Equipments.

Dates : From Apr. 1994 till Dec. 1995
Employer : Egypt-Japan for Steel Industrial Company, 10th of Ramadan City - Egypt
Job title : Mechanical Maintenance Engineer
Job Description : Responsible for the mechanical maintenance of the factory equipments.