

101786-MEC-148MOS-S-2011
Mechanical Commissioning & Start-up Field Operator

Highly skilled and result-oriented Mechanical Commissioning, Start-up and Field Operations Specialist with about 15 years of robust international experience across major power generation plants, supercritical thermal units, combined cycle systems, oil refineries, and large-scale water treatment facilities. Demonstrated technical proficiency in executing pre-commissioning, commissioning, system isolation, and live operational handling of critical systems, including high-pressure boiler feed water, massive wastewater treatment facilities, steam blow activities, and comprehensive utility systems. Strong track record of prioritizing safety, operational efficiency, and cross-functional team coordination in high-stakes environments.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 30/11/1986
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: Don Bosco Institute, 2005

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: ICDL certified.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Apr. 2025 till now
Employer : Elsewedy Electric
Project : Rabigh CCPP 1200MW
Job title : Mechanical Commissioning & Start-up Field Operator
Job Description :

- Spearhead mechanical commissioning, pre-commissioning procedures, and functional test runs for critical utilities at Rabigh Combined Cycle

Power Plant (Rabigh CCPP 1200MW).

- Conduct detailed fieldwork, monitoring startup sequences and validating systems for safe integration and commercial operation.

Dates : From Sep. 2022 till Feb. 2025
Employer : Suez International
Project : Wastewater Treatment Plant, Alexandria
Job title : Skilled Operating Technician
Job Description :

- Supervised shift-based operations and routine maintenance handling at a mega Wastewater Treatment Plant (Designed Capacity: ~800,000 m³/day).
- Maintained strict compliance with complex fluid mechanics and chemical processing parameters to guarantee seamless, full-capacity plant efficiency.
- Executed preventative interventions and field diagnostics to ensure asset reliability and minimize operational downtime.

Dates : From Jun. 2021 till Aug. 2021
Employer : MIDOR – Middle East Oil Refinery (shutdown)
Job title : Mechanical Maintenance Supervisor (Static Equipment)
Job Description :

- Managed maintenance, flange management, and joint integrity assessments for static mechanical equipment during high-intensity refinery shutdown operations.
- Led technician crews in overhauling, inspecting, torqueing, and pressure-testing units under compressed turnaround schedules.

Dates : From Jun. 2018 till May 2021
Employer : BP EGYPT
Project : West Nile Delta Gas Development Project, Idco
Job title : Mechanical Commissioning Technician
Job Description :

- Served as a certified Isolation Authority (IA) and Performing Authority (PA) within strict PTW (Permit to Work) frameworks.
- Coordinated mechanical commissioning and start-up (CSU) sequence activities safely for complex natural gas processing loops.

Dates : From Apr. 2017 till May 2018
Project : Al-Shabaab Power Project phase II
Job title : Mechanical Commissioning, Start-up & Maintenance Specialist
Job Description :

- Drove the commissioning logic and initial start-up phases for combined cycle extensions within the mega 1500MW facility.
- Resolved mechanical faults during the transition from testing phases to live steady-state operations.

Dates : From Nov. 2016 till Apr. 2017
Employer : INITEC ENERGIA
Project : SUEZ THERMAL POWER PLANT (1x650MW)
Job title : Mechanical Commissioning & Start-up Field Operator

- Job Description** : Operated and systematically verified thermal power plant utility packages including closed cooling loops and service water.
- Dates** : From Oct. 2015 till Feb. 2016
- Employer** : INITEC ENERGIA
- Project** : Giza North CCPP 3x750MW
- Job title** : Mechanical Commissioning & Start-up Field Operator
- Job Description** : Supported the combined cycle layout functional checkouts, ensuring zero-incident field execution of multi-train utilities.
- Dates** : From Oct. 2011 till Sep. 2015
- Employer** : TECHINT ENGINEERING & CONSTRUCTION
- Project** : EL AIN EL SOKHNA SUPERCRITICAL THERMAL POWER PLANT (2x650MW)
- Job title** : Mechanical Commissioning, Start-up & Maintenance Operator
- Job Description** : Key Operator for supercritical boiler systems, handling chemically intensive operations and massive pipeline dynamic steam blowing.
- Field of experience** :
- Commissioning & Operations:
 - Feed Water & Condensate Systems.
 - Closed Cooling & Service Water.
 - Air Compressor Networks.
 - Circulating Water Systems.
 - Joint Integrity & Process:
 - Flange Management & Joint Integrity.
 - Wastewater Treatment Systems.
 - Auxiliary Boilers & Reboilers.
 - Chemical Cleaning & Steam Blow.
 - Safety & HSE Leadership:
 - Certified Isolation Authority (IA).
 - Performing Authority (PA) Frameworks.
 - Lock out / Tag out (LOTO) Protocols.
 - Permit to Work (PTW) Systems.