

100343-MEC-145CMSY-E-2012
Construction & PCC Rotating Equipment Supervisor

Holds a B. Sc. in Communications & Electronics Engineering and has about 12 years' experience working in mechanical construction, commissioning and maintenance of rotating equipment including compressors, pumps and fans in the oil and gas, petrochemical and power generation sectors. Skilled in pre-commissioning and full commissioning of complex equipment, with advanced expertise in vibration analysis, preventive maintenance and condition monitoring to ensure optimal performance and minimize downtime.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 17/06/1990
Gender : Male
Residence : Alexandria

EDUCATION

: B. Sc. in Communications & Electronics Engineering, Alexandria University, 2012

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet

TRAINING COURSES AND CERTIFICATIONS

- : Attended Siemens PLC S7-200 course at Industrial Training Council (ITC).
- : Attended Classic Control at Egyptian Company for engineering training.
- : Attended Siemens PLC S7-1200 at Egyptian Company for engineering training.
- : Attended Siemens PLC S7-300 & 400 at Egyptian Company for engineering training.
- : Attended Siemens classic control at DON BOSCO INSTITUTE.
- : Attended Siemens PLC S7-200 at DON BOSCO INSTITUTE.
- : Attended SCADA course at Egyptian Company for engineering training.
- : AutoCAD course.
- : GSM course.
- : CCNA course.

- : Trainings at Delta West Company for electricity generation (2009, 2010 & 2011).
- : ICDL

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2023 till now
Employer : Technip Energies
Project : MIDOR
Job title : Construction & PCC Rotating Equipment Supervisor
Job Description :

- Supervised the pre-commissioning, construction and commissioning of rotating equipment, including reciprocating compressors, centrifugal compressors, and blowers.
- Performed pre-alignment, final alignment, and oil system flushing for various rotating equipment.
- Replaced bearings, mechanical seals, and couplings on pumps and compressors.
- Conducted vibration analysis and resolved issues related to high vibration.

Dates : From Jul. 2021 till Jul. 2023
Employer : TCI Sanmar
Project : Petrochemicals
Job title : Mechanical Maintenance Engineer
Job Description :

- Conducted preventive maintenance for rotating equipment such as centrifugal pumps, blowers, and compressors.
- Performed daily maintenance checks and condition monitoring using vibration and temperature sensors.
- Led the execution of preventive maintenance and corrective maintenance tasks.
- Reported equipment performance data and developed action plans for repairs and upgrades.

Dates : From Jul. 2018 till Jun. 2021
Employer : BP
Project : West Nile Delta Project
Job title : Mechanical Commissioning & Start-up Engineer
Job Description :

- Led the commissioning of rotating equipment for BP's oil and gas plant, including compressors, pumps, and blowers.
- Performed solo run tests, load run tests, and flushing operations.
- Collaborated with BP's safety team to adhere to industrial safety procedures and prevent incidents during start-up.
- Managed the execution of condition-based monitoring programs, including oil analysis and vibration monitoring.

Dates : From May 2018 till Jul. 2018
Employer : AC Boiler SPA
Project : South Helwan Power Plant

Job title : Mechanical Commissioning & Start-up Engineer
Job Description :

- Conducted mechanical commissioning for cooling water, lube oil, and fuel systems in a 65 MW oil-fired unit.
- Managed steam blowing and chemical cleaning procedures to ensure system cleanliness before full operation.
- Led the pre-commissioning and start-up activities for auxiliary systems, including the air intake and heating systems.
- Performed detailed system checks and ensured the proper functioning of mechanical components prior to plant start-up.

Dates : From May 2017 till Apr. 2018
Employer : TECHINT Engineering & Construction
Project : AL-SHABAB Power Station 1500MW Combined Cycle
Job title : Mechanical Commissioning & Start-up Engineer
Job Description :

- Commissioned and maintained rotating equipment for combined cycle power plants, including compressors, pumps, and fans.
- Led flushing operations, including water flushing, oil system flushing, and chemical cleaning for condensate and feed water systems.
- Performed solo run tests and load run tests for pumps and compressors, ensuring efficient operation and optimal performance.

Dates : From Jan. 2016 till Apr. 2017
Employer : Al Farouk Company for Engineering and Trading
Job title : Maintenance Engineer
Job Description :

- Responsible for troubleshooting and maintaining compressors, motors, and pumps in industrial settings, ensuring minimal downtime.
- Conducted preventive maintenance and corrective repairs on various mechanical systems, reducing breakdowns and increasing operational efficiency.
- Implemented condition monitoring techniques to track equipment health and predict potential failures.

Dates : From May 2015 till Dec. 2015
Employer : Dyetex Company - Borg Al Arab City, Alexandria
Job title : Maintenance Engineer
Job Description :

- Managed the replacement of critical machine components, including bearings, gears, and motors, to ensure continued operational efficiency.
- Collaborated with the production team to identify potential mechanical issues and recommend preventive actions.
- Ensured compliance with safety regulations during all repair and maintenance activities, contributing to a safe working environment.

Dates : From Oct. 2012 till Apr. 2015
Employer : Egyptian Army
Project : Military Service
Job Description :

- Experience in compressors (ykc-400).
- Troubleshooting in compressors.

Skills:

- Mechanical maintenance rotating equipment.
- Rotating Equipment Maintenance.
- Mechanical Commissioning.
- Vibration Analysis.
- Alignment and Balancing.
- Flushing Operations.
- Preventive and Corrective Maintenance.
- Condition Monitoring.
- Safety Procedures.
- Project Management.
- Start-up Operations.
- Troubleshooting.
- Condition Monitoring Software.