

105925-MEC-16CEKOS-E-2014

Mechanical Commissioning Engineer

Holds a B. Sc. in Electrical Power & Machines Engineering and has more than 3 years hands-on experience working in commissioning, operation, construction and technical office.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 08/09/1990
Gender : Male
Residence : Edfu

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, El-Shorouk Academy, 2014

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

: Prepare and study for FE Mechanical exam.
: Refineries Commissioning and Start-up of Mechanical Equipment at AUC (2019).
: Power System Distribution (2013) (2017).
: Online training for Commissioning & Plant Start-up.
: Trainings:

- Three weeks at Aswan High Dam (2012).
- One month at Edfu Sugar Factory (distribution system) (2011).
- One month at Edfu Sugar Factory (power system generation) (2010).
- Training in Arabic Establishment for Engineering and Trading for all electricity works (2009).

: ICDL

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2017 till now
Employer : Orascom Construction (OC) / GE
Project : New Assiut Combined Power Plant 1500MW
Job title : Mechanical Commissioning Engineer
Job Description :

- Identified punch items during the pre-commissioning and walks down and closed them with the construction and QC team.
- Prepare the requirement of special tools and temporary connection for pre-commissioning and commissioning activity.
- Making walk down and Develop the procedure.
- Identify systems and sub-systems by marking up of PID's systems.
- Testing and commissioning for Closed Cooling water system, heat is rejected using air cooled Fin Fan Cooler.
- Testing and commissioning for condensate system, the steam is condensed by (2) SPIG Air Cooled Condenser (ACC).
- Testing and commissioning for Demineralized water system.
- Testing and commissioning for (2) steam turbine systems (lube oil, seal oil, lifting oil, hydraulic oil, generator cooling and service and instrument air systems).
- Eight (8) Dual Pressure DOOSAN HRSGs, including all required balance of plant systems.
- Co-ordinated and supervised the successful completion of (8) Doosan HRSGs Steam Blow.
- Chemical feed system (Ammonia and phosphate Skid).
- Member of mechanical commissioning team consists of 15 mechanical commissioning engineers, and more than 50 supervisors and technicians.
- Complete the commissioning and hot cleaning of Air Cooled Condenser (ACC).
- Make sure all systems are designed, installed, tested, operated, & maintained according to the operational requirements of the owner or final client.
- Air blows on instrument air and service air systems.
- Finished the commissioning activities of 8 diverter damper.
- Performed the commissioning activities of the Steam Turbine Generator (STG) until the first synchronization.
- Participate in performance test preparation and taking results of gas turbine GE GT-9E.
- Preservation of DOOSAN boiler after chemical cleaning and shutdown wet preservation and dry preservation.
- Work as a Field Local Operator on BOP, HRSGs and steam turbine.

Dates : From Jul. 2016 till Sep. 2017
Employer : El-Nile Contracting Company
Job title : Site Engineer and Technical Office
Job Description :

- Site works:
 - Managing the site, including supervising and monitoring the site labor force and the work of any subcontractors.
 - Quantity Survey for electrical works to extract sub-contractor

invoices.

- Technical Office works:
 - Quantity Survey for electrical works at drawings and comparing it with site works.
 - Preparing Shop drawings and As Built drawings for electrical work.