

101915-MEC-14MOS-E-2008
HRSG Lead Commissioning Engineer

Holds a B. Sc. in Mechanical Aviation Engineering and has over 13 years hands-on experience in mega power, utility & associated plants pre-commissioning, commissioning & start-up. Substantial knowledge of steam turbine, gas turbine, Air cooled condenser, Heat recovery steam generators and supercritical boilers.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : Currently Oman

EDUCATION

: Mechanical Aviation Engineering, Cairo University, 2008

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: MS Project
: Primavera P6
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

: Qualified and certified for maintenance Turbo at jet engines of aircrafts from Egyptian Air Force.
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CHRONOLOGICAL EXPERIENCE RECORD

Date : From Jan. 2020 till now
Employer : Petroleum Development of Oman
Project : Saih Rawl 167MW CCPP
Job title : HRSG Lead Commissioning Engineer
Job Description :

- Manage HRSG pre-cold and hot commissioning activities.
- Site inspections as per the ITRs check sheets.

- Construction progress verification.
- Hot loop checks and functional testing including boiler protection through DCS.
- Chemical cleaning and steam blowing.
- Progress meetings with vendors and client.
- Process review and development of commissioning procedures.
- Solutions for site technical quires STOs.
- Verified proper execution of system operation and control as per the commissioning procedures, description and operation maintenance manuals.
- Root cause analysis with recommendations to close non-conformance reports.

Date : From Nov. 2014 till Dec. 2019

Employer : BEMCO - KSA

Projects :

- Riyadh 3480MW CCPP 10 (40 vertical pressure NEM HRSGs, 10 STG GE SC4 & 10 ACC)
- Riyadh 1740MW CCPP 12 (8 horizontal triple pressure Alstom HRSGs, 2 STG Alstom & 2 ACC)

Job title : Lead Commissioning Engineer

Job Description :

- Leading the commissioning activities in various disciplines to meet the project schedule.
- Planning the plant shutdowns for commissioning activities of the diverter damper and Mark VI installation.
- HRSG pre-commissioning, commissioning & start-up including chemical cleaning steam blowing, feed water pumps, LP recirculation pumps, soot blower & blow down system.
- ACC & its auxiliary's air take off steam ejectors, condensate pumps pre-commissioning, commissioning & start-up including leak test steam cleaning.
- Progress meeting with vendor and client.
- Process review and development of commissioning procedures.
- Solutions for site technical quires / STQs.
- Proper documentation of procedures and RFIs.

Date : From Nov. 2013 till Nov. 2014

Employer : Hitachi Plant Technologies

Project : Banha PP 750MW CCGT (2 horizontal triple pressure Ansaldo Caldaie HRSGs, 1 STG Ansaldo Energia & 2 GTG GE frame 9F)

Job title : Mechanical Commissioning & Start-up Engineer

Job Description :

- Commissioning and start-up of HRSG & its auxiliaries (blow down, circulation pumps, high and low steam pressure lines and feed water system, chemical cleaning and steam blow).
- BOP systems (fire protection closed cooling, compressed air water treatment systems) commissioning and start-up.

Date : From Jun. 2012 till Oct. 2014

Employer : Techint Engineering & Construction

Project : Ain El-Sokhna Supercritical PP 1300MW

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

- Commissioning of condensate, boiler feed, service, circulation & closed cooling water system.
- Commissioning of the steam systems.
- Commissioning and start-up of auxiliary boiler.
- Chemical cleaning & steam blow.

Date : From Mar. 2011 till May 2012
Employer : Zhejiang Thermal Power Construction Co. Ltd
Project : Abu Qir Thermal Power Plant 1300MW
Job title : Mechanical Commissioning & Start-up Engineer
Job Description :

- Commissioning of condensate, boiler feed, service, circulation & closed cooling water system.
- Commissioning of the steam systems.
- Chemical cleaning & steam blow.

Date : From Sep. 2008 till Feb. 2011
Employer : Egyptian Air Force
Project : Major Maintenance Engine Workshop
Job Description : Maintenance Engineer for gas turbine engines for military aircraft.

Skills:

- Power Plant operation (boiler, HRSG, STG, GTG & ACC).
- Assembly and repair of valves.