

104549-MEC-1MO-E-2011
Turbine & Auxiliaries Maintenance Engineer

Holds a B. Sc. in Mechanical Engineering and has more than 5 years working in steam turbine and aux. as Operation and Maintenance Engineer.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 10/01/1989
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Engineering, Alexandria University, 2011

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: Matlab

TRAINING COURSES AND CERTIFICATIONS

: AutoCAD Certificate from the Arab Academy for Science & Technology.
: ICDL Certificate from the Egyptian Ministry of Communications & UNISCO.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Dec. 2016 till now
Project : Abu Qir Thermal Power Plant Units 6 & 7 (2x650MW)
Job title : Turbine & Auxiliaries Maintenance Engineer
Job Description :

- Performed predictive maintenance and failure analysis of plant equipment.
- Monitor and enhance plant and personal safety.
- On a daily basis, be responsible for immediate breakdown cover and repairs.

- Carry out planned maintenance, installation and commissioning of new machinery, parts ordering, permits to work and risk assessments.
- Performed monthly and annual routine maintenance and inspection for MHI (4QTC-30") Steam Turbine and Mechanical systems of MELCO Hydrogen Cooling Generator.
- Performed Condenser Water Box, DF, CTC's, Condenser Hot Well and Last Row of Blades Inspections.
- Responsible for overall and routine maintenance of power station Turbines and Auxiliaries such as (Turning Gear, Lub. Oil, Eh Oil, Condenser Vacuum, Gland Steam, Water Box Vacuum, DF and CTC's Systems, valves and Heat exchangers....etc.).
- Responsible for overall and routine maintenance of power station generator's mechanical auxiliaries such as (Gen. seal oil, Stator Coil Cooling and Hydrogen Cooling Systems and Hydrogen, Co2 and Air Purge).

Dates	:	From Feb. 2012 till Dec. 2016
Project	:	Abu Qir Thermal Power Plant Units 6 & 7 (2x650MW)
Job title	:	Operation Engineer
Job Description	:	<ul style="list-style-type: none"> • Attend Commissioning of turbine's Auxiliaries (Steam Seal, Lub. Oil & EH Oil). • Attend Commissioning of Generator's mechanical Auxiliaries (Seal Oil, Stator Coil Cooling Water, and Hydrogen Purge & filling). • Attend motor solo test, steam blowing, flashing and chemical cleaning for different systems. • Start-up and shut-down procedures for Thermal Power Plant 2x650MW (Cold, Warm and Hot Start-up and normal or emergency shutdown). • Steam Turbine & Auxiliaries Operator, reporting the equipment condition during normal operation and DCS operation using DIASYS. • Boiler Operator, reporting the equipment condition during normal operation and DCS operation using ABB DCS. • Good working knowledge of hydrogen production plant mechanical equipment. • Good working knowledge of firefighting system (water system, foam system and dry powder system locally and alarms control panel).