

103487-ELE-1OS-E-2003
Gas Turbine Operation Engineer

Holds a B. Sc. in Electrical Engineering and has over 11 years hands-on experience working as Operation Engineer at Nubaria Power Plant.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 27/01/1981
Gender : Male
Marital Status : Married
Residence : El-Behira

EDUCATION

: B. Sc. in Electrical Engineering, Alexandria University, 2003

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : On-shore training of steam turbine operation by Mitsubishi Heavy Industries Company, Nubaria.
- : On-shore training of gas turbine operation (Siemens v94.3A) each one produces 250MW, Nubaria.
- : On-shore training of ALSTOM HRSG operation, Nubaria.
- : On-shore training of high and medium voltage (500KV / 220KV / 6.3KV), Nubaria.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From May 2006 till now
Employer : Middle Delta Electricity Production Co. (MDEPC)
Project : Nubaria Combined Cycle Power Station (2x750MW)
Job title : Operation Engineer

- Job Description** :
- Gas Turbine Operation Engineer (from May 2010 till now):
 - Commissioning and start-up for combustion turbine generator (Siemens V94.3A).
 - Main parts of gas turbines.
 - Compressor and air inlet and it's blow off valves.
 - Compressor wash offline and online wash.
 - Turbine blades cooling.
 - Lube oil system.
 - Hydraulic oil system.
 - Gas fuel system.
 - Fuel oil system.
 - DeNox water system.
 - Exhaust and diverter system.
 - Pneumatic system.
 - Anti noise enclosure system.
 - Power control center (pcc).
 - Gas turbine governor.
 - Operation Engineer for Alstom Horizontal HRSG and Mitsubishi steam turbine (tc2f-35.4") (from 2009 till 2010):
 - Commissioning, start-up, reliability, performance and tests for steam turbine.
 - Steam turbine main parts.
 - HRSG main parts.
 - Circulating water pumps.
 - Closed cooling water pumps.
 - Service water pumps.
 - HP / IP feed water pumps.
 - Feed water pumps.
 - Condensate water pumps.
 - HP, LP drums.
 - Construction for GE Gas Turbine (V.9FA), Commissioning, Start-up & Operation Engineer in Nubaria Combined Cycle Module III (1x750MW) Power Station (from 2006 till 2009):
 - Supervision to installing and construction steps to gas turbine.
 - Attending first fire to gas turbine with GE Operator Engineers.
 - Turbine C – commissioning, start-up and operation for 2 combustion generators 250MW GE V.9FA.

Skills:

- Considerable knowledge of power plants and power substations, electrical systems, power generation, power transmission and distribution system.
- Good knowledge of relaying and the zones of protection and function of each type relay.
- Over 11 years experience at Power Station as an Operation Engineer.