

# 103848-MEC-1OS-E-2001

## Operation Manager & Warranty Engineer

Holds a B. Sc. in Mechanical Power Engineering and has about 19 years hands-on experience, including 16 years working in operation, commissioning and start-up at several Power Plants.

### PERSONAL DATA

Nationality : Egyptian  
Birth Date : 01/05/1976  
Gender : Male

### EDUCATION

: B. Sc. in Mechanical Power Engineering, Mansoura University, 2001

### LANGUAGES

Arabic : Native Language  
English : Very Good

### COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet  
: AutoCAD  
: Ovation control system

### TRAINING COURSES AND CERTIFICATIONS

: Components and operation of combined cycle 750MW power plants (Jan. 2006).  
: AutoCAD 2006 course in TALKHA Power Plant (May 2006).  
: Fire fighting and saving training course (Jul. 2006).

### CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Jan. 2019 till now  
**Employer** : [EGYPTROL](http://www.egyptrol.com), AC Boilers Subcontractor  
**Project** : West Damietta 750MW  
(4x125MW GE Gas turbine 9E through Mark Vie Control system + 4 HRSG AC Boiler + 1x250MW Ansaldo Energia Steam turbine through Symphony plus ABB control system)  
**Job title** : Operation Manager & Warranty Engineer

**Dates** : From Jan. 2017 till 2018  
**Project** : SIEMENS & ORASCOM New Project 4800MW Combined Cycle 8x400MW GT SIEMENS + 8 HRSG NEM + 4x400MW SIEMENS ST at (NEW CAPITAL) - Total capacity 1200MW  
**Job title** : Chief Commissioning Engineer & Operation Team Leader

**Dates** : From Jan. 2016 till Jan. 2017  
**Employer** : ANSALDO  
**Project** : SUEZ Thermal Power Plant 650MW  
**Job title** : Plant Shift Charge Engineer of high capacity boiler (2200 t/h) and its auxiliaries

**Dates** : From Jan. 2008 till Jan. 2016  
**Employer** : SKODA PRAHA Company  
**Projects** :

- TALKHA Combined Cycle Project (SIEMENS GT 2x250MW + ALSTOM steam turbine 250MW)
- El-Kureimat II 750MW (SIEMENS GT 2x250MW + HITACHI steam turbine 250MW)

**Job title** : Start-up & Commissioning Engineer

**Job Description** :

- Participated in construction and installation of EL-KUREIMAT HRSG 750MW.
- Prepare manpower organization to fulfil the commissioning schedule. Coordinate with other departments / agencies to resolve interface problems.
- Preparation & testing all system before commissioning like chemical cleaning, flushing and hydro test.
- Arrange work permits & coordinate between other contractors. Also follow up all activities in the field for the safety of workers and equipment.
- Preparing & check-up for all valves and circuits of the boiler for operation.
- All pre-commissioning & commissioning processes for all equipment (Tanks, lube oil and all kind of pumps in the field HP/IP FWP, LP FWP, Condensate pump & preheater pump, Blow down sump pumps, Dosing pumps).
- Participated with commissioning for all valves (MOV, LCV, FCV, PCV, TCV), all instruments & transmitters and loop check from field to DCS.
- Familiar to make energize for any motorized and pneumatic from MCC & rack in and out for 6KV breakers.
- Responsible for preparation, organization and authorization of the required forms prior the execution of any activities under supervision of commissioning manager.
- Leader of operation team, Operate with DCS system and use ovation application during Steam below, Bypass operation, Testing and loading of HITACHI & ALSTOM steam turbine and Reliability run.
- Monitoring and operating the plant from the control room.
- Troubleshooting for any problem appearing during operation.
- Finishing of punch list (mechanical items) after reliability run.
- Warranty Engineer during warranty period after issuing of TOAC.
- Make training for new engineers in the local and control room and technicians.

**Dates** : From 2002 till 2007  
**Employer** : MIDDLE DELTA ELECTRICITY PRODUCTION COMPANY  
**Project** : TALKHA Steam Power Plant 2x210MW  
**Job Description** :

- 2x210MW Plant Shift Engineer (from Aug. 2007 till Dec. 2007).
- Monitor Operator of boilers and auxiliaries (from Jan. 2006 till Aug. 2007).
- Monitor Operator of steam turbine and auxiliaries (from Jan. 2005 till Jan. 2006).
- Field Operator of high capacity boiler (670 t/h) and it's auxiliaries (from Jun. 2004 till Jan. 2005).
- Field Operator of steam turbine and auxiliaries in machine hall (from Jan. 2004 till Jun. 2004).
- Shift Engineer in high capacity water intake pump house (from Sep. 2003 till Jan. 2004).

**Dates** : From 2001 till 2002  
**Employer** : Eagle Company for hydro mechanical industries  
**Job title** : Maintenance Engineer

**Field of experience** :

- Mechanical Engineer, working in the field of Power Station since 2002.
- Started as Operator for boilers & steam turbine in TALKHA Power Station 2x210MW steam cycle (SKODA made).
- In 2008 he got vacation from Ministry of Electricity and joined to SKODA PRAHA COMPANY as Commissioning & Start-up Engineer.
- In TALKHA Project 750MW Combined Cycle for 3 months.
- After that he worked in EL-KUREIMAT 750MW Combined Cycle.
- Till now he participated in all commissioning activity started from chemical cleaning till reliability test and finishing the project.
- Very good in the branch of mechanical engineering, familiar with Electric equipment, protection, instruments, DCS Control systems.
- Work Skills:
  - Reach the normal points of the normal operation of all plant components & solving all start-up BOP & BOILER problem.
  - Troubleshooting for any problem can be appearing during tests.
  - Monitoring the behavior of all instruments from local & via DCS; during start-up work, preparation, chemical cleaning, steam blow, reliability run and warranty period.