

Holds a B. Sc. in Mechanical Power Engineering and has about 23 years hands-on experience in the field of Combined Cycle operation. He became Operation Head.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 12/02/1964
Gender : Male
Marital Status : Married
Residence : Cairo

EDUCATION

: B. Sc. in Mechanical Power Engineering, 1988

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Frame 9001F, Mark VI G.E., USA, 1 month.
: Netmation (Gas Turbine Control) Mitsubishi, JAPAN, 1 month.
: DCS, ABB, Cairo South Power Station, 3 months.
: Bechtel course at Shoubra El-Kheima Power Station, 6 months.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Feb. 2013 till now
Project : Lebanon Beddawi 450MW Combined Cycle Power Plant:

- Siemens V94.2 Gas Turbine (2x150MW)
- Siemens HDS160/20-ND37AU Steam turbine (1x166.8MW)
- Coswin work permit program
- Lotus Notes PR, PO, RIR and mail system

Job title : Operation Head (YTL O&M)

Job Description :

- Supervise 14 Operator Engineers and 10 Technicians for operation and monitoring.
- Every day morning management meeting.
- Notes and Reports.
- Check Safety Procedures and Plant reliability.
- Maintain the optimum performance of the all operating units.
- Follow up and maintain quality and meet the targeted power demand.
- Preparing long shutdown programs.
- Follow up equipment test programs.
- Follow up safe start-up for equipment and for people.
- Follow up safe shutdown for equipment and for people.
- Follow up isolation procedure for equipment maintenance.
- Follow up Safety Tags for equipment maintenance.
- Troubleshooting.
- Diagnostic Alarms.
- Follow up combined cycle operation Training for new Engineers.

Dates : From Feb. 2012 till Feb. 2013

Employer : [EGYPTROL](#), Commissioning Subcontractor for ANSALDO ENERGIA

Project : 6th October Power Station (600MW)

Job title : Commissioning & Start-up Operation Supervisor Engineer

Dates : From May 2011 till Feb. 2012

Project : Cairo North Combined Cycle Power Station (1500MW):

- GE gas turbines (2x250MW) frame 9FA (Mark VI control)
- Mitsubishi turbines (2x250MW) frame M07F (netmation control)
- Steam Turbine (Hitachi 250MW)
- Steam Turbine (Alstom 250MW)
- HRSG NEM (4x350 ton)
- DCS GE (Mark Vie control)
- DCS Foxboro Company (Invences) Italy

Job title : Operation Manager

Job Description :

- Supervise 12 Operator Engineers and 22 Technicians for operation and monitoring.
- Every day morning management meeting.
- Notes and Reports.
- Contractor and subcontractors meeting Check Safety Procedures and Plant reliability.
- Maintain the optimum performance of the all operating plants.
- Follow up and maintain quality and meet the targeted power demand.
- Preparing long shutdown programs.
- Preparing consumables and costs.
- Preparing equipment test programs.
- Follow up safe start-up for equipment and for people.
- Follow up safe shutdown for equipment and for people.
- Follow up isolation procedure for equipment maintenance.
- Follow up Safety Tags for equipment maintenance.
- Troubleshooting.
- Diagnostic Alarms.

- Follow up combined cycle operation Training for new Engineers.

Dates : From Jul. 2009 till May 2011

Employer : Mesaieed Power Company Ltd., Mesaieed – Qatar:

- 6 Gas Turbines GE, 9FA (3 Blocks of 2 Units Frame 9FA Gas Turbine Combined with GE D11 Steam Turbine)
- 1 Block of 2 x Frame 6B for Black Start
- NEM Heat Recovery Steam Generator (HRSG)
- Gas Turbines Mark VIe control (Simplicity-Toolbox)
- BOP Mark VIe Control
- 400KV, 220KV, 132KV High Voltage Switchgear, Switching, Isolation, Earthing, Lock out, Tag out

Project : Combined Cycle (2000MW)

Job title : Shift Charge Engineer & Senior Authorized Person

Job Description :

- Medium Voltage Switchgear 10KV & Low Voltage 400V Switching, Isolation, Earthing, Lock out, Tag out.
- Mechanical and Electrical equipment Isolation, Earthing, Lock out, Tag out.
- Work permit, Sanction for test, LOA (limitation of access), ROMP (Restoration of Motivated Power), Hot Work Permit, Confined Space Document preparation.
- All Issue and Cancelation.
- Using ENGICA & ECLIPSE systems for issuing and cancelation.

Dates : From Jun. 2008 till Jul. 2009

Project : Cairo North Power Station Combined Cycle "Phase II" (750MW):

- General Electric Company (GE) "Frame 9FA" (2 Units x 250MW) Gas Turbines.
- Alstom Company (1 Unit x 250MW) Steam Turbine.
- NEM Heat Recovery Steam Generator (HRSG).
- Gas Turbines Mark VI control (Simplicity-Toolbox).
- BOP Mark VIe Control.

Job title : Combined Cycle Operation Supervisor Engineer

Job Description :

- Supervise 10 Operator Engineers and 10 Technicians for operation and monitoring.
- Installation progress access flow up.
- Notes and Reports.
- Costumer and Contractors meeting.
- Safety Procedures and Plant reliability.
- Start-up procedures.
- Safe start-up for equipment and for people.
- Safe shutdown for equipment and for people.
- Prepare isolation procedure for equipment maintenance.
- Safety Tags for equipment maintenance.
- Troubleshooting.
- Diagnostic Alarms.
- Combined Cycle operation training for new Engineers.

Dates : From Sep. 2007 till May 2008

Project : Ras Abu Fontas (RAF) 750MW – QATAR
(General Electric Company (GE) "Frame 9FA" (3 Units x 250MW) Gas Turbines)

Job title : Operation Supervisor Engineer

Job Description :

- Installation progress access flow up.
- Attendance commissioning.
- Operation Supervisor.
- Notes and Reports.
- Costumer and Contractors meeting.
- Safety Procedures and Plant reliability.
- Start-up procedures.
- Safe start-up for equipment and for people.
- Safe shutdown for equipment and for people.
- Prepare isolation procedure for equipment maintenance.
- Safety Tags for equipment maintenance.
- Troubleshooting.
- Diagnostic Alarms.
- Lockout Tag out responsibility.
- Work permit responsibility.

Dates : From 2003 till 2007

Project : Cairo North Power Station Combined Cycle "Phase I" (750MW):

- Mitsubishi (2 Units x 250MW) Gas turbines.
- Hitachi (1 Unit x 250MW) Steam Turbine.
- NEM Heat Recovery Steam Generator (HRSG), 2 Boilers.
- Control System (Netmation).
- Mark VI General Electric Control (GE).
- DCS Balance of Plant Control (BOP) Foxboro Company (Invences) Italy.

Job title : Combined Cycle Operation Supervisor Engineer

Job Description :

- Supervise 10 Operator Engineers and 10 Technicians for operation and monitoring.
- Installation progress access flow up.
- Notes and Reports.
- Costumer and Contractors meeting.
- Safety Procedures and Plant reliability.
- Start-up procedures.
- Safe start-up for equipment and for people.
- Safe shutdown for equipment and for people.
- Prepare isolation procedure for equipment maintenance.
- Safety Tags for equipment maintenance.
- Troubleshooting.
- Diagnostic Alarms.
- Combined Cycle operation training for new Engineers.

- Dates** : From 1994 till 2003
- Project** : Cairo South Power Station Combined Cycle:
- General Electric Company (GE) "Frame 9001E" (1 Unit x 110MW) Gas Turbine.
 - General Electric Company (GE), 1 Unit x 60MW) Steam Turbine.
 - Mark IV General Electric Control (GE).
 - Mark V General Electric Control (GE).
 - DCS Balance of Plant Control (BOP) Westinghouse Distribution Power Family (WDPF).
 - Heat Recovery Steam Generator (HRSG), VOGT Co. – Germany.
- Job title** : Combined Cycle Operation Supervisor Engineer
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- Dates** : From 1992 till 1994
- Project** : Cairo South Power Station Simple Cycle:
- General Electric Company (GE) "Frame 9001E" (3 Units x 110MW) Gas Turbine.
 - Mark VI General Electric Control (GE).
- Job title** : Shift Operation Engineer