102517-MEC-1OSY-E-2003
Shift Charge Engineer

Holds a B. Sc. in Mechanical Production Engineering and has over 17 years hands-on experience, including 15 years working in operation, commissioning and start-up of Combined Cycle and Thermal Power Plants (Gas Turbines, Heat Recovery Steam Generators HRSGs, Steam Turbines and Auxiliaries).

PERSONAL DATA

Nationality	:	Egyptian
Birth Date	:	02/12/1980
Gender	:	Male
Marital Status	:	Married
Residence	:	Damanhour

EDUCATION

: B. Sc. in Mechanical Production Engineering, Alexandria University, 2003

LANGUAGES

Arabic	:	Native Language
English	:	Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Alstom STEAM TURBINE 250MW (off-shore) CCPP process training, Birr (Switzerland) (Jun./Jul. 2010):
- Introduction & Steam Turbine operation.
- Electrical Operation & Maintenance.
- Introduction to the control system and simulator Based.

: Generator Protection Functions and Synchronizing Panel on-shore training by INITEC ENERGIA AND PROINELCA POWER (Apr. 2010), Nubaria.

: Training on function and operation of the Alstom CM Condenser on-shore training by ALSTOM and INITEC ENERGIA (Apr. 2010), Nubaria.

: Condenser Exhauster Vacuum Pump Units & Waterbox Priming Pump on- shore training by NASH (May 2010), Nubaria.

: Generator / Excitation on-shore training by ALSTOM POWER SERVICE COMMISSIONING DPT (Manheim / Germany) (Mar. 2010), Nubaria.

: Turbine Operation on-shore training by ALSTOM POWER SERVICE COMMISSIONING DPT (Manheim / Germany) (Mar. 2010), Nubaria.

: Operation and Maintenance of Debris Filter System (DF) and Condenser Tube Cleaning System (CTCS) (Mar. 2010), Nubaria.
: Instrumentation and control on-shore training by ALSTOM POWER SERVICE COMMISSIONING DPT (Mannheim - Germany) (Mar. 2010), Nubaria.
: Operation of ALSTOM Steam Turbine (Jan. 2010), New Talkha.
: Maintenance for turbines (Nov. 2008), Nubaria.
: Components and operation of the medium & high voltage (Feb. 2008), Nubaria.
: Components and operation of Combined Cycle Power Plants (CCPP) (Feb. 2008), Nubaria.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jun. 2013 till now
Employer : Middle Delta Electricity Production Company (MDEPC)
Project : NUBARIA Combined Cycle Power Station Module III (750MW):
- Two GE Gas Turbine CTG 250MW type MS9001 (9FA)
- Two horizontal STF Heat Recovery Steam Generators (HRSGs)
- One Alstom Steam Turbine STG (HP, IP, LP) 250MW
- 500KV switchyard
- Medium and Low Switchgears
- Module Auxiliaries

Job title : Shift Charge Engineer
Job Description :
- Leading a group of engineers and technicians.
- Having the complete responsibility and dealing with the dispatch center.
- Evaluating the technical performance for all the GE, ALSTOM & STF units.

Dates : From May 2018 till Sep. 2019
Employer : Ansaldo Energia
Project : 6th October Power Plant
Job Description : Commissioning, Start-up and Operating Engineer for:
- Ansaldo Energia steam turbine (325MW) with Air Cooled Condenser (ACC).
- Four Horizontal Heat Recovery Steam Generators HRSGs Ansaldo Caldaie.
- Auxiliaries.

Dates : From Apr. 2016 till Jun. 2017
Employer : ALSTOM - GE
Project : SUEZ THERMAL POWER PLANT 650MW GAS/OIL FIRED UNIT (EGYPT):
- 1x650MW ALSTOM Steam Turbine STG.
- GAS/OIL FIRED Boiler Ansaldo Caldaie.

Job title : Commissioning, Start-up & Operating Engineer for ALSTOM Steam Turbine

Dates : From Aug. 2015 till Feb. 2016
Employer : S.T.F Egypt Branch

Project : Giza North Power Plant 2250MW:

- 6x250MW GE Gas Turbine CTG.
- 6 Horizontal STF Heat Recovery Steam Generators HRSG.
- 3x250MW Ansaldo Energia Steam Turbine STG (HP, IP, LP).

Job title : Commissioning, Start-up & Operating Engineer for STF Heat Recovery Steam Generators HRSG

Job Description :

- Steam Blowing for STF HRSG & Steam Piping.
- Commissioning, Start-up and Operation for HRSGs.
- Approving Designs, Submittals, Site Acceptance Tests & Commissioning.

Dates : From Jun. 2014 till Aug. 2014

Employer : EGYPTROL – Commissioning Subcontractor for SAMSUNG C&T

Project : Qurayyah Independent Power Project (6x750MW) – Combined Cycle, KSA:

- 12x229MW Siemens SGT6-5000F (5) Gas Turbine.
- 12 BHI Horizontal Heat Recovery Steam Generators.
- 6x226MW Siemens SST6-4000 Steam Turbine.

Job title : Commissioning Engineer for Fire Fighting and HVAC System

Job Description :

- 12x230MW Siemens STG PCC-5000F Gas Turbines (T3000 operating).
- 12 x 352 T/H HRSG (BHI Korea).
- 6x230MW Siemens STT 4000 Steam Turbine (T3000 operating) and 6 condensers.
- 13 Atlas Copco Gas Compressors 38 bars with 1 chromatographs system, 7 DPH Dew Point Heater, 2 units of Nitrogen generators, 8 Air compressors, 2 Groups of Chillers each one by 8 modules and 10 secondary pumps, Fire Fighting…etc.).
- Reverse Osmosis -3 trays- each one 250 ton/hr.
- Demineralization, waste water system, ECP (Electro chlorination plant).
- 6x2MW Diesel Generators.

Dates : From Jan. 2010 till May 2013

Employer : Middle Delta Electricity Production Company (MDEPC)

Project : NUBARIA Combined Cycle Power Station Module III (750MW)

Job titles :

- Operation Engineer for ALSTOM STG (250MW)
- Operation Engineer for STF Heat Recovery Steam Generator
- Operation Engineer for GE Gas Turbine (250MW)

Dates : From Dec. 2007 till Dec. 2009

Employer : Middle Delta Electricity Production Company (MDEPC)

Project : NUBARIA Combined Cycle Power Station Modules I & II (1500MW):

- Two SIEMENS Gas Turbine CTG 250MW type V94.3A.
- Two Horizontal Heat Recovery Steam Generators (HRSGs).
- One MITSUBISHI Steam Turbine STG 250MW (HP, IP, LP).
- 220KV Switchyard.
- 500KV Switchyard.
- Four Tie Transformers 500/220KV.
- Six Outgoing Circuits 220KV.
- Two Outgoing Circuits 500KV.

- Medium and Low Switchgear.
- Modules Auxiliaries.

Job title : Operation Engineer for ALSTOM Heat Recovery Steam Generation (HRSG)

Dates : From Feb. 2005 till Apr. 2007
Employer : Arabian Aluminium Products Co. (Arapco) – Sharjah, UAE
Job title : Production Engineer

Responsibilities & Duties:

- Follow the Dispatch Load Request.
- Perform Periodical Test.
- Start-up and Shut down of the units.
- Operate the units even in case of abnormal operation.
- Collect and analyze periodical data.
- Follow and deal with Alarms in Central Control Room.
- Perform necessary Measures and Checks out before Equipments Start-up.
- Analyze Equipment Efficiency and performance.
- Application of Validated Procedures.
- Analysis of all necessary Information about Local Sites.
- Wide knowledge of operation of combined steam cycle.

Further experiences : Commissioning, Start-up and Operation Engineer for Gas Turbines (GE) & (STF) HRSGs & ALSTOM Steam Turbines:

- Steam blowing for STF HRSGs & steam piping.
- Commissioning, start-up and operation for HRSG & steam turbine.
- Attending first rolling to steam turbine with ALSTOM Operator Engineers.
- Attending combustion inspection (CI), hot gas path inspection (HGP) and major inspection.
- Operate units' auxiliaries (Feed systems, Air Compressors, Cooling Systems, Circulating Water Systems, Condensate Systems, Boiler systems, Turbine Systems, Fuel system, Generator Systems, Electrical Systems and all related Utilities).