

Holds a B. Sc. in Mechanical Power Engineering and has about 11 years hands-on experience, including 9 years working as Operation Engineer in Damanhour Thermal Power Station.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 08/06/1981
Gender : Male
Marital Status : Married
Residence : Damanhour

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2004

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Operation of thermal power plants.
: Commissioning and performance of thermal power plants.
: Advanced American language course.
: ICDL
: Summer training at Thermal Power Station (Damanhour), 2001.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Apr. 2007 till now
Project : Damanhour Thermal Power Station (320MW)
Job titles :

- Shift Engineer (from Nov. 2010 till now)
- Operation Engineer (from Apr. 2005 till Nov. 2010)

Job Description :

- Boiler: BABCOCK WILCOX natural circulation boiler (1050 ton/h – 165 bar – 540 °C):
 - Boiler including - Economizer coils, Primary supper heater coils, Secondary supper heater coils, Reheat coils, Drum, two forced

- draft fans (2350KW).
- Two gas recalcitrating fan (760KW), two air heaters, two steam heaters, Furnace (16 Burners), Fuel (Light oil & heavy oil and natural gas), Re-boiler steam for heating heavy fuel oil.
- Turbine: ANSALDO turbine 325MW:
 - Thermal cycle including six closed heater, one open heater, two condensate pumps 760 KW, two electric feed water pump (216 bar – 650 ton/h), one turbine feed water pump (216 bar – 1200 ton/h).
 - Three condense cooling water pumps (1250 KW).
- Demineralization Plant.
- Waste Water Treatment Plant.
- Sewage System.
- Fuel Oil Treatment Plant.
- FIRE ALARM SYSTEM.
- Generator: Rating power 422 KVA, Armature voltage 22 K, Armature current 11073 A, Frequency 50 H, Power factor, 0.8 Operating speed 3000 RPM, Winding connection Y, Field voltage static excitation, Cooling by Hydrogen – Stator cooling water system.
- Cold start-up, hot start-up and shut down to the unit.
- Protection of all equipments at emergency cases.
- Plant operation (monitoring and supervising of all equipments to ensure good operation according to system specifications and economical measures).
- Preparation of shift reports.

Dates	:	From May 2013 till Jun. 2013
Employer	:	EGYPTROL , Commissioning Subcontractor for ANSALDO CALDAIE S.P.A.
Project	:	Abu Qir Thermal Power Plant 2x650MW
Job title	:	Shift Charge Engineer
Job Description	:	<ul style="list-style-type: none"> • Carry out all commissioning activities as per ANSALDO CALDAIE manufacture recommendation. • Perform the chemical cleaning according procedures for the boiler. • Perform the steam blow-out activities for HP steam, HRH & CRH steam, and LP steam lines. • Lock out Tag out responsible Engineer. • Assist thermal power plant Commissioning & start up staff on daily basis to achieve the optimum operation conditions for the boiler. • Boiler including: <ul style="list-style-type: none"> - ANSALDO CALDAIE RADIANT BOX BOILER (574.3 KG/S – 183.3 bar – 545 C). - Hot Reheat (481 KG/S - 41.1 BAR – 565 C). - Type of Fuel: Fuel Oil – N.G. - Number of Burners: 30 Burners (Front –Rear Wall). - Two F.D. Fans for each Boiler with Total Flow 2 x 296.8 KG/S. - Two G.R. Fans for each Boiler with Total Flow 2 x 29.7 KG/S. - Two R.A. Heaters. - Two S.C.A. Heaters. - THREE FLAME SCANERS FANS.

Dates : From Jul. 2005 till Apr. 2007
Employer : VOLVO Construction Equipment Dealer (Ghabbour Misr)
Job title : Field Service Engineer