

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 15 years hands-on experience working in operation, commissioning and start-up at Sidi Krir Power Station.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 08/02/1985
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Alexandria University, 2007

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD
: ABB's DCS software kit (INFI 90)
: Siemens DCS software kit (SPPA-T3000)

TRAINING COURSES AND CERTIFICATIONS

: Thermal units' common malfunctions (2019).
: I&C Maintenance Engineers Harmony Base – Composer & PGP Configuration.
: Operation of combined cycle units in Abu Qir Training Centre (Apr. 2015).
: SPPA-T3000 DCS on-shore training (Mar. 2013).
: Honeywell and Mark VI DCS fundamentals in Abu Qir Training Center (Oct. 2012).
: ABB Italy on-shore maintenance training of Sidi Krir DCS HMI updates including installation of PGP (Power Generation Portal) and composer software for INFI 90 DCS (Mar. 2012).
: Siemens step7-300 PLC advanced training course in Abu Qir Training Center (Jun. 2011).

- : Siemens step7-300 PLC training course in Abu Qir Training Center (Apr. 2011).
- : Power Transformer electrical protection (Jun. 2010).
- : CS3000 DCS operation fundamentals by Yokogawa Middle East at Bahrain (Jan. 2010).
- : New Engineers training course in Abu Qir Power Station (Jan. 2008).
- : Soft skills training of MIE competition (summer 2006).
- : Sidi Krir Power Station 1 & 2 (summer 2005).
- : IEEE training in Alexandria University under supervision of Dr. Mohamed El-Bana (summer 2005).
- : Electronic course under supervision of Dr. Shawky Shaban (summer 2004).
- : Alexandria University - Electrical Engineering department summer training under supervision of Prof. Dr. Samir Deghedie (summer 2004).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From 2007 till now
- Project** : Sidi Krir Power Station (2x320MW steam units)
- Job Description** :
- Shift Charge Engineer (2018 – now):
 - Assigning duties to staff during shift.
 - Creating equipment maintenance reports.
 - Provide shift engineers and technicians with technical support.
 - Shift Engineer (2007 – 2017):
 - Start-up, shutdown and monitoring of Sidi Krir 1023 Ton/H steam generator.
 - Start-up, shutdown and monitoring of Sidi Krir 15 Ton/H auxiliary steam generator.
 - Start-up, shutdown and monitoring of Sidi Krir auxiliaries including boiler feed pump turbine.
 - Start-up, shutdown and monitoring of Sidi Krir 320MW SIEMENS turbine.
 - Start-up, shutdown and monitoring of Sidi Krir 5000 Ton/H multi stage flashing (MSF) desalination.
 - 220KV and 500KV switch gears monitoring and operation (MIMIC and SCADA systems).
 - Attending the installation of 500KV GIS at SIDI KRIR Power Station.
 - Attending high voltage test for the tie transformers - 220/500KV.
 - First energizing of SIDI KRIR/Nubaria 500KV transmission line.
 - First energizing of (220KV/500KV) Tie transformers.
 - High voltage test for BAY 4, 5, 6 & 7 for 500KV GIS station.
 - Replacing 220KV GIS disconnect switch (Oct. 2011).
 - Supervision of SIDI KRIR main control room DCS monitoring stations update from Jan. 2012 to Apr. 2012.
 - Supervision of steam units' thermal performance calculations.
 - Supervision of SIEMENS steam turbine's DCS update.
 - Siemens turbine major overhaul.
- Dates** : From Nov. 2007 till Apr. 2008 (part time)
- Employer** : IAS (Industrial Automation Systems) Company

Job title : Automation Engineer