

Holds B. Sc. and M. Sc. in Mechanical Power Engineering and has over 13 years hands-on experience, including 7 years working in operation of Sidi Krir Power Plant, 3 years in maintenance and 3 years in construction.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 19/09/1976
Gender : Male
Marital Status : Single
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2002
: M.Sc. in Thermal Engineering (Power Plant), Alexandria University, 2013

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: Matlab

TRAINING COURSES AND CERTIFICATIONS

: Training in ABB Company, Genoa – Italy (harmony base, composer configuration, maintenance power generation portal advanced configuration).
: Vibration analysis course.
: Bus bar protection, generator protection.
: Thermal Power Stations Operation & Troubleshooting (2 weeks).
: Pump classification, assembling & installing.
: TOEFL program, Alexandria University (Jul. 2012).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From May 2008 till now
Employer : West Delta Electricity Production Co.
Project : Sidi Krir Power Plant (2x320MW)
Job title : Operations Superintendent
Job Description :

- Participate in all power steam unit tests (Run back loads, Run down loads, Max capacity rate, etc.).
- Turbine DCS operation and safe start-up & shut down & all its axillaries (seal oil, lube & control oil, seal steam, vacuum pumps, charging generator hydrogen).
- Supervise start-up, normal and shut down operation for steam turbine vacuum breaker, saving margin & its tolerance stress.
- Boiler DCS operation and safe start-up & shut down (gas & mazout firing) all its axillaries (air heater, forced fans, calibration for air to fuel ratio, re-boiling system, soot blower system, dual burners).
- Supervise start-up, normal and shut down operation for the whole unit utilities (steam turbine pump, axial pumps, regeneration heaters, aux header & Aux boiler for start-up (burn with solar)).
- Responsible on preparing Safety Permits, Work orders, Work Access Orders for the whole unit.
- Responsible on safe operation for multi stage flash chamber desalination (20 chambers, 5000 t/day capacity) plant (Hitachi) and its auxiliaries (including: Steam Brine Heater System, Condensate Return System, Brine Recalculating system, Blow Down system, Distillate Intake system, Ejectors Evacuation system & Acid Cleaning system).
- Preparing all units & equipments for save operation from local field performance test on all units after disassembly & installing turbine.

Dates : From Apr. 2007 till May 2008
Employer : ASEC - ARESCO (ASEC for Casting & Heat Treatment)
Project : Sinai Cement (build the second production line)
Job title : Erection Engineer
Job Description :

- Upgrade of National Cement Co.
 - Rehabilitation of Cement Mill 3.
 - Change Intermediate flange Inlet side.
 - Change Intermediate flange Outlet side.
 - Change 2 Trunnion at the Inlet & Outlet Alignment of Girth Gear.
 - Replacement of the De-Dusting Cyclones.
 - Dismantle the de-dusting cyclones upper the raw mill.
 - Erect the new de-dusting cyclones.
- Upgrade of Beni Suef Cement Co. (Lafarge Titan).
 - Rehabilitation of the Preheater.
 - Dismantle the old cyclones (C1, C2).
 - Lift & erect the new cyclones.
 - Dismantle the old meal chute in the (fifth, second) floor.
 - Lift & erect the new meal chute.
 - Dismantle the old Inner pipe in the riser duct (fifth floor) & erect the new inner pipe.

- Sinai Cement (build the second production line).
 - Erection of FLSmidth equipment (Screw conveyors, Rubber belt conveyors, Pulse-Jet Fabric Filters).
 - Erect de-dusting filters.
 - Testing, balancing and commissioning.

Dates : From Apr. 2004 till Mar. 2007
Employer : The Egyptian Starch, Yeast & Detergents Co.
Job title : Maintenance Engineer
Job Description :

- Maintenance of boiling system and it's attachments.
- Maintenance of Detergents, Yeast and Starch factories.
- Maintenance of centrifugal air compressor (DAMG).
- Maintenance of centrifugal separator (Alfa Laval, Dorr-Oliver).

Dates : From Jun. 2002 till Apr. 2004
Employer : HVAC Mech. & Electr. Contracting Co.
Projects :

- Chiller units for Starch, Yeast Company (from Sep. 2003 till Apr. 2004)
- Central AC for the ROCK Factory (from Jan. till Sep. 2003)
- Central Air Conditioning & Ventilation for AMOUN new plant and administration building (from Jun. till Oct. 2002)

Job title : Site Engineer
Job Description :

- Erection of all HAVC equipment (chillers, pumps, AHUs, F.C., fans).
- Supply, fabrication and installation of Duct system, Piping network Valves, Compressed Air Piping, control system, Insulation and Cladding.
- Testing, balancing and commissioning.