

Holds a B. Sc. in Mechanical Power Engineering and has over 4 years hands-on experience working in operation, commissioning and start-up.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 12/05/1987
Gender : Male
Marital Status : Single
Residence : El-Behira

EDUCATION

: B. Sc. in Mechanical Power Engineering, Aswan University, 2012

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD 2D & 3D

TRAINING COURSES AND CERTIFICATIONS

- : Thermal Power Plant Basic Training about Pumps, Compressors, Fans, Heat Exchangers, Water Treatment, Water and Steam Cycle).
- : Thermal Power Plant Site Specific Training about Important Systems for El Ain El Sokhna.
- : Thermal Power Plant Contractor Training about Important Systems for El Ain El Sokhna.
- : Thermal Power Plant Contractor Training (off-shore).
- : AUTOCAD, conducted in cooperation with Modern Design Center, Aswan Valley University.
- : Technology Welding Training Course, Aswan University (30 hrs).
- : English Course in Armed Forces Institution.
- : Human Resource (HR):
 - Time Management.
 - Team Management.
 - Job Analysis - Job Description.
 - Team Motivation.

- : Trainings at:
 - Nubaria Electricity Production Station (Aug./Sep. 2008).
 - Upper Egypt Electricity Production Co. (Jul./Aug. 2009).
 - Upper Egypt Electricity Production Co. (Jul./Aug. 2010).
 - Industrial Training Council (ITC), sponsored by the Ministry of Trading & Industry in Mechanical Maintenance (Feb. 2012).
 - Industrial Training Council (ITC), sponsored by the Ministry of Trading & Industry in Central Air Conditioning (Feb./Mar. 2012).
 - Affectively participate in Robot Design Competition at High Institute of Energy – Aswan University (from Dec. 2010 till Apr. 2011).
- : International Computer Driving License (ICDL).

CHRONOLOGICAL EXPERIENCE RECORD

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| Dates | : | From May. 2016 till now |
| Employer | : | HYUNDI Heavy Industries (HHI) - EGYPTROL |
| Job title | : | SCE/CCR Supercritical Boiler Operator |
| Job Description | : | <ul style="list-style-type: none"> • Start-up & shutdown for all main equipment and auxiliaries of the 4x723MW supercritical steam turbine and generator units at Saudi Electricity Company (SEC) (JSTPP: Jeddah South Thermal Power Plant). • Attend all equipment commissioning activities such as: <ul style="list-style-type: none"> - Initial operation with heat run tests for all unit equipment. - Initial Firing Test. - Steam-Blowing Process for Steam Piping. - Initial Turbine Rolling with Related Tests. - Initial Synchronization. - Load Tests like Load Rejection, House Load, Load Swing & Ramp Rate and Load Runback. • Monitoring and careful follow-up of all systems for supercritical unit and its auxiliaries in normal and abnormal operations. • Making daily technical reports about the unit activities. |
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| Dates | : | From Dec. 2015 till May 2016 |
| Employer | : | EGYPTROL |
| Project | : | Suez Thermal Power Plant |
| Job title | : | Operation, Commissioning & Start-up Engineer |
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| Dates | : | From May 2014 till Dec. 2015 |
| Employer | : | Doosan Heavy Industries and Construction Company |
| Project | : | EL AIN EL SOKHNA SUPERCRITICAL THERMAL POWER PLANT |
| Job titles | : | Operation, Commissioning & Start-up Engineer of Supercritical Power Plant (2x650MW) |
| Job Description | : | <ul style="list-style-type: none"> • All Commissioning & Start-up Boiler and these Activity from it: <ul style="list-style-type: none"> - Acid cleaning & Chemical Boil out. - Boiler & aux. Line Steam Blowing out. - Field Air /Flue Gas Duct/ Casing pressure Test. - Oil Flushing for GAH – FDF – GRF. - Boiler First Fire Test. |

- Boiler Start up for warming.
- Start-up Plant Synchronization.
- Boiler Tuning at (25%-50%-75%-100%), NG & MO Firing.
- Plant Load Rejection at (25%-50%-75%-100%), NG Only.
- Load Swing & Ramp Rate Test.
- Load Runback Test.
- House Load & Boiler Single Operation.
- Performance Test & Reliability Test.
- I work now on these Boiler as Distribution Control System Operator (CCR OPERATOR from last year) and safe Operation for: Boiler start-up and shut down, Load Increase or Decrease, Water Chemistry adjustment, Soot blower System, Boiler Master Follow-up, Equipment Current, Equipment Oil Level, All Fan Filters.

Dates : From Feb. 2013 till May 2014

Employer : TECHINT CONSTRUCTION & ENGINEERING COMPANY

Project : EL AIN EL SOKHNA SUPERCRITICAL THERMAL POWER PLANT (2x650MW GAS/OIL FIRED UNITS)

Job titles : • Commissioning & Start-up Engineer
• Local (6 months) & DCS (8 months) Operator

Job Description : • Closed Cooling Flushing (WB).
• Chemical Cleaning for Condensate System (AD).
• Chemical Cleaning for Feed Water System (AE).
• Boiler Feed Pump Turbine (PFPT) Oil Flushing (SD).
• Start-up Pump Oil Flushing.
• AUX. boiler Commissioning.
• Desalination System Commissioning (WO).
• Firefighting system Commissioning (PF).
• Demineralized Water System (WD).
• Service Water System (WS).
• Feed Water Chemical Feed System (AJ).
• Circulating Water System (WL).