

Holds a B. Sc. in Mechanical Power Engineering and has about 17 years hands-on experience, including 15 years working in operation field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 11/10/1975
Gender : Male
Marital Status : Married
Residence : Currently KSA

EDUCATION

: B. Sc. in Mechanical Power Engineering, Suez Canal University, 2001

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD
: AutoCAD Script Programming
: Visual Basic 6.0

TRAINING COURSES AND CERTIFICATIONS

: Operation of Gas turbine Titan130 (TURBOMACH).
: Fire and Gas detection (E.D.F).
: Fire Fighting (Suez Petroleum Company).
: Operation Job (E.D.F).
: Main Boiler (Foster Wheeler).
: Steam Turbine, Generator & Auxiliaries (TOSHIBA).
: Circulation, extraction & feed water pumps (K.S.B).
: Condenser & Mechanical Auxiliary Equipment (ALSTOM).
: Digital Control System (ALSTOM).
: Medium Voltage Switchboards (Schneider).
: Low Voltage Switchboards Gen main circuit breaker (ABB).
: Gas Safety in Power Plant (G.D.F).

- : High standard specialized study in English and Computer Science (2003), Ismailia Center for Languages and Computer, Ismailia, Egypt.
- : ISO 14001 Training.
- : ISO 9001 Training.
- : OHSAS 18001 Training.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Dec. 2015 till now
- Employer** : First National Operations & Maintenance Co. Ltd. (NOMAC)
- Project** : QIPP 4000MW Power Plant
- Job title** : Shift Team Leader
- Job Description** :
- Combined cycle plant commissioning & start-up and operation.
 - Safe Start-up and Shutdown Operation for All Plant.
 - Reviewing results and meeting with managers to discuss methods of improving the productivity of existing systems.
 - Fast Acting in Emergency Cases.
 - Dealing with SPPA-T3000 controller hardware and software (control system Toolbox).
 - Supervision for chemical cleaning and steam blowing for HRSG.
 - BOP operation (cooling water system, fuel forwarding system, fire fitting system...
 - Identifying, investigating and repairing system faults.
 - Supervising the work of manufacturing engineers, trainee new engineers and support staff.
 - Follow all safety instructions
 - LOTO.
 - Very good dealing with SAP system.
 - PTW Issuer.
 - 6 Modules, each Module consists of:
 - Two Siemens combustion Gas Turbine produce 231MW type 5000F (5) SGT.
 - Two BHE horizontal type heat recovery steam (HRSG).
 - One Siemens steam turbine 231MW type SST 6-4000(DN) HP AND LP steam lines.
 - Chiller system which contain two phase each phase contain:
 - One Thermal Energy Storage tank.
 - Ten working Secondary Chilled Water Pumps.
 - Eight chiller modules.
 - Gas Station which contains:
 - Two Emergency shut-down (ESD) valves.
 - Dry scrubbers.
 - Two Filter separators.
 - Gas metering station.
 - Gas chromatograph anal.
 - Thirteen gas compressor type Atlas Copco.
 - Seven Dew Point heater type.
 - PRV area contains seven lines.

Dates : From Nov. 2014 till Dec. 2015
Employer : Bonatti
Project : Basra – Iraq: West Qurna 2 Gas Turbine Power Plant (WQ2 GTPP) 126MW capacity utilized for West Qurna 2 Oil field that managed by LUKOIL Co.
Job title : GTPP Shift Team Leader

Dates : From Feb. 2008 till Nov. 2014
Employer : EDF (Électricité De France), Egyptian Operating Company (EEOC)
Project : East Port Said Power Plant (2x341MW Gas-Fuel Fired Power Plant) (ISO 14001:2004, OHSAS 18001:1999 and ISO 9001:2000 certified)
Job title : Operation Engineer (Control Room Operator)
Job Description :

- Start-up, Shut down & Safe Operation for Main Boiler (Foster Wheeler) 1200 t/h, natural gas & heavy fuel oil fired and its axillaries.
- Start-up, Shut down & Safe Operation for Main Turbine (Toshiba) and its auxiliaries.
- Start-up, Shut down & Safe Operation for the axillaries, including Gas Turbine 15MW black start Tuma Turbomach.

Dates : From May 2002 till Feb. 2008
Project : Abu Sultan Thermal Power Plant
Job Description : Operation Engineer on Field and DCS at the control room of the plant until I was the Assistant Shift Charge Engineer. My mission is keeping the equipments working in correct mode and find the troubles and solve it and I have 3rd degree at industrial safety.

Dates : From Jan. 2001 till Jan. 2002
Employer : Honeywell Company
Project : Controls Upgrade Project Abu Qir Steam Power Plant Units 1, 2, 3 & 4
Job title : Draftsman and update databases

Field of experience :

- Operation of Natural Gas/Heavy Fuel power plants.
- Start-up Engineering, Turnover Packages and Performance Testing.
- Outage Coordinator.
- Preparation of risk analysis for critical maintenance activities.
- Performing maintenance work requests and preparation of safety work permits.
- Carrying out isolations & normalizations for all systems & sub systems.
- Perform Isolation and Safety Tag Out of Equipment.
- Writing incidents reports and summarize feedback.
- Writing Operating and Periodic Tests Procedures.
- Performing Heat Rate tests and analysis of results.
- Experienced in Electrical and I&C.
- Operation T/G with Toshiba / Mark V Control.
- Operation of Power Plants form DCS (Alstom).
- Operation of 220 Switch Yards (GIS).
- Operation of P.L.C control equipments (auxiliary boilers, Desalination units, Demi. units and HypChloronation units).
- I work on many systems:

- Pumps and fans from different kinds.
- High Speed Generators and high and low voltage transformers.
- Steam turbines and boilers.
- Oil storage tanks and transfer systems with tracing lines and Steam Heaters.
- Gas pressure reduction systems with different pressures.
- Electrical switchgear with different voltages and types.
- Many fire fighting systems.
- Emergency gas turbine unit 9MW.
- Emergency diesel unit 0.5MW.
- Summary:
 - Working experience as a Shift Team Leader with different Power Projects.
 - Experience based on safe and efficient power production.
 - Awareness Power / water Purchase & Fuel Supply Agreements.
 - Leading and managing skills in production with water and Power field.
 - Practical knowledge and Experience of Electrical Switchgear Operation and Electrical Protection system.
 - Practical knowledge of Electrical Routine & Emergency switching up to 500KV.
 - Practical knowledge of isolation and de-isolation of 500KV transmission lines SF6 Breakers & earth switching according to company Safety rules.
 - Able to Diagnose Troubleshooting & rectification.
 - Practical knowledge about firefighting system including fixed firefighting Deluge & Sprinkler system.
 - Anticipation in Quality, Safety and Environmental Audits.
 - Fully familiar with company safety rules and work permits philosophy.
 - Responsible to review procedure & Operating instructions.
 - Working knowledge of erection, commission & able to take decision during smooth & troubleshoot condition.
 - Good understanding of integrating multicultural staff into one team.
 - Using of SAP, work report & permit system.
 - Awareness & In Practice Safety regulation codes, Firefighting & first aid.
 - Authorized and certified Incidents/Emergencies Control Coordinator.
 - Awareness of QSA, ISO, IOSH & Ro SPA Standards.
- Additional tasks:
 - Reporting and plant statistical data.
 - Monthly report for all data about the plant.
 - Metering for (water, gas, light fuel, heavy fuel and power delivered, received).
 - Calibration for metering devices.