

**Commissioning & Start-up Mechanical Superintendent**

Holds a Diploma from Technical School and has over 30 years hands-on experience in mechanical commissioning, operations and maintenance of Combined Cycle PP, Thermal PP and Supercritical PP Equipment's (Steam Turbines, HRSG, Gas Turbines, steam generators, BOP) and pipelines.

**PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 20/10/1966  
Gender : Male  
Marital Status : Married  
Residence : Esna

**EDUCATION**

: Technical Secondary School, 1984

**LANGUAGES**

Arabic : Native Language  
English : Good

**COMPUTER SKILLS**

: Windows, MS Office, Internet

**TRAINING COURSES AND CERTIFICATIONS**

: Power Generation and Electric Protections, Cairo North Power Station Training Center (3 months).

**CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Mar. 2019 till now  
**Employer** : China Energy Engineering Group  
**Project** : Cairo West Supercritical Power Plant 1x650MW  
**Job title** : Commissioning & Start-up Mechanical Superintendent  
**Job Description** :

- Responsible for commissioning, start-up, operation of BOP system of supercritical thermal power plant.
- Mechanical Equipment's specifications (Steam turbines, Gas turbines, Pipeline, Pressure Vessels, Boilers, Heat exchanger, Pumps, Compressors).
- Large HP feed pump more than 3MW or turbine driven feed pump (KSB – SULZER – THERMOMECHANICA).

- Management and delivery of pressure / pneumatic test, hydro test, vacuum test and post weld heat treatment.
- Manage and deliver chemical cleaning, flushing, blowing and leak testing.
- Dismantle and assembly after repair all valve leakage.

**Dates** : From May 2017 till Feb. 2019  
**Employer** : TECHINT Engineering and Construction  
**Project** : South Helwan Supercritical Thermal Power Plant (3x650MW)  
**Job title** : Commissioning & Start-up Mechanical Superintendent  
**Job Description** :

- Responsible for commissioning start-up, operation of BOP system of Supercritical thermal power plant.
- Procedure for each commissioning and start-up and maintenance.
- Check and control spare part.
- Arrange work permit paper and safety in site.
- Report with photos for each maintenance.

**Dates** : From Oct. 2013 till Apr. 2017  
**Employer** : [EGYPTROL](#), DOOSAN HEAVY INDUSTRIES & Construction Co. Ltd. Subcontractor  
**Project** : El-Ain El-Sokhna Supercritical Thermal Power Plant (2x650MW)  
**Job title** : Commissioning & Start-up Mechanical Supervisor  
**Job Description** :

- Responsible for commissioning, start-up, operation of SUPERCRITICAL Gas/oil fired steam generator.
- Pre-commissioning and commissioning of condensate systems, Feed water systems.
- Perform and manage chemical cleaning, flushing and STEAM blowing piping systems.
- Manage interfaces between commissioning and all other disciplines.
- Dismantle and assembly steam blow kit for valves.
- Mechanical Equipment's specifications (Steam turbines, Gas turbines, Pipeline, Pressure Vessels, Boilers, Heat exchanger, Pumps, Compressors).

**Dates** : From Oct. 2011 till Jul. 2013  
**Employer** : [EGYPTROL](#), AC Boilers Subcontractor  
**Project** : Abu Qir Thermal Power Plant 2x650MW  
**Job title** : Commissioning & Start-up Mechanical Supervisor  
**Job Description** :

- Responsible for Mechanical Commissioning and Operation for the boiler and its auxiliaries.
- Pre-commissioning and commissioning of condensate systems, Feed water systems.
- Perform and manage chemical cleaning, flushing and STEAM blowing piping systems.
- Manage interfaces between commissioning and all other disciplines.
- Dismantle and assembly steam blow kit for valves.
- Mechanical Equipment's specifications (Steam turbines, Gas turbines, Pipeline, Pressure Vessels, Boilers, Heat exchanger, Pumps, Compressors).

**Dates** : From May 2011 till Sep. 2011  
**Employer** : GE Power & Water (through Kharafi National Co.)  
**Project** : Damietta Gas Turbine Power Project 4x125MW  
**Job title** : Commissioning & Start-up Mechanical Supervisor  
**Job Description** : Responsible for commissioning, start-up and operations of mechanical equipments for the following:

- Cooling water pump & fin fans cooler.
- Lube oil system.
- Fire fighting system.
- Gas fuel and liquid fuel supply systems.
- Air processing unit system.
- Water injection system.

**Dates** : From Aug. 2010 till Apr. 2011  
**Employer** : KAHROMIKA Co. – seconded to INITEC Energia  
**Project** : El-Tebbin Thermal Power Plant Project 2x350MW  
**Job title** : Commissioning, Start-up Mechanical Supervisor  
**Job Description** : Responsible for commissioning and operation of CP-118 mechanical equipments:

- Condensate water system.
- Feed water system.
- Circulating cooling water system.
- Fire fighting system.
- Closed cooling water system.
- Auxiliary steam system.
- Mazout and solar supply systems.
- Compressed air system.
- Natural gas supply system.
- Hydrogen generation unit.

**Dates** : From Jan. 2010 till Jul. 2010  
**Employer** : [EGYPTROL](#), TOSHIBA/TOYOTA Subcontractor  
**Project** : El-Atf Combined Cycle Power Plant 750MW  
**Job title** : Commissioning & Start-up Mechanical Supervisor  
**Job Description** : Responsible for mechanical commissioning and operation for closed cooling, service water, main cooling system, compressed air system, firefighting system, feed water system (HP, IP, LP pumps), condensate water system and other required operation.

**Dates** : From Feb. 1999 till Dec. 2009  
**Employer** : Upper Egypt Electricity Production Co. (UEEPC)  
**Project** : Assiut Power Plant 2x315MW  
**Job title** : Operation Supervisor  
**Job Description** : Responsible for start-up and operations of mechanical and electrical systems, boiler, feed water system, condensate water system, cooling water circulating system, close cooling water system, fuel and steam systems as well as steam turbine operation through understanding of

industrial safety practice.

**Dates** : From Jan. 1997 till Jan. 1999  
**Employer** : ANSALDO ENERGIA SPA  
**Project** : Assiut Thermal Power Plant extension project 1x315MW  
**Job title** : Field Operator  
**Job Description** : Responsible for operations of mechanical work scope for boiler and auxiliaries.

**Dates** : From Feb. 1990 till Jan. 1997  
**Employer** : Upper Egypt Electricity Production Co. (UEEPC)  
**Project** : Assiut Power Plant 2x315MW  
**Job title** : Operation Technician  
**Job Description** :

- Responsible for start-up and operations of mechanical and electrical systems, feed water systems, condensate water systems, cooling water circulating and closed cooling water systems, fuel and steam systems.
- Steam turbine operation, through understanding of industrial safety practice.