

**100304-MEC-C-E-2004**  
**Mechanical Construction Engineer**

Holds a B. Sc. in Mechanical Power Engineering and has about 10 years hands-on experience. He can analyze and carry out installation, commissioning, put into operation, and also doing maintenance service for mechanical equipment's (pumps, pipe lines, compressors, valves, etc.) and has excellent background to deal with turbines, boilers and all power station mechanical systems.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 23/12/1976  
Gender : Male  
Marital Status : Married  
Residence : Alexandria

## EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2004

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet  
: MS Project  
: AutoCAD

## TRAINING COURSES AND CERTIFICATIONS

: Off-shore training: HRSG operation & maintenance, conducted by NEM for industrial & utility boiler, Hengelo - NETHERLAND.  
: Professional training by ANSALDO ENERGIA for steam turbines.  
: Technical and vocational training corporation certification letter for Collage of tourism & hotel management, El-Taef project.  
: Technical and vocational training corporation certification letter for Muhail Asir project.  
: Training certificate from Toshiba for fire protection systems installation and maintenance.  
: Training certificate from Toshiba for horizontal & vertical pumps installation and maintenance.  
: Training certificate from Toshiba for HVAC systems installation and maintenance.

- : Training certificate from Toshiba for cathodic protection system.
- : Training certificate from Toshiba for compressed air system.
- : Training certificate from Toshiba for control valves.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : For 2 years  
**Employer** : Zamandar Engineering Consulting (Saudi Arabia)  
**Job title** : Mechanical Site Consultant Engineer
- Dates** : From May 2010 till Jan. 2011  
**Employer** : Ansaldo Energia S.P.A. (Steam turbine erection)  
**Project** : Sidi Krir Combined Cycle Project 750MW:  
 Consist of 2 MHI gas turbine, 1 Ansaldo steam turbine and 2 NEM Heat Recovery Steam Generators (HRSGs).  
**Job title** : Mechanical Construction Engineer
- Dates** : From Jul. 2009 till Apr. 2010  
**Employer** : Elkrom Middle East S.A.E. (ANSALDO sub-contractor), Consultant: PGESCo.  
**Project** : Sidi Krir Combined Cycle Project 750MW  
**Job title** : Mechanical Construction Engineer
- Dates** : From Jan. 2007 till Jul. 2009  
**Employer** : West Delta Electricity Production Co. (WDEPCo), Consultant: PGESCo.  
**Project** : Sidi Krir Combined Cycle Project 750MW  
**Job title** : Mechanical Construction Engineer
- Dates** : From Jan. 2006 till Jan. 2007  
**Employer** : Watanya for contracting and fire fighting systems  
**Job title** : Mechanical Construction Engineer
- Dates** : From Jun. 2004 till Dec. 2005  
**Employer** : El-Bostan for contracting and trading  
**Job title** : Sales Engineer  
**Job Description** : Prepare all the technical data in the technical offer for sales department to present it to client.
- Field of experience** :
- Hydro test packs (P&IDs, isometric drawing, line list, valve list, supports list).
  - Punch items closing.
  - Revision drawing & PIDs for mechanical equipment's.
  - Preparation base plate for equipment's & Supervision of shipping and baker plate erection.
  - Installation rotor & static mechanical equipment's arrangement leveling and centering.

- Grouting procedure and specification.
- Piping works.
- Alignment for the rotor mechanical equipment's.
- Solving erection problems and preparation of site modification reports.
- Follow up Specification of local purchased materials.
- Follow up & update schedule, purchase order, and material delivery to site.
- Supervise for the steam turbine erection sequence including 3 pressure level Turbines (HP turbine, IP turbine, LP turbine), generator, steam surface condenser, piping works, pumps, hydro and pneumatic tests.
- Supervise for the pre- and final alignment for the steam turbine between HP, IP rotors & IP, LP rotors & LP, generator rotors and miscellaneous pumps and motors.
- Supervise for the mechanical equipment's erection for the steam turbine auxiliaries like (seal oil skid, lube and control oil skid, vacuum pumps skid).
- Supervise for the (steam seal, air extraction, HP & IP by-pass) systems erection.
- Follow up of HRSGs erection sequence including steel structure, stack, casing, harps, insulation (internal & external).
- Cladding, piping works, hydro test & chemical cleaning.
- Follow up all documents revision for the project (from revision 0 to as built).
- Reviewing all the isometric drawing and take all information like (No. of field welds, die inches, spool No., material classification) to follow up the work at site according to hydro test priority.
- Review all the materials delivered to the site and check it with the drawings.
- Handling over the works to the consultant.