

<b>101581-MEC-CW-E-1985</b> <b>Mechanical &amp; Piping Construction Manager</b>
--

Holds a B. Sc. in Mechanical Power Engineering and has over 30 years hands-on experience working in construction and piping.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 04/12/1962  
Gender : Male  
Marital Status : Married  
Residence : Alexandria

## EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 1985

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Jun. 2013 till Jul. 2015  
**Employer** : ALSTOM POWER GMBH  
**Project** : EL-TEBBIN Thermal Power Plant - 2x350MW GAS/OIL Fired - Unit 1 Rehabilitation Project  
**Job title** : Mechanical Construction Manager  
**Job Description** : Mechanical installation work for Steam Turbine, Generator, Condenser, Auxiliaries and Piping.

**Dates** : From Jan. 2013 till May 2013  
**Employer** : Hitachi Plant Technologies LTD  
**Project** : BANNHA Power Station - 750MW Combined Cycle Project  
**Job title** : Mechanical Construction Manager  
**Job Description** : Installation for all mechanical equipment (CP-118).

**Dates** : From Sep. 2010 till Dec. 2012  
**Employer** : MITSUBISHI HEAVY INDUSTRIES LTD

**Project** : Abu Qir Thermal Power Plant (Units 6 & 7) – 2x650MW GAS/OIL Fired  
**Job title** : Condenser Superintendent Construction Coordinator Engineer  
**Job Description** :

- Installation for all condenser parts.
- Installation for LP heater.
- Installation for piping around condenser.
- Water filling and hydro test.

**Dates** : From Apr. 2009 till Aug. 2010  
**Employer** : MITSUBISHI HEAVY INDUSTRIES LTD  
**Project** : Cairo West Thermal Power Plant (Units 7 & 8) – 2x350MW GAS/OIL Fired  
**Job title** : Condenser Superintendent Construction Coordinator Engineer  
**Job Description** :

- Installation for all condenser parts.
- Installation for LP heater.
- Installation for piping around condenser.
- Water filling and hydro test.

**Dates** : From Oct. 2008 till Mar. 2009  
**Employer** : ALSTOM EGYPT for Power & Transport Projects (AEPTP)  
**Project** : Nubaria Power Station Phase 3  
**Job title** : Turbine Superintendent  
**Job Description** : Mechanical installation work for steam turbine and generator.

**Dates** : From Sep. 2006 till Sep. 2008  
**Employer** : CONSOLIDATED CONTRACTORS COMPANY (C.C.C.)  
**Projects** :

- Khursaniyah Gas Plant – KSA
- Rabigh Independent Water, Steam Power Plant (IWSPP) – KSA

**Job title** : Section Mechanical & Piping Engineer  
**Job Description** :

- Piping Installation work and Test Back follow up work.
- Mechanical Installation Work for steam turbine, generators, condenser, equipments and piping.

**Dates** : From Mar. 2005 till Jun. 2006  
**Employer** : MITSUBISHI HEAVY INDUSTRIES LTD  
**Project** : Nubaria Power Station I & II (2x750MW Combined Cycle)  
**Job title** : Head Section Mechanical Construction Coordinator Engineer  
**Job Description** :

- Follow up, managing and planning for installation two condenser units & piping system.
- Installation for shell, shell skirt, expansion joint and water boxes.
- Cooling tube insertion, expand and seal welding.
- Installation for piping around and inside condenser.
- Installation for ball cleaning system.
- Water filling test.
- Oil flushing work.
- Installation for piping around turbine, main oil tank and generator.
- Hydro & pneumatic test for all piping system.

**Dates** : From Sep. 2003 till Feb. 2005  
**Employer** : Hitachi Plant Engineering & Construction Co. LTD  
**Project** : Cairo North Power Station (750MW Combined Cycle), Construction Section  
**Job title** : Senior Mechanical Construction Engineer  
**Job Description** :
 

- Mechanical installation (Steel Structure, Mechanical Equipments, Motors and their alignment, Conveyors, Piping).
- Managing and controlling of the working manpower within the site.
- Reporting (on daily, weekly and monthly basis) regarding work activities, progress and problems.
- Planning time schedules for work activities and calculating of extra work time sheets and cost.
- Responsible for testing and commissioning for the plant.
- Construction:
  - Gas Turbine (2 units):
    - Inlet and Exhaust Duct Installation.
    - Bypass Stack Installation.
    - Inlet Filter Assembly and Installation.
    - Auxiliary Equipment Installation.
  - Steam Turbine Unit:
    - Heavy Lift Work:
      - Main oil tank unloading & setting on base.
      - Condenser lower shell lifting, unloading, assembly and setting on base.
      - Generator lifting and setting on base.
    - Condenser Work:
      - Condenser lower shell installation.
      - Condenser exhaust neck installation.
      - Condenser expansion joint installation.
    - Auxiliary Equipment:
      - Main oil tank – Vacuum pumps – Shaft sealing unit, etc.
    - Piping and Piping Support Work:
      - Installation for piping around condenser.
      - Installation for piping around turbine (Jack oil piping – Lubrication oil piping – Control oil piping – Gland steam piping and main steam piping).
      - Installation for piping around generator (Lubrication oil piping – Shaft sealing piping – Hydrogen piping).
      - Hydro & pneumatic pressure test for all piping system.
      - Insulation and Flushing work follow up.

**Dates** : From Apr. 2003 till Aug. 2003  
**Employer** : Hitachi Plant Engineering & Construction Co. LTD  
**Project** : Fabrication Section  
**Job title** : Senior Mechanical Fabrication Engineer  
**Job Description** : Responsible for all fabrication work.

**Dates** : From Jan. 2003 till Mar. 2003  
**Project** : Upgrade Line No. II (Construction Section)  
**Job title** : Mechanical Construction Engineer

**Job Description** : Responsible for installation of cooler system.

**Dates** : From Jan. 2001 till Dec. 2002

**Project** : El-Ezz Flat Steel Project – Ain Soukhna, Suez (Construction Section)

**Job title** : Mechanical Construction Engineer

**Job Description** :

- Fume Plant (water cooled duct, primary simple wall duct, secondary simple wall duct, cyclone, heat exchanger, fans, bag filter plant, stack, main fans, dust storage silo & steel structure supports).
- Material Handling System (conveyors, ladle furnace storage pins, electric arc furnace storage pins, de-dusting system & steel structure supports).
- Steel Making Plants:
  - Electric Arc Furnace.
  - Ladle Furnace (roof and column system lifting, electrode lifting system, water cooled roof, alloy hopper, electrode arms assembly, sampling device, stirring lance installation & wire feeder installation).
  - Scrape Bucket Assembly.
  - Vertical Drying Station, Vertical ladle preheating station & horizontal preheating station.
  - Carbon Storage Silo.
  - Thin slab caster:
    - Thin slab caster equipment.
    - Thin slab caster maintenance equipment.
  - Tunnel Furnace Equipment.
  - Hot strip mill equipment.

**Dates** : From Jan. 2000 till Dec. 2000

**Project** : FMJ

**Job Description** : Conveyor system to transport the steel elementary material from the Mineral Jetty into ANSDK including conveyors, towers and combined Stacker Reclamer.

**Dates** : From Jan. 1999 till Dec. 1999

**Project** : TDRP (Third Direct Reduction Plant) in ANSDK

**Job Description** : Gallery bridges, conveyors, towers, dust collection piping and all equipments.

**Dates** : From Apr. 1998 till Dec. 1998

**Project** : Bar Mill Plant in ANSDK

**Job Description** : Equipments and water piping.

**Dates** : From Jun. 1997 till Mar. 1998

**Project** : El-Ezz Steel Factory in Sadat City

**Job Description** : Continuous casting machine and all related equipments.

**Dates** : From Jan. 1996 till May 1997

**Employer** : Hitachi Plant Engineering & Construction Co. LTD

**Project** : Plants of ANSDK

- Job title** : Senior Mechanical Maintenance Engineer
- Job Description** :
- Site Engineer in charge of maintenance and (Major & Minor) periodic repair for all the plants of ANSDK.
  - Responsible for controlling the working manpower (50 persons).
  - Plants assigned:
    - Direct Reduction Plants.
    - Electric Arc Furnace Plant.
    - Continuous Casting Machine Plant.
    - Bar Mill and Rod Mill Plants.
- Dates** : From Sep. 1989 till Dec. 1995
- Employer** : Egyptian Co. for Manufacture of insulating material in Alexandria
- Job title** : Mechanical Maintenance Engineer
- Job Description** :
- Responsible for installing and maintaining of boiler, compressors, pumps, water treating units and production line of expandable polystyrene.
  - Planning of maintenance activities and their follow up.
- Dates** : From Dec. 1988 till Aug. 1989
- Employer** : General Organization of passenger transportation in Alexandria
- Job title** : Mechanical Maintenance Engineer
- Job Description** : Maintaining and repair of the organization vehicle and their motors.
- Dates** : From Jan. 1986 till Jun. 1988
- Employer** : Egyptian Naval Forces
- Project** : Military Service
- Job title** : Reserve Officer
- Job Description** :
- Worked in the field of operating, repair and maintenance of diesel engines.
  - Operating, repair and maintenance of air conditioning cooling units.
  - Training of the staff for the work of maintenance and repair of diesel engines, air conditioning systems and cooling systems.