

Mr. Hamed holds a B. Sc. and a post graduate Diploma in Mechanical Engineering. He has 17 years of experience in fossil fuel power plants operation. He has complete knowledge and experience in electrical and I&C components of the power generation plants. He worked in power plants and pumping stations in Egypt, Syria and Algeria.

PERSONAL DATA:

Nationality: Egyptian
Date of Birth: 04/05/1967
Marital status: Married

EDUCATION:

- Post Graduate Diploma of Mechanical Engineering in Thermal Power Plants, June 2001, Assiut University.
- B.Sc. of Mechanical Eng. In Thermal Power Engineering, May 1993, Assiut University.

COMPUTER SKILLS:

Windows, Microsoft office

LANGUAGES:

Arabic: Native Language
English: Good

TRAINING COURSES:

- Advanced training of operation power station in Abu-Quier thermal power plant.
- Operations Training in Cairo North training centre.
- On-site training in Assiut power plant.

CHRONOLOGICAL EXPERIENCE RECORD:

Date: March 2010 to present
Employer: EGYPTROL
Project: Commissioning Subcontractor for HRSG Contractor - NEM
Al Atf Combined Cycle Power Plant 750 MW CCPP
Job title: Commissioning, Start up and Operation Leader
Job Description:

- Prepare details of commissioning schedule coordinating with other contractors to meet project overall schedule.
- Manage commissioning activities on a day to day basis.
- Represent NEM in the daily commissioning meeting.
- Plan for the equipment's cold and hot function tests
- Provide technical support for commissioning team.
- Supervise 24/7 operation shift engineers of MDEPC.
- Analyze and troubleshoot commissioning and operation problems.
- Supervise HRSG performance and reliability test.

Date: Nov. 2009 to March 2010
Employer: EGYPTROL seconded to ABB Manheim
Project: Water Pumping Project - Algeria
Job title: Commissioning and Start up Leader
Job Description:

- Prepare details of commissioning schedule.
- Manage commissioning activities on a day to day basis.
- Provide technical support for commissioning team.

Date: April 2009 to Nov. 2009
Employer: EGYPTROL
Commissioning Subcontractor for BoP Contractor –
TOYOTA/TOSHIBA
Project: Al Atf Combined Cycle Power Plant 750 MW CCPP
Job title: Mechanical Commissioning, Start Up, and Operation Leader
Job Description:

- Prepare details of commissioning schedule coordinating with other contractors to meet project overall schedule.
- Managing commissioning activities on a day to day basis.
- Attend commissioning daily meeting with the client representing TOYOTA/TOSHIBA

- Plan for the equipment's cold and hot function tests
- Provide technical support for commissioning team.
- Supervise 24/7 operation shift Engineers of MDEPC.
- Analysis and troubleshooting of commissioning and operation problems.

Date: Jan.2008 to March 2009

Employer Upper Egypt Electricity Production Company (UEEPC).

Project: Assiut Thermal Power Station

Job title: Deputy Head of Operations Department

Job Description: Team leader & coordinator of operation activities
 Interfacing with other internal departments and dispatch center, including:

- Manage and prioritize workload.
- Make analysis for operation incidents.
- Prepare procedures for systematic and sequential pre-commissioning / commissioning / start up of plant following maintenance activities.
- Supervise routine maintenance schedules.
- Enforce safety and precautionary requirement procedures during and after maintenance.
- Report unit's availability & efficiencies.
- Train operation engineers.

Plant Description: 2 x 312 MW steam power plant including:

- MITSUBISHI (CE) dual fired (N.G. /HFO) drum type, forced circulation, reheat boiler with 2 x 50% FD /GR fans, air heater, Soot blowers, etc.
- ANSALDO front & rear burners dual fired (N.G./HFO) drum type, natural water circulation, reheat boiler with 2 x 50% FD / GR fans, air heater, Soot blowers, etc.
- MITSUBISHI STG with H, IP and LP cylinders, H2 cooled Generator and FRANCO TOSI river water cooled Condenser with C.H. ZIKESCH GMBH. HP, SULZER LP Steam Bypass systems.
- ANSALDO STG with H, IP and LP cylinders, H2 cooled Generator and river water cooled Condenser with REXROTH HP/LP Steam Bypass systems.
- BOP including 7 Stage regenerator feed water heaters, Circulating water, 2 x 50% MFWP and 1 x 100% TFWP, Closed cooling water, Compressed air, EDG, Fuel handling,

Ball cleaning, Aux Boiler and TELEDYNE ENERGY H2 production Systems.

Date: Oct. 2007 to Jan 2008
Employer: KOCH/SIEMENS Consortium
Project: Al Naserria power plant extension in Syria
Job title: Start Up / Shift Engineer.
Job Description: Responsible for conducting plant start-up activities during the shift and maintaining efficient power plant stability during performance, reliability and grantee tests.
Plant Description: Combined Cycle Plant comprising:
- 3 Fiat Avio gas turbine, 115 Mw each
- One Siemens Steam Turbine 150 Mw with HP & LP casing.
- Siemens Air Cooled Generator.
- HP & LP bypass system,
- Direct contact jet condenser cooled by dry air cooling tower.
- NEM HRSG with HP & LP drums and forced recirculation pumps.
- BOP including: HP & LP feed water pumps, RO Demi plants, Condensate polisher, Raw and sanitary water systems, etc.

Date: Nov. 2005 to Oct. 2007
Employer: Upper Egypt Electricity Production Company (UEEPC)
Project: Assiut Thermal Power Station
Job title: Deputy Head of Operations Department

Date: Mar.2002 to Nov. 2006
Employer: Upper Egypt Electricity Production Company (UEEPC)
Project: Assiut Thermal Power Station
Job title: In-Charge Operation Shift Engineer
Job Description:
- Supervise and distribute work during the shift.
- Receive and carry out instructions from the power station management.
- Brief, instruct and train subordinate staff.
- Issue switching instructions prior to maintenance permits.
- Supervise personnel safety and report all hazardous events and accidents.
- Keep records of operations, faults, switching, hydrological

conditions, etc.

- Anticipate and respond effectively to operational demands.
- Assist in achieving safe and efficient generation and maintaining power plant stability.
- Connect & Disconnect Electrical Circuit.
- Conduct administrative control concerning the shift personnel.

Date: Apr1994 to Mar. 2002

Employer: Upper Egypt Electricity Production Company (UEEPC)

Project: Assiut Thermal Power Station

Job title: Operation Shift Engineer

Job Description

- Responsible for full control of Plant operation team. In addition, during long maintenance periods, assist maintenance engineer, parallel to basic Operator Shift Engineer work.
- Co-operating with Mitsubishi Company in internal chemical cleaning of 1085 Ton/hour water tube boiler.
- Working in internal chemical cleaning of condenser tube side.