

Aly Hediah

Power Plants Senior Mechanical Engineer

Mr. Hediah has 27 years of experience in power plants equipment construction, operation, maintenance, rehabilitation, sales and marketing. His specialty is in boilers, high-pressure vessels, heat exchangers and piping. He is familiar with the relevant standards and codes.

NATIONALITY: Egyptian

EDUCATION : B.Sc. Degree in Mechanical power Engineering 1983

DATE OF BIRTH : 19/9/1959.

TRAINING COURSES:

- Power Generation Construction, Operation and Maintenance Courses USA (Salt River Project-SRP) Off -Shore. (3months)
- Power Plant Construction, Operation and Maintenance by Overseas Bechtel Incorporated (6months).
- Power plant components operation and maintenance training courses with certificates

COMPUTER SKILLS: MS Office applications and Lotus Notes

Conducted Training Courses as a Trainer:

- Shoubra Elkheimah Power Station Training Center of Power Generation.
- Engineering Students Summer Training
- Commonwealth Group Training (EEA training Center 1996).
- Generating Electricity Company (G.E.C.) Libyan Groups Training in Egypt and in Libya
- Intensive Courses in Kuwait in the following Subjects:
- Construction - O&M of Power Plant Boilers.
- Installation - O&M of Reciprocating Compressors and Pumps.
- Installation - O&M of Centrifugal Compressors and Pumps.

Language capabilities:

Arabic: mother language
English: very good

CHRONOLOGICAL EXPERIENCE RECORD

Date: Dec. 2008 to Present (July 2010)
Company: EGYPTROL (Egypt Engineering Services)
Job title: Operations Manager

Job Description and Level of Responsibility:

- Preparing marketing plans, study bidding documents, estimation cost and prepares proposals.
- Facilitating the execution of company projects.
- Leading office facilities, HR, Sites Admin. & company procurement.

Date: August 1999 to Dec. 2008
Company: ABB, changed to ALSTOM POWER
Projects: See listed Projects below
Job title: - Service Engineer
- Customer Service Manager - Utility Power Plant

Job Description and Level of Responsibility:

- Develop relationships with key Customer contacts.
- Prepare services proposals and negotiate contracts.
- Liaise with clients in all project stages.
- Organize and execute acceptance and performance tests.
- Assure achievement of high customer satisfaction levels.
- Prepare annual budget forecasts for nominated customers.
- Participate in Risk Reviews as required.

Main Projects during this period:

- Supply of Steam Turbine spare parts for SKODA Turbines- Kafr Eldawar P.P.
- Repair Low Pressure Turbine rotor for SKODA TURBINE Talkha P.P.
- Site survey and assessments for Boilers: United Arab - Misr fine Spinning and Weaving Egypt- Zarka P.P Jordan.
- Project Management and Warranty Support for El-Mahmoudiah and Damanhur 13 Generator Repair 18 months.
- Supply Spare Parts for the Static Excitation for Zarka P. P. in Jordan
- Support ARCO STEEL ENVIRONMENTAL PROJECT.
- Supply and supervision of erection for Abu Qir Unit 3 LTR (Low Temperature Reheater).
- Supervise local manufacturing of Cairo North P. P. Condenser at IBSF FACTORY and following the Execution of Erection in the Site (for Alstom Heat Exchange France).

- Rehabilitate kafr El-Dawar unit No. 4 Complete Boiler Rehabilitation.
- Supply and Erection of Damanhour P.P. Super-heater # 2 (Babcock) boiler.
- Supply and Supervise Erection for Abu Qir 4 LTS (Low Temperature Supper-heater) for units 1--4 after conducting the survey.
- Supply a lot of Spare parts to several Power Plants (valves -pumps - even noble spare parts - Level Glasses - Bearings)
- Site Survey for Non-ALSTOM Boilers (Cairo West - Sidi Krir - Damanhour - EDF FW boiler)
- Local manufacturing of Cairo West Super-heater and Re-heater at EEHC 10th of Ramadan Workshop and following the erection at Site for ALSTOM Italy.
- Overhauling EIAMRIA for Spinning and weaving boiler.

Date: July 1997 to August 1999
Company Cairo Electricity Production Company
Plant: Shoubra El-Kheima Power Plant
Job Title: Chief Mechanical Maintenance & Boiler Department Lead Engineer

Job Description and Level of Responsibility:

- Responsible for all boilers maintenance work.
- Identify spare parts requirements.
- Prepare the overhauling schedule, site activities and requirements.
- Execute the entire overhaul site activities and reporting.

Date: July 1996 to July 1997
Company General Electricity Company of Libya
Project: Derna Power Generation & Desalination Plant (Libya)
Job title: Overhauling and Commissioning Manager

Job Description and Level of Responsibility:

Co-ordination between ABB & Dutch Babcock overhaul activities with General Electric Company of Libya (GECAOL) for all site activities (Boiler, Turbine and BOP).

Date: June 1987 to July 1996
Company Cairo Electricity Zone
Project Shoubra EIKheima Power Plant
Job title: Senior Maintenance Engineer

Job Description and Level of Responsibility:

- The preparation and execution of the Preventive Maintenance Program.
- Preparing Spare Parts lists.
- Supervision of all site activities for units overhauling
- Preparing all the technical backlog and historical overhauling reports
- Supervision of 8 Boilers acid cleaning with an Italian company.

Date: April 1986 to May 1987
Company: FRANCO- TOSI - Italian Company
Project: Aqaba Power Station Jordan (2X130MW)
Job title: Commissioning and Start-up Senior Engineer

Job Description and Level of Responsibility:

Commissioning, Start-up and Operation Senior Engineer of two Steam Turbines units 130 MW each, till turn over to {Jordan Electricity Authority} (JEA)

Date: February 1983 to April 1986
Company: Cairo Electricity Zone
Project: Shoubra Elkeima Power Plant (4X315) MW
Job title: Construction and Erection Supervisor

Job Description and Level of Responsibility:

Representing the plant Owner in following up, inspecting and accepting the Boiler parts including:

- Pressure Parts (Steam Drum, Super heater, water wall, connecting Tubes, Economizer, steam air heater, all fuel heat exchangers Coils cleaning...etc)
- Rotating Machines (F.D.Fans, G.R.Fans, Gas air preheater)
- Bearings and seals.
- Compressors (centrifugal and reciprocating) high pressure compressors
- Pumps (Inspection and change, Bearing, packing, Mechanical seal, Wearing Rings leveling and alignment...etc)
- Burner Pumps, Booster Pumps, High Pressure Pumps, Condensate Pumps, Positive displacement pumps (additive pumps for injection)
- Soot Blower (Inspection- Repair-Adjusting)
- Valves (All Types) Isolating, control, Safety Maintenance and Repair
- Burners (Inspection, testing mazout guns, Atomizer, Gas Spud Nozzles, air Registers, Actuators, etc).