

Aly Hediah Power Plants Senior Mechanical Engineer

He holds a B. Sc. in Mechanical Power Engineering and has 28 years 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.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 19/09/1959
Marital Status : Married

EDUCATION

: B. Sc. in Mechanical Power Engineering, 1983

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: MS Project
: Visio tech.5

TRAINING COURSES AND CERTIFICATIONS

: Power Plant Construction, Operation and Maintenance Courses in field of Power Generation in America (Salt River Project - SRP), Off-Shore (3 months).
: Training courses at Over Seas Bechtel Incorporation Inshore Power Plant Construction, Operation and Maintenance (6 months).
: Power plant components operation and maintenance training courses with certificates.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Dec. 2008 till now (Feb. 2011)
Employer : EGYPTROL (Egypt Engineering Services)
Job title : Operations Manager
Job Description :

- 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.

Dates	:	From Aug. 1999 till Dec. 2008
Employer	:	ABB, changed to ALSTOM POWER
Projects	:	<ul style="list-style-type: none"> • Warranty support manager for Kafr Eldawar power plant supply of steam turbine spare parts SKODA TURBINE (Non Alstom equipment). • Supply of Low Pressure turbine Rotor Repair and support Manager for Talkha P.P. (SKODA TURBINE) at Alstom Romania. • Site Survey and Assessments Lead Engineer for the Boilers at these sites: United Arab Industrial Crop, Syria - Misr fine Spinning and Weaving, Egypt - Zarka P.P., Jordan). • Project Manager and Warranty Support Manager for El-Mahmoudiah and Damanhur 13 Generator Repair, 18 months (Alstom France Belfort). • Supply the requested Spare Parts list for the Static Excitation for Zarka Power Plant in JORDAN. • Power Service Plant Database Manager for Egypt. • Construction Project Support Engineer for ARCO STEEL PROJECT INVIROMENTAL PROJECT with ALSTOM Italy. • Project Manager for Abu Qir Unit 3 LTR (LOW TEMPERATURE REHEATER) supply and supervision of erection. • Supervising Cairo North Condenser Manufacturing with (Alstom Heat Exchange France) at IBSF FACTORY and following the Execution of erection in the Site. • Initiate and prepare proposals for Kafr El-Dawar unit No. 4 complete rehabilitation. • Awarded the biggest Rehabilitation project for Kafr El-Dawar unit No. 4 complete rehabilitation. • Initiate and prepare a proposal for Damanhour SH2 Babcock boiler supply and erection activities. • Initiate and prepare proposals for Abu Qir 4 LTS (low Temperature Supper heater) for units 1-4 after doing the units' survey, supply and supervision of erection activities. • Supply of a lot of Spare parts to several Power Plants (valves, pumps, even Noble Spare Parts, Level Glasses, Bearings). • Initiate and prepare proposal for site Survey for Non Alstom Boilers (Cairo West - Sidi Krir - Damanhour - EDF FW boiler). • Supervising Cairo West SH and RH Manufacturing with Alstom Italy at 10th of Ramadan Work Shop and following the execution of erection in the site. • Overhauling EIAMRIA for Spinning and weaving boiler.
Job title	:	Service Engineer / Customer Service Manager Utility Power Plant
Job Description	:	In charge of Utility Power Plant Customer Service Division. Development of Proposals. Responsibility included the erection and commissioning activities and the Organization and the execution of acceptance and Performance tests carried out at the site finalized to the contractual obligation and to technical feedback for new Projects.

Basic Functions:

- Lead and direct the Project Management and Project Development (PMPD) group for Boiler Power Plant Services (BPPS).
- Support departmental, organization and product line goals to successfully develop proposals and execute fleet projects.

Essential Functions:

The essential functions include, but are not limited to the following (may perform other functions):

- Line management of the PMPD group.
- Project Manager and Proposal Developer to achieve on time, within budget, high quality Project Management in support of business targets.
- Manage key Projects.
- Review and Acknowledge Fleet Projects for completeness and correlation to the Proposal.
- Track PMPD project performances. Present proposal and Project Performance monthly.
- Prepare Proposals for Boiler and Steam Turbine (Alstom and Non Alstom) Fleet Projects.
- Participate in Risk reviews as required.
- Supporting Sales and Marketing efforts as necessary.
- Develop trust-based Relationships with key Customer contacts to support long term service Goals.
- Achieve high Customer satisfaction ratings through Customer Service Excellence in the Offer and Execution Phases.
- Develop Goals and Objectives to support Business Strategy.
- Project Manager and Proposal Developer in Developing Commercial and Customer Expertise.
- Support the Alstom Continuous Improvement Process.
- Provide Project Documentation that meets Department and Business Guidelines.
- Provide Strong Business Leadership, Empowerment and team work with all Stake Holding Departments.
- Communicate with Clients, Internal Stakeholders, Lead Centers and Suppliers to support Business Goals.
- Flexible Attitude to support the Demanding Business.

Main Tasks & Responsibilities:

- Manage Major Account, including sales activities, negotiation and sales functions.
- Undertake negotiations with prospective clients on potential products in the development Proposals covering Financial, Technical and Timing Objectives.
- Initiate and prepare proposals and Contract in response to clients, ensuring approval of the proposal with company procedures is obtained before submission of the proposal to the client.
- Review supply contracts, equipment proposals and distributes request for proposal and proposal documents to potential vendors.
- Liaise with client in all of project stages, from development to the completion of final sign off against the agreed targets.
- Ensure and follow up all invoices are submitted to the client and paid in line with the contract.

- Maintain and monitor record and report, maintain shipping, receiving and order fulfillment functions to ensure timely customer services.
- Respond to inquiries and research and resolve customer problems.
- Participate in the development of operating goals and objectives for sales department.
- Prepare annual budget forecasts for nominated customers.

Dates : From Jul. 1997 till Aug. 1999
Employer : Cairo Electricity Production Company
Project : Shoubra El Kheima Power Plant
Job title : Chief Mechanical Maintenance & Boiler Department Lead Engineer
Job Description : Responsible for:

- All maintenance works.
- Preparing all required spare parts.
- Preparing the overhauling schedule, site activities and requirements.
- Execution of all the overhaul site activities and reporting for documentation and backlog.

Dates : From Jul. 1996 till Jul. 1997
Employer : General Electricity Company of Libya
Project : Derna Power Generation & Desalination Plant (Libya)
Job title : Overhauling and Commissioning Manager
Job Description :

- Co-ordination between ABB & Dutch Babcock with GECOL for all the site activities (Boiler, Turbine and BOP).
- During its rehabilitation carried out by ABB and Dutch Babcock (brief interruption in EEA and joined GECOL as overhauling co-ordination).

Dates : From Jun. 1987 till Jul. 1996
Employer : Cairo Electricity Zone
Project : Shoubra El Kheima Power Plant
Job title : Senior Maintenance Engineer
Job Description :

- The organization, preparation of the preventive maintenance program and the execution of same.
- Preparing Spare Parts lists.
- Supervision of all the site activities for units overhauling.
- Preparing all the technical backlog and historical overhauling reports.
- Supervision of 8 Boilers Acid cleaning with an Italian Company.

Dates : From Apr. 1986 till May 1987
Employer : FRANCO-TOSI (Italian Company)
Project : Aqaba Power Station, Jordan (2x130MW)
Job title : Commissioning and Start-up Senior Engineer
Job Description :

- Commissioning and Start-up Senior Engineer in Aqaba Power Station (Jordan) during the start-up phase of two Steam Turbines units 130MW each, Senior Start-up, Commissioning and Operation Engineer till turn over to Jordan Electricity Authority (JEA).

Dates : From Feb. 1983 till Apr. 1986
Employer : Cairo Electricity Zone
Project : Shoubra El Kheima Power Plant (4x315MW)
Job title : Construction and Erection Supervisor
Job Description : Wide experience in the field of high-pressure vessels, piping design codes and related heat exchanger boiler codes of engineering. Specifically familiar with the relevant American ASME/ANSI standards' and having application of one of the European technical codes of practice such as the German DIN, responsible for:

- 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).
- Bearing inspection seal changing and adjusting.
- 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.).

Conducted Training Courses as a Trainer:

- Shoubra El Kheima 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, Operation & Maintenance of Power Plant Boilers.
 - Installation, Operation & Maintenance of Reciprocating Compressors and Pumps.
 - Installation, Operation & Maintenance of Centrifugal Compressors and Pumps.