

Holds a B. Sc. in Mechanical Power Engineering and has about 20 years experience in construction of industrial field power plants and Oil & Gas (on- & off-shore) (total Gulf experience: 10 years). Working in Mechanical Construction at several projects during construction, pre-commissioning, commissioning, operation and maintenance.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 29/01/1981
Gender : Male
Marital Status : Married
Residence : Cairo

EDUCATION

: B. Sc. in Mechanical Power Engineering, Cairo University, 2005

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Certified International Project Management Association (IPMA) (level D).
- : Complete a Project Management System using Microsoft Project (MS Project).
- : Complete 36 hours attendance Project Management Professional (PMP).
- : 56 hours Study International Computer Driving License (ICDL) at IBI (Instructive British Institute) (from Sep. till Nov. 2011).
- : Complete a Project management system using Primavera version 6 at Cairo University (Jan./Feb. 2012).
- : 48 hours Study English course at IBI (Instructive British Institute) (May/Jun. 2008).
- : 24 hours 2D AutoCAD at Cairo University (Oct./Nov. 2011).
- : Complete Fire Fitting Pipe System design, Hydraulic calculations, FireHose, Pump selection and Gas System (from Dec. 2011 till Jan. 2012).

- : Complete Advanced HVAC design chilled Water system for A.H.U, F.C.U, Pipe Lines, Air Ducts, Chillers, Fans, Pumps and load estimation (Nov./Dec. 2011).
- : 15 hours Study liquid penetrates testing method at Egyptian Welding Academy (Aug./Sep. 2009).
- : Organization "Leader ship skills, how to plan", Culture awareness and Quality Control training by Shell Training Center GTL-Qatar (Aug./Sep. 2010).

CHRONOLOGICAL EXPERIENCE RECORD

Dates	: From Apr. 2023 till now
Employer	: Target for Engineering & Construction
Projects	: Abu Dhabi, UAE: • Replacement Slug Cutter in SATAH Plant at ZIRKU Island • Interconnection Fire Network line "IFN" from SARAB to GMW & UZ at ZIRKU Island • Subcontractor to complete installation (NMGL) New Main Gas line at DAS Island
Job title	: Site Manager
Job Description	: • Full time on site and responsible for the day-to-day management of site activities through the Site / Discipline Engineers and necessary coordination with Project Manager and other discipline construction managers. • Reporting to the Project Manager and is responsible for the coordination of all site activities, coordination with and between various subcontractors on sites and ensuring that all necessary resources of manpower and equipment are available on site. • Responsibilities: - Familiar with HSE requirements for construction activities, with focus on SIMOPS operations with Production, permit to Work Systems and relevant prerequisites (activity preparation, Method Statement review and approval, Risk Assessments, construction equipment adequacy, etc....). - Follow up for overall project construction works. - Develop look ahead programs and resource requirements of manpower and equipment and materials. - Ensuring material, equipment and required manpower are requested and are available on site as required and their optimal utilization. - Ensuring site activities are all coordinated to meet program me requirements and that the construction activities are as per the Look Ahead Program and within the Project Schedule. - Ensuring Specifications and Drawings are reviewed, and any unclear issues have been sorted out. - Ensuring necessary method statements, quality and safety documentation are developed and are approved before start of works. Necessary liaison with Quality and Safety Departments. - Ensuring RA / JSA is done in advance of commencement of activities and ensuring all preventive control measures are in place. - Necessary liaison with Quality and Safety Departments, ensuring necessary method statements, quality and safety documentation

- are developed and are approved before the start of work.
- Control and coordinate work with subcontractors on a day-to-day basis.
- Ensuring and coordinating ordering of all approved materials.
- Ensuring all required shop drawings are produced and submitted for approval.
- Interact with Coordinators and ensure all materials are approved, ordered and available on site.
- Implementing and coordinating corrective actions to arrest slippages are being implemented and securing necessary resources for recovery.
- Ensuring all variation items are immediately acknowledged and confirm intentions to claim in co-ordination with the Project Manager.
- Training of staff as per site requirements.
- Contributing to Invoice Preparation to COMPANY / CONTRACTOR including relevant discussions for approval of invoices.
- Ensuring Non-Conformance's if any are closed and taking timely preventive and corrective actions.
- Responsible for Completing of all Punch Items and Project Close Out & Handover Documentation.
- Support Commissioning team till start-up phase.
- HSE Duties:
 - Actively engage the staff by participating in Contractor's HSE meetings, Training, Toolbox talks, and promotional campaign activities.
 - Conduct regular HSE walkthrough and Behavioral Safety Audits to observe work practices and HSE behaviors, and suggest any improvements required.
 - Review HSE performance data for accuracy, completeness and against the KPIs featured in HSE Assurance program.
 - Contractor performance evaluation shall reflect the HSE performance reports and recommendations.
 - Perform HSE inspections of activities. Frequency to be determined by the risks of the tasks.
 - Perform HSE audits of activities according to the scope and schedule.
 - Conduct Bi- Weekly Welfare meeting and frequent welfare audits.
 - Significant HSE risks and control.
 - HSE Leadership visits.
 - HSE objective and targets.
 - Applicable HSE standards, rules, and work procedures.
 - HSE related activities and deliverables.
 - Ensure all the requirements of the HSE Plan (assurance provided by contractor regarding any specific HSE requirement during the bidding stage) are fully completed.

Dates : From Nov. 2021 till Apr. 2023
Employer : SIEMENS Energy Global
Project : Al Rumaila CCPP 730MW, Al Basra – Iraq
 (5 Heat Recovery Steam Generators (HRSG), 2 Cooling Towers, 2 Condensers, 2 STG, 5 GTG & WTP)

Job title : Maintenance Manager

Job Description :

- Lead the maintenance teams for a combined cycle power plant.
- Reporting to the Station manager, the person will manage the maintenance and repair of plant facilities and equipment in the disciplines Mech, Elec. and I&C.
- Responsibilities:
 - Organize and coordinate resources of the maintenance department, prioritize activities to ensure plant maintenance in accordance with the work plans and work orders.
 - Support in establishing and coordinating a safety and health system with relevant training to all staff, guidelines, and procedures.
 - Organize and coordinate required technical training to enhance the professional skills of the maintenance team.
 - Maintain close client contact, provide reports in time and support Station Manager to fulfill client requests and propose improvements of the power plant system design where applicable.
 - Follow internal processes and procedures to achieve the maintenance requirements and monitor their implementation, actively support their continuous improvement.
 - Motivate and encourage team members, provide guidance, and promote staff development, develop a highly capable maintenance team.
 - Plant availability, compliance with maintenance work plan, customer satisfaction, compliance with plant procedures, compliance with local regulations.

Dates : From Jan. 2018 till Nov. 2021

Employer : SIEMENS

Project : New Capital Power Plant Combined Cycle 4800MW
(8 Heat Recovery Steam Generator (HRSG), 4 Air Cooling Condenser (ACC), 4 STG, 8 GTG & WTP)

Job title : Mechanical Lead

Job Description : In charge for Block 2 for HRSG, GTG, STG and BOP.

Dates : From Jan. 2016 till Nov. 2017

Employer : AL TOUKHI Company for Industrial, Trading and Contracting – KSA

Project : Conversion of HAIL-2 Simple Cycle to Combined Cycle POWER PLANT 170MW, has 4 Heat Recovery Steam Generator (HRSG), 1 Air Cooling Condenser (ACC), 1 STG, Pipe Rack & WTP

Job title : Mechanical Lead / Manager

Job Description : In charge for Diverter damper, 4 HRSG, 1 ACC, 1 STG, 1 Pipe Rack, WTP & UG pipes.

Dates : From Mar. 2013 till Jan. 2016

Employer : Bin Laden Electrical and Mechanical Company (BEMCO) – ARABIAN BEMCO Contracting Company Limited, KSA

Job title : Senior Mechanical Engineer

Job Description :

- POWER PLANT 12 (PP12) 1500MW Combined Cycle for 2 Blocks each block has 4 GTG, 4 Heat Recovery Steam Generator (HRSG), 1 Air Cooling Condenser (ACC), 1 STG >>> In charge of 2 units GTG

mechanical and on base piping.

- POWER PLANT 10 (PP10) 1300MW Combined Cycle for 10 Blocks each block has 4 Heat Recovery Steam Generator (HRSG), 1 Air Cooling Condenser (ACC), 1 STG >>> In charge of piping erection and fabrication 2 blocks (A11 & A12) 8 HRSG, 150 Man Power, 40.000 DAI INCH piping large and small bore, 4.000 pipe supports, MTO, BOQ, technical support, coordinator, reporting, man power estimation, insures welding procedures, Test packages preparation, Hydro test, Reinstatement, punch list, man power mobilization and demobilization, insure quality and safety.

Dates : From Mar. 2012 till Feb. 2013
Employer : Arab Contracting Company Limited (ACC) – KSA
Project : (RKPP) Ras Al-Khair Power and Desalination Plant 2400MW Combined Cycle for 6 modules MW supply SEC + 1350MW to MA'Aden Aluminum Complex) & provided in 2 Packages: Power package (P) & The Desalination package (D) by Doosan (DSC)
Job title : Senior Mechanical Engineer at (PMO) Project Management Office

Dates : From Apr. 2010 till Mar. 2012
Employer : VSA Consortium (VEOLIA – SAIPEM – AL JABER) – Qatar
Project : Qatar Petroleum-Shell Pearl GTL "Gas to Liquid" Project, Effluent Treatment Plant area C8 - Ras Laffan Industrial City, Qatar
Job title : Site Mechanical Engineer
Job Description :

- Ensure HSE requirements prior to start erection activity.
- Complete erection of piping in Crystallizer Building area and Effluent Recovery Unit area (ERU), metallic pipes.
- Following progress in area and increasing erection productivity to achieve planned time schedule.
- Indicating the priorities of systems to complete erection according to pre-commissioning dates.
- Closing systems by coordinating Test Packages in areas.
- Lead construction group in area to close punch list, and Q.C notifications according to standard codes and Shell standard.
- Making Re-instatement and closing "B" items in punch list after Hydro-test.
- Following consultant punch items during pre-commissioning till make pipe system under commissioning.
- Coordination on site with other contractors.
- Making general walk down on systems and packaging P&ID, ISO drawings, valve list, line list ...etc.
- Manpower mobilization and demobilization within human resources management requirements.
- Achievements:
 - Working within about 20 nationalities & 60,000 man-powers that improve the communication and coordination skills.
 - 12 million man-hours safely work within an IIF environment.
 - Commissioning permit to start work (PTSW) training from Pearl Leadership Academy.
 - Commissioning phase awareness.
 - Achievement of four QHSE modules from ILM Institute that

represents in Pearl Leadership Academy.

- Recognized and awarded for excellent plan and execution of the project scope within safely environment.

Dates	:	From Aug. 2007 till Apr. 2010
Employer	:	(Kahromika) Misr Company for Mechanical and Electrical Projects – Egypt
Projects	:	• El-Tebbin Thermal Power Plant 2x350MW (steam turbine) • El-Shabab Simple Cycle Gas Turbine Units 8x125MW
Job title	:	Mechanical Site Engineer
Job Description	:	<u>El-Tebbin Thermal Power Plant 2x350MW (steam turbine):</u> • Construction activity: - Fabrication shop activity: ▪ Ensure HSE requirements in fabrication shop. ▪ Responsible of fabrication shop productivities for unit 1 during fabrication phase "non-critical pipes" according to ASME Code B31.1 power piping. ▪ Following and recording inspection steps during fabrication "fit up inspection, Welding inspection, sand blasting and painting inspection". ▪ Make sure arrangement of fab. shop lay down areas and make sure name plates for each spool. ▪ Sharing with technical office in making cutting map. ▪ Following schedule and indicating priorities in fab. shop according to site require. ▪ Insure work according to WPS special for alloy steel "pre-heating and post weld Heat treatment procedure". ▪ Made an overall plan for all pipe lines to make planning and scheduling and following progress on it. ▪ Worked with many types of piping materials "Carbon St., St. Steel, Alloy steel and Galvanized carbon St. Lines". - Pump Installation: Leveling, axis, pre-alignment and final alignment for most pumps included in Power Plant as "Feed Water, Closed Cooling Water, Service Water Pumps"...etc. • Pre-commissioning activity: - Ensure HSE requirements prior to start pre-commissioning activity. - Making record for hydro-test activities as Fire Protection, Fuel Solar, Fuel Mazout systems, etc. - Making the final walk-down on the test packages according to ISO drawings and P&ID before inspection from QC to get the test package release for Test "RFT". - Following test packages and preparing loops for hydro-test. - Make pneumatic test for gas line and purging with Nitrogen gas, and ensure safety precautions during process. - Sharing in commissioning of the power plant by making necessary flushing for piping network "closed cooling water system, pipe lines, instrument air system, N2 purging line, service lines, and main intake line". - Making necessary re-instatement work after hydro-test and pneumatic test. - Support Commissioning team till start-up phase. <u>El-Shabab Simple Cycle Gas Turbine Units 8x125MW:</u> • In charge of one unit of Gas Turbine.

- Ensure HSE requirements prior to start erection activity.
- Install and pre-alignment and final alignment for GTG and auxiliary units.
- Install steel structure enclosure and walkway for GTG and utilities skids and pumps, make levelling and axis and make pre-alignment and final alignment for them as (gas module skid, water injection module skid, cooling water pump, etc.).

Dates : From Sep. 2005 till Jul. 2007
Employer : ADVANSYS – ADES (Advanced Energy System)
Project : Maintenance and upgrade for off-Shore rigs and purges, Red Sea – Egypt
Job title : Site & Planning Engineer