

Holds a B. Sc. in Mechanical Power Engineering and has about 13 years experience in Project Management, Waste Water Treatment, Water Desalination, Water Transmission, Pumping Stations, Pipelines, Steel Fabrication, Pressure Vessel, Tanks, Heat Exchanger, Evaporation, Steel Structure, Erection, Welding Process, Pumps, Valves, Infrastructure & Installation.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : Currently KSA

EDUCATION

: B. Sc. in Mechanical Power Engineering, Zagazig University, 2009

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: Solid Works

TRAINING COURSES AND CERTIFICATIONS

: PMP (Mar. 2022).
: PMI – RMP (Mar. 2022).
: Introduction to Welding Processes, CWBI (May 2020).
: NDT II, GAC (UT, MT, RT, VT, PT) (Aug. 2018).
: Factory Engineer, SIIC (Nov. 2013).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Apr. 2021 till now
Employer : Suido Kiko Middle East, Saudi Arabia
Projects :

- Primly Handing over for Al Shaaf 25000 CM, MBR WWTP Project of Study & Design of Tertiary Treatment Plant for Sewage - ALSHAAF-ASEER Region

- Primly Handing over for MAKHUWAT City 12,500 CM Sewage Treatment Plant
 - Final Handing over Process for Compacted Projects Al-Baha Region
 - Final Handing over Process for Project Sewage Network, Pump Station, and STP Plant 5000 CM, in Al-Wadeeah – Sharurah - Najran
- Job title** : Project Manager
- Job Description** :
- Project Planning: Developing project plans and also defining its scope, goals and deliverable.
 - Coordination: Coordinating with project staff, subcontractors and providing support and guidance to project team members.
 - Project Scheduling: Planning project timelines and constantly monitoring its Progress.
 - Stakeholders Management: Collecting information regarding project stakeholders and their requirements and targets.
 - Communication: Communicating projects with stakeholders, providing them project updates and building close relationship with them.
 - Quality Assurance: Controlling that all site operations are in accordance to QA procedures, statutory, regulatory and EHS requirement.
 - Formulation of Bid: Investigating client requirements and its technical feasibility and converting it into bid.
 - Contract Management: Overseeing incoming order cost and confirming inclusion of all planning elements such as system structure and work breakdown structure in the bid phase.
 - Risk Assessment: Examining risk and mitigating risk involved in the project.
 - Change Management: Analyzing overall project life-cycle and incorporating changes into contracts after negotiation with stakeholders.
 - Non-conformance Cost Identification: Recognizing and minimizing non-conformance costs.
 - Claims Assessment: Identifying claims with team, analyzing contracts in terms of claim relevant significance, and confirming its inspection by legal experts.
 - Claims Mitigation: Devising strategies to mitigate claims with the help of contract department and also informing clients, management and project team about scope deviations.
 - Leadership: Heading, motivating and training team members to complete project within budget and time limits and also assuring quality standards.
 - Cost Control: Controlling cost of the project with the help of cost controllers by devising and executing controlling measures.
 - Project Reviews: Assuring project reviews from client is taken on monthly basis according to contract.
 - Management of project life cycle, detailed engineering, procurement, construction until handing over.
 - Project testing, site supervision and commissioning procedures, plans and standard codes, FAT, SAT, Final commissioning and handing over documentation.
 - Management of Infrastructure waterworks including Pumping stations, Reservoirs, Sewers, pipelines and force mains.
 - Management of Water and Wastewater Treatment Plants, MBR, MBBR, UF/RO, ZLD, Sewage Treatment Plants, Potable water treatment plants and Industrial WWTP.

- Demonstrated project management skills including delivering projects successfully, on time and on budget.
- Proven experience in project management and process review /selection for water and wastewater treatment.
- Effectively understand and communicate project expectations to project team and client.
- Maintained and oversaw projects per contract specifications.
- Supervised all installation, maintenance and repair work.
- Provide technical assistance to clients.
- Documented all daily activities and prepared work schedules.
- Demonstrated ability to work with clients to provide long-term solutions and maintain/develop strong client relationships.
- Communicates project tasks between offices – high level of coordination and communication skills required.
- Find out clients and set up meeting with my team for effective results.
- Visit industries to discuss technically and collect data for plant design.
- Make comparisons with different technologies.
- Organize conference calls with clients.
- Arrange local vender.

Dates	:	From Jul. 2016 till Oct. 2021
Employer	:	Suido Kiko Middle East, Saudi Arabia
Job title	:	Senior Mechanical Engineer
Job Description	:	<ul style="list-style-type: none"> • Prepare Mechanical Action Plans and Review Schedule of Works. • Allocate Resources Needed (Manpower, Tools, Sub-contractors etc.). • Review Budget of Mechanical Activities and Compare Against Actual Expenditures. • Follow up with Engineering and Review Drawing. • Follow Up with Procurement, and Review Quotations. • Follow up with Workshop and Fabrication Stage of Project Components. • Prepare Inspection requests for Mechanical Items Works and Submit to Consultant. • Installation of Project Mechanical Equipment's as follows: <ul style="list-style-type: none"> - Penstocks, Coarse Screen Unit, Fine Screen Unit, Grit and Grease Removal Unit, Sand Classifier Unit. - API, CPI, C&F and DAF tanks. - Clarifier Unit. - Submersible Pumps, Centrifugal Pumps, Chemical Dosing and Transfer Pumps. - Water Hammer System. - Blowers. - Sludge Dewatering System. - GLS, GRP, CS Tanks. - Pipelines (SS, CS, GRP, HDPE, DI, UPVC.....). - Valves (Gate, Ball, Butterfly, Check, Air Release, Pressure Release, Pneumatic, ...). - Diffusers. - Filtration system. - Odor Control Systems. - Pipe racks & Supports.

- Lot of Membrane Bioreactor Sets.
- Reverse Osmosis System.
- Fire Pumps with complete System.

Dates : From Nov. 2009 till Jun. 2016

Employer : Egyptian Sugar and Integrated Industries Company (Equipment Factory), Egypt

Job title : Fabrication, Erection & Welding Engineer

Job Description :

- Study fabrication drawing and prepare bill of material according to fabrication drawing.
- Familiar with standard codes (ASME, EN, AWS,).
- Steel Fabrication as Pressure Vessel, Tanks, Heat Exchangers, Condensers, Evaporators, Pipe lines.
- Steel Structure Construction.
- Distribute man power and prepare work schedule for jobs.
- Supervise and monitor all fabrication process.
- Familiar with all kind of welding Process (Manual/Semi-Automatic /Automatic).
- Familiar with Electrodes code.
- Inspect all welding and repair it in case of Defects according to fabrication limits and allowances.
- Installation of Tanks, Vessel Pressure, Heat Exchangers, Condensers, Evaporators, Pipe lines, Steel Structure.

Projects:

- Waste Water Treatment (EPCI) - Senior Mechanical Engineer (from Feb. 2021 till now) - Beesh-STP & Pumping Station 16000 CM.
- Waste Water Treatment (EPCI) - Senior Mechanical Engineer (from Jul. 2020 till now) - MAKHUWAT City 12,500 CM Sewage Treatment Plant.
- Waste Water Treatment (EPCI) - Senior Mechanical Engineer (Jan. 2018 – Jun. 2020) - ME13016 Al Shaaf 25000 CM, MBR WWTP Project of Study & Design of Tertiary Treatment Plant for Sewage – ALSHAAF - ASEER Region.
- Waste Water Treatment (EPCI) - Mechanical Engineer (Apr. 2017 – Jan. 2018) - Project Sewage Network, Pump Station, and STP Plant 5000 CM, in Al-Wadeeah – Sharurah - Najran.
- Water Treatment & RO (EPCI) – Mechanical Engineer (Jul. 2016 – Apr. 2017) - Project Waste Water Treatment Plant 5000 CM, in DAMMAM Industrial City.
- Industrial field - Fabrication, Erection & Welding Engineer (May 2014 – Dec. 2015) - Supervise the manufacture and installation of the Alvenas project Abokerkas.
- Industrial field - Fabrication, Erection & Welding Engineer (Feb. 2013 – Apr. 2014) - Supervise the manufacturing and installation of the End of Kom Ombo factories.
- Industrial field - Fabrication, Erection & Welding Engineer (Feb. 2012 – Jan. 2013) - Supervise the manufacture expanded of EdFU Factories.
- Industrial field - Fabrication, Erection & Welding Engineer (Jan. 2011 – Jan. 2012) - Supervise the manufacturing and installation of expanded Dakahliya.

- Industrial field - Fabrication, Erection & Welding Engineer (Nov. 2009 – Dec. 2010) - Supervise the manufacturing of expanded Nile Sugar.