

100590-MEC-59CDES-E-2014
Project Leader / Senior Mechanical Engineer

Holds a B. Sc. in Mechanical Production & Design Engineering and has over 9 years' experience working in construction, design, technical office, commissioning and project management.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 23/01/1992
Gender : Male
Marital Status : Married
Residence : Helwan, Cairo

EDUCATION

: B. Sc. in Mechanical Production & Design Engineering, Helwan University, 2014

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: Solid Works
: CET Designer
: SAP
: MS Project

TRAINING COURSES AND CERTIFICATIONS

: PMP
: Revit MEP
: AutoCAD 2D
: 3D printing.
: Solid Works
: Trainings at Khalda Petroleum Service:

- El-Salam field (Sep. 2012 and Sep. 2013).
- Tarek field (Sep. 2011).

: Trainings at Rasheed Petroleum Services, Rosatta and Brolos fields (Jul. 2012 and Aug. 2013).

: Training at Petrobel Petroleum Services, Abo Rdeas field (Aug. 2012).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jan. 2021 till now
- Employer** : Advansys, Cairo - EGY Office
(Working on providing automated warehouses through Dematic Corp.)
- Projects** :
 - Amazon YEG2 – Canada
 - Amazon SK6, CA – USA
 - Amazon CLT4, NC – USA
 - Walmart CLT, PHX – USA
 - Five below, NY – USA
 - TJ max, PA – USA
 - Walgreens, TN – USA
 - Frito Lay Perry, GA – USA
- Job title** : Project Leader / Senior Mechanical Engineer
- Job Description** :
 - Lead a team of Mechanical Engineers for project delivery respecting quality, time and budget.
 - Communicate with global customers in different locations (USA and Canada).
 - Communicate across local and global teams of mechanical engineers and customers.
 - Communicate with delivery manager to achieve the department's target.
 - Coordinate project across senior peers' teams and assign tasks for junior engineers.
 - Receive, understand and analyze the task requirements per customer standards and customer needs.
 - Interact daily with international customers.
 - Contribute to identifications of the needs in term of (resources and equipment).
 - Deliver and support team members and challenge their project decisions.
 - Monitor and control project schedules, budget and risks.
 - Follow up with other leaders and/or mentors to meet customer needs.
 - Follow up on all project aspects as define in the project charter.
 - Apply mechanical design concepts according to customer standards and requirements.
 - Review the work quality of the team members before customer delivery.
 - Write technical reports and documentations.
 - Participate in commissioning for complete Mechanical Systems.
 - Participate in interviewing potential candidates.
 - Project Management:
 - Assign tasks to team members.
 - Create Project Schedule.
 - Follow up the progress of each task and prepare variance report
 - Forecast the required Travel Budget.
 - Provide technical support to team members (Technically & Business).
 - People Management:
 - Prepare Training Plans with Operations Manager for the team.

- Set SMART objectives in line with Organization objectives.
- Empower the team to make decisions.
- Manage the conflict between team members if happened without effecting the project.
- Remove road blockers that impede work progress.

Dates : From Jun. 2017 till Jan. 2021

Employer : Advansys – USA
(Working on providing automated warehouses through Dematic Corp.)

Projects :

- Amazon CLT4, Charlotte, NC, USA
- Amazon PHX3, Phoenix, AZ, USA
- Amazon GRR2, GR – USA
- Ascena, OH – USA

Job title : Project Engineer

Job Description :

- Preparing, scheduling, coordinating and monitoring of assigned engineering projects using different tools as MS Project.
- Prepare 2D technical and installation layouts for different systems.
- Developing specifications for the project's needed equipment.
- Formulating project parameters and assigning responsibilities to the most capable resources and monitoring the project team.
- Cooperating and communicating with the project manager and other project participants and collaborating with senior engineers, foreman and installers to create more efficient project methods and to maintain the project's profitability.
- Creating frameworks to measure the project's metrics and data collection.
- Reviewing the engineering tasks and initiating the necessary corrective actions.
- Interacting with clients, interpreting their needs and requirements.
- Ensuring the project's compliance with the applicable codes, practices, policies, performance standards, and specifications.
- Establishing field test methods and methods for monitoring the quality of those tests.
- Ensuring the safe testing and commissioning of completed installations.

Dates : From Nov. 2015 till Jan. 2017

Employer : Advansys, Cairo - EGY Office & Milwaukee, WI – USA
(Working on providing automated warehouses through Dematic Corp.)

Projects :

- Amazon BLD3, North Haven – USA
- Amazon STL8, Sant Louis – USA
- Amazon FAT1, Fresno Yosemite – USA
- Crocs, Grand Rapids – USA
- CVs, Tucson – USA

Job title : Mechanical Design Engineer

Job Description :

- Receive, understand and analyze the task requirements per customer standards and customer needs.
- Provide effective communication to internal & external customers to ensure tasks/projects delivery within the time frame and with highest quality.
- Designing mechanical system installation drawings.

- Designing mechanical system air design drawings.
- Creating accurate Mechanical Bill of Material for the projects.
- Budget tracking for planning and forecasting using SAP.
- Completing the design of complex systems that integrate hardware and software.
- Participate in preparing training materials – presentations – induction sessions.
- Review the work quality of the team members before customer delivery.
- Write technical reports and documentations.

Dates : From Nov. 2014 till Nov. 2015

Employer : Tawfik and Associates Consultant Office, Cairo
(Working on providing Consultation on Environmental services for various industries)

Project : Crystal Lagoon, Sharm El-Sheikh

Job title : Project Engineer

Job Description :

- Administer all complex problems and design effective resolutions for same and coordinate with customer management for same
- Evaluate all design for subsystem components and monitor all vendor visits
- Evaluate various tests for all engineering processes in coordination with all developer contractors and present various presentations for project
- Participate in various design review meetings with engineering department
- Manage all fiscal and technological processes within required time frame
- Maintain knowledge on all require technologies and assist in advanced research
- Identifying potential problems and notifying the relevant stakeholders in a timely manner.
- Performing quality control on project, writing reports, and making recommendations for improvement.

Dates : From Feb. 2014 till Jun. 2014

Employer : Smart Power Company (part time)

Job title : Tender Manager Assistant

Job Description : Creating and submitting Bill of Quantities.

Field of experience :

- Project Lead Engineer with 9 years of experience. Leading a team of Mechanical Engineers for project delivery respecting (Quality, Time and Budget) in Automated warehouses - Material Handling Equipment, Preparing PMP certification, Project Management, leading projects and communicating across local and global engineering teams for project delivery in USA and Canada starting off approval drawings passing through engineering design, Creating Bill of Material, Installation supervision and onsite commissioning all the way to project turnover and go live support dealing with different customer standards.
- Area of Expertise:
 - Mechanical System Design.
 - Project Management.
 - People Management.

- Material Handling Equipment (Automated Warehouses).
- Creating and Checking Bill of Material (BOM).
- 2D and 3D Modelling of different systems.