

106903-MEC-16DEHO-E-2018
Mechanical Operation / Production Engineer

Holds a B. Sc. in Mechanical Power Engineering and has over 4 years hands-on experience working in technical office and operation.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 20/08/1995
Gender : Male
Marital Status : Single
Residence : 10th of Ramadan City

EDUCATION

: B. Sc. in Mechanical Power Engineering, Kafr El-Sheikh University, 2018

LANGUAGES

Arabic : Native Language
English : Very Good
Russian : Basics

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Sketch up 3D
: AutoCAD 2D
: HAP
: Elite Fire Fighting 6

TRAINING COURSES AND CERTIFICATIONS

- : Total Quality Management & Lean Six Sigma, Brooklyn Academy, Cairo (Mar. 2019) - Modules of Master of Business Administration (MBA):
 - General Modules:
 - Quality Principle.
 - Quality Documentation.
 - Quality Management System.
 - Quality Audit.
 - Quality Tools.
 - Quality Cost.
 - Quality Planning.
 - Lean Six Sigma:

- Introduction to Six Sigma.
- Introduction to Lean.
- Project Management (Planning).
- Define:
 - Project Charter.
 - Process Mapping.
 - SIPOC.
 - Voice of Customer (VOC).
- : THE ARAB CONTRACTORS (Osman Ahmed Osman & Co.) (Aug. 2017) - Medical Hospital Al-Azhar: HVAC - Fire FIGHTING - Plumbing.
- : Delta Sugar Company (Jul. 2015): Operation Equipment and Maintenance Management of production line.
- : National Railways Authority of Egypt (Aug. 2016): Supervising maintenance operations.
- : Helwan Company for machinery and equipment (Military 999 Factory) (Aug. 2016): Training on equipment and machines.
- : Textile factory in Kafr El-Sheikh (Jul. 2015): Training and control of production and manufacturing steps.
- : Solar energy (PV OFF-GRID ENGINEER), RENAC-OASIS Solar Academy Egypt (ROSA), Cairo: Convered Solar radiation, PV Components Site analysis, Sizing, Design and installation of off-grid PV systems and practical exercises (Aug. 2016).
- : HVAC Design Certified, Engineer's House, Cairo (Oct. 2017): Learning about designing air conditioning systems, estimating loads manual and using HAP software, Designing ducts and pipes. Selection of chillers, pumps, AHUS and FCUs.
- : Fire Fighting Design Certified, Engineer's House, Cairo (Aug. 2017):
 - Design and select sprinklers system and select pumps using NFPA 13 & NFPA 20 codes.
 - Making the fully detailed shop drawing by using AutoCAD 2D and suitable cad lisps.
 - Design the riser, stand pipe and select the suitable ZCV.
 - Making the hydraulic calculation by using Elite firefighting 6.
- : Plumbing Design Certified, Engineer's House, Cairo (Sep. 2017).
- : Autodesk Revit Essential Training Certified, Engineer's House, Cairo (Aug. 2017).
- : Online courses:
 - Entrepreneurship Secret - how to start successful business, Udemy (Mar. 2018).
 - Risk Assessment and Management, Udemy (Mar. 2018).
 - From Idea to Company: Introduction to Entrepreneurship (AUC - Edrak).
 - Six Steps to Success, University of Lebanon - Edrak.
 - The Power of Memory, Self Confidence and Strategic planning, El Hady Foundation for Human Development.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Sep. 2019 till now
Employer : ELSEWEDY ELECTRIC - ELASTIMOLD EGYPT
Job title : Mechanical Operation / Production Engineer

Job Description :

- Revise material certificate to make control.
- Revise production rate & defects for day before.
- Revise SOP for product and machine (make sure SOP paper on machine & Worker follow instructions).
- Revise Safety for Worker (make sure safety paper on machine and signed by worker and supervisor).
- Revise quality for product (make sure quality paper on machine and signed by quality and supervisor & the mold not change).
- Revise operation condition for product (make sure the paper on machine and signed by engineer and supervisor & no change).
- Control any problem to workers and supervisor in shifts.
- Review processing schedules and production orders to make decisions concerning production inventory requirements, staffing requirements, work procedures, and duty assignments.
- Develop and implement production tracking and quality control systems, analyzing production, quality control, maintenance, and other operational reports, to detect production problems.

Dates : From Oct. 2018 till Aug. 2019
Employer : SAFECO EGYPT GROUP COMPANY (M.E.P WORK)
Job title : Technical Office Engineer (Fire Protection Engineer)
Job Description :

- Design and Preparing shop drawing.
- Preparing project Bill of Quantity (B.O.Q).
- Preparation the hydraulic calculations.
- Preparing Financial and technical offer.
- Preparing submittals according to project specs.

Dates : From Jul. 2018 till Oct. 2018
Employer : NANO TECH INTERNATIONAL FOR SOLAR ENERGY
Job title : Technical Office Engineer (SOLAR Engineer)
Job Description :

- Make a site survey.
- Preparing Design by Sketch up 3D.
- Preparing project Bill of Quantity (B.O.Q).
- Monitoring project execution and coordination among workers.