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Objective

Seeking a challenging position in your reputable company as a **Mechanical Power Engineer** where my skills and knowledge can be utilized and developed and can add value to the company that I work for.

Education

- ✓ 2011-2016 B.Sc in **Mechanical Power Engineering**, Ain Shams University. Overall Grade: **Good**.
Graduation Project Grade: **Excellent**.
Project: ORC Rankine Cycle

Certifications

- Qualification Certification NDT level II For Visual testing
- Qualification Certification NDT level II For Magnetic Particles testing
- Qualification Certification NDT level II For Liquid Penetrant testing
- Qualification Certification NDT level II For Ultrasonic testing
- Qualification Certification NDT level II For Radiographic testing

Courses

- SOLIDWORKS Essentials for Parts and Assemblies Course
- SOLIDWORKS Advanced Parts Course
- SOLIDWORKS Weldments Course
- Fire Fighting Design Course
- Plumbing Design Course
- HVAC Design Course

Working Experience

- **Employer** : Sponsor Construction Industries (ASCOM Factory Project)
- **Position** : Site Mechanical Engineer
- **Time Period** : Dec 2021 – Till Now
- **Description** :
 - **Responsible** for preparing shop drawing for all manufacturing parts of approved design using solid works and determining its specifications.
 - **Responsible** for implementations and monitoring of all mechanical related works at site as per approved drawings and methods and safety rules.
 - **Interprets** construction drawings and studies the contract documents and applicable standards or specifications prior to execution of any jobs.
 - **Plans** the execution of all Mechanical related works and coordinates the works to electrical and civil groups.
 - **Responsible** for all equipment installation and all piping work for the project
 - **Submits** site daily reports, inspection requests, estimates and all applicable monitoring reports on a regular basis or as required.

- **Employer** : Orascom Construction (Project Network Nodes 1)
- **Position** : (Technical Office Engineer)
(Site Mechanical Engineer)
HVAC - Fire Fighting - Plumbing



- **Time Period** : Nov 2020 – Dec 2021

- **Description:**

Technical Office Engineer

- **Perform** design review for awarded project and confirm all related calculations like load, static pressure drops, pipe sizing, and duct sizing calculation.
- **Prepare** technical submittal.
- **Update** the shop drawing log before sending the shop drawing to consultant for approvals.
- Revising designs, BOQ and specifications.
- **Study and prepare** requests for information (RFIs) for all missing, unclear, conflicting or other technical matters that may arise during construction.
- **Prepare** as-built drawings at the end of the project and hand over to the project consultant.

Site Mechanical Engineer

- **Interprets** construction drawings and studies the contract documents and applicable standards or specifications prior to execution of any jobs.
- **Supervise** sub-contractors team performance, guide and report any problems to Site Manager in order to take necessary actions.
- **Estimates** prepare and assign resources such as manpower, materials, consumables, equipment, tools, etc., required for all Mechanical and related works prior to execution.
- **Prepare** daily status report to present zone performance and obstacles need to solve.
- **Prepare** as-built drawings at the end of the project and hand over to the project consultant
- **Coordinate** with other trades to push the work progress & solve any related problems.

- **Employer** : Ceramica Verdi
- **Position** : Mechanical Maintenance Engineer (Hydraulic Press)
- **Time Period** : Dec 2019 – Oct 2020
- **Description** :



- **Performing** Maintenance for hydraulic press and making the routine repairs for hydraulic circuit.
- **Responsible** for the operation of the press, dealing with its alarms and checking its performance.
- **Monitors** all equipment's on production line, makes necessary adjustments and/or repairs to maintain smooth running of production line.

- **Employer** : Air Defense Forces
- **Position** : Reserve Officer
- **Time Period** : May 2017 – Oct 2019
- **Description** : **3 year experience in**



Applying the maintenance for the diesel generators in the unit.

Applying the maintenance for the heavy equipment in the unit

Skills

Software skills

- ✓ AutoCAD
- ✓ Solid works
- ✓ HAP (hourly analysis program)
- ✓ Fire Elite
- ✓ Microsoft office applications

Personal skills

- ✓ Communicative skills.
- ✓ Ability to work individually as a cooperative team member.
- ✓ Have a high motivation to be a successful person.
- ✓ Work in collaboration with the production team to formulate the best cost effective manufacturing process.

Language Proficiency

- ✓ Arabic "Native"
- ✓ English "Very good"

Personal Information

- ✓ Gender: Male
- ✓ Nationality: Egyptian
- ✓ Date of Birth: November 12, 1993
- ✓ Marital Status: Single
- ✓ Military Service Status: Completed as an officer

References furnished upon request.