

Philip Maxsemos, Chief Engineer

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SUMMARY

Dynamic Technical Office Chief Engineer with over 12 years of experience in MEP and infrastructure projects. Expertise in managing shop drawings, quantity surveying, and technical specifications, bolstered by a Ph.D. in Mechanical Power Engineering. Successfully led teams in high-stakes environments, improving project efficiency and quality. Committed to delivering innovative solutions that meet complex engineering challenges, enhancing overall operational excellence.

Current WORK EXPERIENCE

- 06/2025 – Present



Team leader, Technical Office, MEP Tripoli, Libya

Oversaw all technical office functions pertaining to infrastructure, including the trade of Storm Networks, Street Lighting, Festival Lighting, Power Distribution and Telecommunications; responsibilities involved generating shop drawings, preparing material submittals, conducting quantity surveying, and ensuring effective coordination with other disciplines.

Previous Experience



From	To	Position	Company	Project Name	location	scope
Jun-22	Jan-25	Team Leader Mechanical Engineer (MEP)	ORSACOM CONSTRUCTION & HYUNDAI Rotem	Modernization of Railway Signaling System on Luxor/ Nagh Hammady	Luxor CITY	Site &Material &Technical office
Dec-21	Jun-22	Senior Technical Office Engineer	ORSACOM CONSTRUCTION	600 ACRES AREANEW ALAMEIN CITY INFRASTRUCTURAL	NEW ALAMEIN CITY	Technical office
Mar-21	Dec-21	Senior Technical Office Engineer	ORACOM CONSTRUCTION	EMAAR MISR Marassi – Sidi Abdel Rahman Project H3 Vida Marina Hotel & Yacht Club Package	NEW ALAMEIN CITY	Technical office
Oct-19	Jun-22	Senior Technical Office Engineer	ORSACOM CONSTRUCTION	ALMASA TOWERS NEW AIAMEN	NEW ALAMEIN CITY	Technical office
Sep-18	Oct-19	Technical Office Engineer	ORSACOM CONSTRUCTION	6000B ALMASA Hotel NEW AIAMEN	NEW ALAMEIN CITY	Technical office
Jul-18	Sep-18	Site Engineer (MEP)	PETCO For Contracting	Installation for three building in Mattaria Hospital in Cairo	Cairo	Site
Aug-17	Jul-18	Engineer (MEP)	PETCO For Contracting	Reparation for Taxes Department offices in Cairo	Cairo	Technical office & Site
Feb-17	Aug-17	Technical Office Engineer	PETCO For Contracting	Installation for Theatre In Cairo (MISER THEATRE)	Cairo	Technical office
Mar-16	Feb.- 2017	Site Engineer	PETCO For Contracting	Operation of water feed net and firefighting net for Cairo university	Cairo	Site

Mar-15	Mar-16	Maintenance Engineer	Egyptian Armed Forces	Maintenance and Installation of Solar Energy (PV system) and Diesel generator	Red sea	Maintenance
Jun-12	Sep-15	Maintenance Engineer	Wadi Degla Company, Blumar	Plumbing, Maintenance of pools and water booster supply	North Coast	Maintenance

Professional Capabilities

- Directed mechanical system designs, approved materials, and shop drawings using CAD & Revit software
- Coordinated MEP works with structural and architectural teams to ensure seamless integration.
- Supervised installation of HVAC, firefighting, plumbing, and electrical systems
- Prepared workshop drawings, quantity surveys, RFIs, RFPs, and material submittals for MEP projects.
- Provided technical support, calculations, and BOQ revisions for mechanical works
- Conducted material submittals and ensured compliance with project standards and regulation
- Managed execution and technical office of infrastructure works including water supply, drainage, stormwater in roadworks.
- Provided leadership, guidance, and motivation to team, fostering collaboration and resolving technical challenges effectively
- Monitored site progress, resolved technical issues, and liaised with consultants and authorities for approvals

Education

- 01/2023 – Present
Ph.D. Engineering, Mechanical Power Engineering, South Vally University
- 2016 – 2021
M.SC. Engineering, Mechanical Power Engineering, El-Mataria, Helwan University
- 2009 – 2014
B. SC. Engineering, Mechanical Power Engineering, Faculty of Engineering

Professional Certifications & License

- 2023
Project Management Professional (PMP certified) from Project Management Institute PMI

Skills & software

Microsoft Office	MadgeTech software	Flow Pipe Wizard	problem-solving
Prezi presentation	AutoCAD 2D	Flow simulation Solid Works	Revit
Internet user	HVAC HAP	Ability to work in a team environment	Project Leadership
sketch building Drawing	Elite Fire Fitting	Leadership skills	Strategic Planning
TQ soft	TRNSYS System Simulation	Drawing talent	Team Management & Mentoring
X change	ANSYS fluent CFD	Creative thinking	Quality & Safety Oversight