

Arz Tawk

Beirut, Lebanon

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Lebanese | Feb 4, 1984

LinkedIn Profile: www.xxxxxx.com/xxxx

Highly Skilled PMV Engineer with 11+ Years of Experience

Maintenance Skills
Quality Assurance
Construction Equipment

Personnel Management
Cost Estimation
Plant Machinery

Degrees:	BE, Mechanical Engineering , NDU (2010)
Languages:	English, Arabic and French
Technologies:	C++, AutoCAD, Solidworks, Ansys, MS Office, Caterpillar Service Information System (SIS, CAT), Product Support Information System (PROSIS, Volvo), Mercedes Benz EPC
Industries:	Construction and Contracting

EXPERIENCE

PMV Engineer (Plant, Machinery & Vehicles), Dangote, Nigeria **May 2018 – Mar 2021**

Project: Subcontractor for the biggest refinery in the world with a budget of \$320M

- Managed a team of 80 technicians, mechanics and electricians to handle the maintenance of heavy duty machines such as concrete mixers and pavers.
- Inspected all equipment for functionality and smooth flow of operations.
- Ensured quality of material used in construction and coordinated with procurement to track material requisition.
- Worked with and alongside maintenance technicians to troubleshoot and perform the hands-on unscheduled repair of machinery while simultaneously developing ideas for long-term solutions.
- Performed studies on equipment failures and present solution(s) to management.

PMV Engineer, ZEROCK, Cameroon

Mar 2017 – Apr 2018

Project: Layering for 35Km, Residential Building

- Responsible for repairing, troubleshooting and maintaining of 80 heavy duty construction machines(CAT, Volvo, JCB, Miller) including Articulated Dumper Truck, Excavator, Grader, Vibrating Roller, Wheel Loader, Backhoe loader, Dozer, Mobile Crane, Skid Steer Loader, Trucks (Diesel Tanker , Water Tanker , Tippers (Actros) , Selfloader, Lowbed, Flatbed, Bitumen Spreader, Transmit Concrete Mixer), Steel Roller, Pneumatic Roller, Air Compressor, Welding Machine, Generators, light Duty, Asphalt Paver, Scraper, Dumper.
 - Managed preventive and corrective maintenance for following machines with maintenance planning, material planning, manpower, and tools planning.
 - Provided investigative and problem-solving services as well as technical support to the operation, in the areas of mechanical engineering, maintenance, and plant operation
- Quantifiable Accomplishment

Plant Engineer, ZEROCK, Republic of Congo

Feb 2015 – Feb 2017

- Managed the maintenance of plant facilities and equipment to increase efficiency and promote a safe work environment including heavy equipment and light vehicles (TM's, Tailors, Cement baulkers, shovels, Tower Crane) and concrete pumps and related equipment (Mobile & stationary pumps, placing booms)
- Performed cost estimating and cost justification, refined manufacturing processes, capital equipment acquisitions, recommended tooling for plant engineering, managed maintenance and safety.
- Monitored the dismantling and assembly Tower Crane for high-rise buildings.

Operation and Maintenance Engineer, ENERCO, Nigeria

Feb 2013 – Jan 2015

- Ensured the availability of parts, and purchased components for short and long-term repair, providing the most reasonable and efficient solution to reduce downtime of heavy machinery.
- Managed the maintenance personnel and activities to ensure 24-hour coverage and improve asset reliability through the elimination of repetitive failures.
- Scheduled routine checks on machinery and parts as well as oiling and cleaning machinery.

Design, Estimation Engineer, Algeco, Lebanon

May 2010 – Oct 2012

- Participated in the bid and cost-plus work, engineering field supervision, engineering estimates, construction (bid) estimates, and construction coordination on industrial projects.
- Worked closely with structural engineers successfully identifying areas that would benefit from value-added engineered solutions to minimize project cost and financial risk involved in the process.
- Focused on the Design, Estimation, Manufacturing, Installation of Aluminum Frame & Frameless
- Supervised Aluminium Works (Doors, windows, Composite Cladding works, Curtain wall, Partitions, Skylight, Aluminum balustrade, Rolling shutter, and Louvers) as well as Frameless Works (Spider, Frameless entrance, Glass balustrade, Glass canopy)

EDUCATION

Bachelor of Engineering, Mechanical Engineering,
Notre Dame University, Lebanon

(2010)

ADDITIONAL EXPERIENCE

➤ **Associations**

Student Member, American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)

Student Member, American Society of Mechanical Engineers (ASME)