

MERON LEGESE

Dynamic Mechanical Engineer with hands-on experience in project coordination, equipment maintenance, and technical solutions across industrial, automotive, and workshop fit-out projects. At METQA in Doha, I've worked on major projects like NNBP, QAF, MME and NCP handling inspections, testing, commissioning, and technical documentation while improving collaboration and quality. I have both delivered and received technical training with global manufacturers and suppliers and proudly represented MILIPOL at DIMDEX 2024. Formerly an Automotive Instructor and Garage Supervisor, I bring practical leadership experience overseeing vehicle maintenance, preventive and predictive maintenance programs, and team supervision in automotive workshops. I'm passionate about delivering high-quality results and driving engineering performance.



PERSONAL

- Name**
MERON LEGESE
- Address**
Doha, Qatar
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LANGUAGES

- ENGLISH
- ARABIC



EDUCATION AND QUALIFICATIONS

- Sep 2012 - Jul 2017 **BSC. MECHANICAL ENGINEERING**
MEKELLE UNIVERSITY, ETHIOPIA



WORK EXPERIENCE

- May 2023 - Present **MECHANICAL ENGINEER**
MILIPOL EQUIPMENT TRADING & SERVICES (METQA), DOHA, QATAR
 - Conducted thorough equipment acceptance inspections for the New Naval Base Project (NNBP), ensuring all equipment complied with technical specifications and included required accessories and spare parts.
 - Coordinated closely with manufacturers to resolve technical issues, verify calibration, and review factory test reports for the NNBP.
 - Prepared detailed proposals for automotive, truck body works, industrial, and electrical workshop fit-out equipment in alignment with New Naval Base Project (NCP) requirements.
 - Performed installation inspections, testing, and commissioning activities for NNBP, guaranteeing full compliance with technical standards and project documentation.
 - Developed and maintained comprehensive technical documentation, including material lists, progress reports, and test & commissioning records.
 - Collaborated effectively with suppliers and manufacturers to ensure timely delivery and strict adherence to project specifications.
 - Oversaw equipment installation and maintenance for the Qatar Armed Forces (QAF) and Ministry of Municipality and Environment (MME), ensuring operational efficiency and optimal equipment performance.
 - Managed the fit-out of mechanical, industrial, and electrical workshops dedicated to maintenance, repair, and manufacturing within NNBP.
 - Supervised the installation and commissioning of machinery, ensuring full compliance with safety regulations and operational standards.
 - Provided technical input in coordination with sales teams, supporting the successful closure of high-value contracts.
 - Implemented a predictive maintenance program for critical production systems, significantly reducing equipment downtime.
 - Mentored and guided technicians to enhance skill development and improve overall team performance on technical tasks.
 - Conducted detailed testing of newly installed systems to verify functionality aligned with manufacturer specifications and project requirements.
 - Regularly reviewed and updated project documentation to maintain accurate, up-to-date technical records and compliance reports.

Oct 2022 - Dec 2022

ADMIN

MOWASALT KARWA, DOHA, QATAR

- Performed administrative and office tasks to support daily operations.
- Answered and managed incoming telephone inquiries.
- Generated and maintained daily vehicle movement reports using GPS tracking software.
- Monitored and tracked taxi movements to assist with lost item recovery.
- Provided professional customer service by greeting and assisting passengers.

Feb 2018 - Mar 2022

AUTOMOTIVE INSTRUCTOR

ENTOTO POLY TECHNIQUE, ADDIS ABABA, ETHIOPIA

- Trained 50+ students in engine servicing, diagnostics, and maintenance, aligning with industry standards.
- Delivered engaging lectures and supervised lab sessions, bridging the gap between academic knowledge and practical skill application.
- Built a custom injera-making machine and portable tablet loom, applying mechanical design principles.
- Provided individualized guidance and mentorship to students, fostering technical confidence and workplace readiness.
- Participated in curriculum development and continuously updated training materials to reflect advancements in automotive technology and industry requirements.

Aug 2017 - Jan 2018

WORKSHOP SUPERVISOR

TRANS ETHIOPIA, ADDIS ABABA, ETHIOPIA

- Maintained neat, clean, and safe work areas to maximize efficiency and enforce strict adherence to safety protocols and OHS/PPE regulations.
- Conducted regular safety audits, identifying potential hazards and ensuring compliance.
- Implemented preventive, corrective, and predictive maintenance policies to reduce equipment downtime and improve performance.
- Improved workshop efficiency by streamlining processes, optimizing workflow, and managing schedules and resources to ensure timely project completion within budget.
- Supervised daily garage operations, including vehicle and equipment maintenance.
- Prepared job plans, work orders, and daily schedules for smooth workflow.
- Diagnosed faults and delegated tasks to technicians based on skill and urgency.
- Completed and submitted maintenance reports, job completion records, and inspection checklists.
- Ensured health, safety, and environmental (HSE) compliance through regular safety checks and toolbox talks.
- Verified job cards and documented repairs and spare part usage for accountability.
- Managed spare parts inventory and coordinated procurement to prevent service delays.
- Mentored and trained technicians on proper tool use, PPE, and new vehicle diagnostic computers and software.

Sep 2016 - Jul 2017

INTERN MECHANIC

TRANS ETHIOPIA, ADDIS ABABA, ETHIOPIA

- Gained extensive hands-on mechanical experience working on SCANIA and VOLVO heavy-duty truck engines, under the supervision of experienced professionals in a busy transport company workshop.
- Performed complete engine overhauls, including systematic disassembly, visual and technical inspection of engine parts, diagnosis of worn or damaged components, repair or replacement, and reassembly according to manufacturer specifications.
- Assisted in troubleshooting engine performance issues, such as

overheating, poor combustion, oil consumption, fuel system blockages, and mechanical noise, helping develop strong diagnostic and problem-solving skills.

- Participated in routine preventive and corrective maintenance activities, such as oil and filter changes, valve clearance adjustments, belt and hose replacements, cooling system servicing, and injector testing.
- Took part in testing reassembled engines using appropriate tools and observing performance parameters such as RPM, exhaust color, engine noise, and oil pressure to ensure quality before reinstallation.
- Applied mechanical design principles and fabrication techniques (welding, bolting, mounting) to optimize manufacturing processes; certified in project proposal writing/implementation and design of engine test stands/support systems for recognized contributions.
- That, gaining experience in drafting mechanical project documents, budgeting, resource planning, and preparing reports aligned with industry standards.
- Developed good communication and teamwork skills by working alongside experienced mechanics, engineers, and supervisors in a real industrial environment.
- Strictly followed workshop health and safety regulations, ensuring cleanliness, proper use of PPE, safe handling of tools and chemicals, and clear documentation of daily activities.
- Demonstrated initiative, responsibility, and a strong desire to learn, often volunteering for additional technical tasks and asking questions to deepen understanding of mechanical systems.



SKILLS

Component functions and testing requirements	★ ★ ★ ★ ★
Test procedures	★ ★ ★ ★ ★
Technical direction and product strategies	★ ★ ★ ★ ★
Technical writing	★ ★ ★ ★ ★
Microsoft Excel	★ ★ ★ ★ ★
Microsoft project	★ ★ ★ ★ ★
Primavera	★ ★ ★ ★ ★
P6	★ ★ ★ ★ ★
AutoCAD	★ ★ ★ ★ ★
SolidWorks 3D models	★ ★ ★ ★ ★
CATIA	★ ★ ★ ★ ★



COURSES

- Feb 2025 - Apr 2025 **Mechanical Engineering-Internal Combustion Engine Basics**
[Online](#)
- Jan 2025 - Apr 2025 **Engineering Project Management**
[Online](#)