



MAHLAKO
BALANCING GROWTH

We're Hiring

SENIOR MECHANICAL / INDUSTRIAL ENGINEER

We are looking for a seasoned Senior Mechanical Engineer with a strong background in project management to lead complex engineering projects that focus on optimizing mechanical systems within a resource efficiency program. This is a unique opportunity to apply your expertise in mechanical systems to drive innovation and sustainability across multiple sites and make a significant impact on South Africa's resource efficiency and security of resource supply by optimizing energy, water, and waste systems. If you have a passion for engineering excellence and enjoy solving complex challenges, this role is for you.

KEY RESPONSIBILITIES:

- **Leadership & Project Management:** Lead a multidisciplinary engineering team in conducting thorough technical site assessments, focusing on mechanical systems to ensure comprehensive and optimized facilities management.
- **Mechanical Systems Expertise:** Oversee the mechanical workstream, applying your in-depth knowledge of HVAC, plumbing, piping, and machinery to improve system performance and reliability.
- **Resource Optimization:** Identify and implement opportunities to enhance the efficiency and sustainability of mechanical systems, ensuring compliance with all relevant standards, codes, and regulations.
- **Master Planning:** Develop and implement holistic energy, water, and waste management plans tailored to each site, ensuring long-term sustainability and cost efficiency.
- **Stakeholder Collaboration:** Work closely with internal and external partners to design and execute innovative solutions for both new and existing facilities.
- **Quality Assurance:** Ensure that all project deliverables meet the highest quality standards, in line with ISO requirements and company protocols.
- **Health & Safety Leadership:** Lead by example in promoting best practices in health and safety management across all projects.

MECHANICAL SYSTEMS ANALYSIS:



Comprehensive Inspections: Conduct detailed inspections of mechanical systems, including HVAC, plumbing, piping, and machinery, to identify maintenance needs and potential issues.



Risk Assessment: Perform risk assessments and performance evaluations to identify areas for optimization and develop strategies for continuous improvement.



Performance Optimization: Evaluate the energy efficiency of mechanical systems and provide actionable recommendations for improvements that enhance reliability and reduce costs.



Innovative Solutions: Stay ahead of industry developments to introduce innovative practices and technologies that enhance mechanical systems' performance and sustainability.

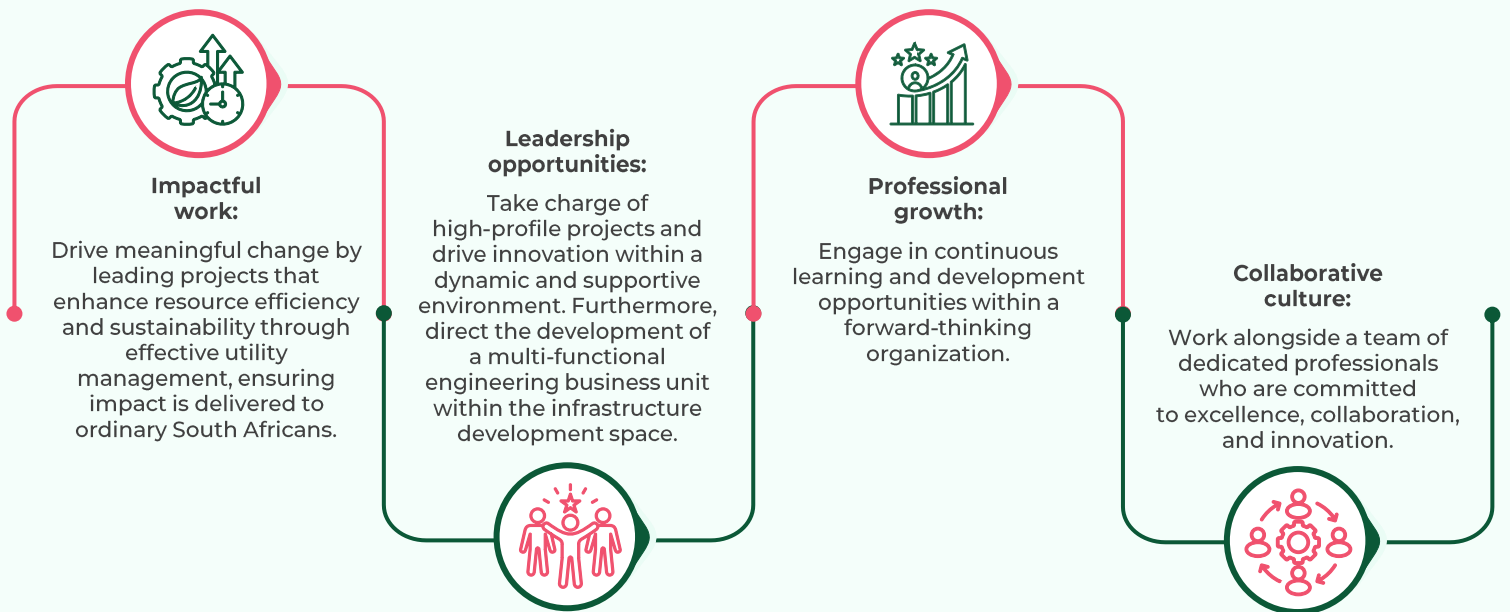


Compliance & Standards: Ensure all mechanical systems adhere to industry standards, codes, and regulations, and stay up-to-date with the latest industry trends and technological advancements.

WHAT WE'RE LOOKING FOR:

- **Educational Background:** BSc/BEng degree in Mechanical or Industrial Engineering, with a preference for an advanced degree. Project Management certification is a strong advantage.
- **Experience:** 10+ years of extensive experience in mechanical systems engineering, particularly within the built environment, property, and facilities management sectors.
- **Professional Registration:** Registered with a recognized engineering body (ECSA); SACPCMP registration is advantageous.
- **Technical Expertise:** In-depth technical understanding of mechanical systems, with experience in design management and project leadership.
- **Certifications:** Professional certifications such as CEA, CEM, CMVP, CHD, BEMP, or equivalent are highly desirable.
- **Project Management Skills:** Proven ability to manage complex, multi-disciplinary projects from start to finish, with a track record of delivering successful outcomes on time and within budget.
- **Legislation Knowledge:** Strong working knowledge of relevant legislation, regulations, codes of practice, and industry guidelines.
- **Software Proficiency:** Proficiency in CAD, mechanical modelling, and project management software, such as MS Project.

WHY JOIN US?



PERSONAL ATTRIBUTES:

We seek individuals with strong communication and problem-solving skills, who can effectively manage complex projects and thrive under pressure. Your ability to write detailed reports, lead teams, and maintain a proactive, solutions-oriented approach will be essential to your success in this role.

The successful candidate for this position will enjoy working with a market leading team in the infrastructure financing and advisory industry, and work on the redevelopment of South Africa's core infrastructure.

Application Details:

Applications must be sent to: careers@mahlako.co.za

Only shortlisted candidates will be contacted.