

HUSSIEN MOHAMMED MOKONNEN

METALLURGICAL AND MATERIALS ENGINEER

CONTACT

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-  Addis Ababa , Ethiopia

SKILLS

- Quality Management Systems
- **Auditing:** conducting detailed inspections and system audits
- **Metallurgy:** Iron and Steel Casting, Heat Treatment Processes (e.g., Annealing, Quenching, Tempering), Material Testing
- **Software:** (e.g. Word , Power point)
- **Leadership & Management:** Team Leadership, Process Optimisation, Training

LANGUAGES

- Amharic (Fluent)
- English (Intermediate)

HONERS & CERTIFICATES

- Quality Management System's Expert Training

RESEARCH

cause , effect and solution of centring (*the fusion of molten metal and sand during sand casting*)

REFERENCE

- Defence University College Debre Zeit, Ethiopia
Registrar: 011-433-59-78
- Akaki Basic Metal Industry
Tel: +251 11 434 04 22
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CAREER OBJECTIVE

I am writing to apply for the General Service & Transportation Officer position, bringing a Bachelor's Degree in Metallurgy and Materials Engineering along with several years of hands-on general service and transportation coordination experience.



EDUCATION

- **Defence University College of Engineering | Debre Zeit , Ethiopia**
 - Bachelor of Technology in Metallurgical and Materials Engineering
 - 2006-2010 E.C
 - Courses:- *Fundamentals of Materials Science, Strength and Selection of Materials, Extractive Metallurgy, Physical Metallurgy, Mechanical Metallurgy, Powder Metallurgy, Iron and Steel Making, Foundry Technology, Phase Transformation and Heat Treatment of Materials, Fuel Furnace and Refractory*
 - GPA: 3.31/4.0
- **Defence University College of Engineering | Debre Zeit , Ethiopia**
 - Metallurgical Diploma 2001-2004 E.C
 - Main Course Average: 84.49



WORK EXPERIENCE

- **Akaki Basic Metal Industry** 2004-2011 E.C
ADDIS ABABA, ETHIOPIA
Positions
 - Head of heat treatment shop** 01/01/2004-01/07/2004 E.C
 - I supervised and optimized heat treatment operations, including annealing, quenching, and tempering, to achieve the required mechanical properties and microstructural quality in metals and alloys.
 - Head of Inspection & System Auditing** 01/08/2004-01/05/2005 E.C
 - I led internal system audits to ensure the industry standards and quality management compliance, identified process gaps, implemented corrective actions, and maintained readiness for external audits and certifications.
 - Head of Quality Management** 2005-2006 E.C
 - I implemented and monitored metallurgical quality control systems, overseeing all quality assurance and control activities to ensure that products, processes, and systems met customer-specific requirements.
 - Head of General Service** 2006-2007 E.C
 - I oversee all facility, maintenance, safety, and utility operations that support production activities. I ensure that plant infrastructure, equipment, and workplace conditions remain efficient, safe, and fully compliant with organizational, environmental, and regulatory standards.
 - Head of Safety & Security** 2007-2011.E.C
 - I manage round-the-clock workplace safety and security operations, maintaining a safe, compliant, and secure environment for all staff and facilities.