**CV**

**KYUVI, Esther Mwende**

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| **Address** | KIRDI, South ‘C’ Campus, P.O. Box 30650, 00100, Nairobi, Kenya  Mobile +254715727200 or +254 739634183 |
| **E-mail** | [esther.kyuvi@yahoo.com](mailto:esther.kyuvi@yahoo.com) or [esthermuoki95@gmail.com](mailto:esthermuoki95@gmail.com) or esther.mwende@kirdi.go.ke |
| **Nationality** | Kenyan |
| **DESIRED CAREER** | **Mechanical Engineering Consultant**  Special interest in Fleet Management, Industrial Research, Energy, Engineering design and development and Maintenance |
| **EDUCATION AND TRAINING**  **Academic** | **Msc. Energy Management - University of Nairobi - Course work complete, project ongoing**  **Bachelor of Science degree (Mechanical Engineering)** - Second class Honours, Upper Division from University of Nairobi -2002  **Kenya Certificate of Secondary Education**- Makueni Girls’ High School (aggregate B+) – 1995  **KCPE**- Kithumba Primary School, Makueni County (495 Marks) – 1991 |
| **Professional**  **WORK EXPERIENCE** | **Courses attended**   1. Integrity Assurance Officer training by Ethics and Anti-corruption Commission (EACC) – June 2018 2. ISO accreditation training by Kenya Accreditation Services (KENAS) –November 2018 3. ISO 9001:2015 Internal Auditor training by National Quality Institute, Kenya Bureau of Standards – November 2017 4. CNC Programming using Mastercam software training by Central Institute of Tool Design, Hyderabad, India – August to October 2017 5. Training of Trainers in Biogas by Snow Leopard (Germany), Strathmore University – June 2017 6. Skill development on coconut husk utilization technologies training by National Coir Research and Management Institute (NCRMI), Kerala, India – December 2014 7. Police Inspectors training at Kenya police training college – June 2007 8. Management by experience training at Mount Kenya School of Adventure – May 2007 9. ISO 9001:2008, Internal Quality Auditing training in KIRDI – July 2009 10. Police training - May 2003 to March 2004   **OUR.**  **PRACTICES**   * I am I trained Integrity Assurance Officer and I assist the in-charge Integrity Assurance in identifying risks and developing mitigation measures KIRDI * Having been trained as ISO 9001:2015 internal auditor, I carry out internal audits. I was involved in auditing leather development centre and Corporate Services department * I participate in design and fabrication of products under the Engineering Development and Service Centre. My role is consultancy, supervision and design * I am a current member of Technical Committee for Standards Development, Kenya Bureau of Standards – Hydro power committee   **Kenya Industrial Research and Development Institute (KIRDI)**  P.O. Box 30650-00100 Nairobi, Kenya  November 2018 – to date  **Research Scientist I– Job Grade IR8**  **Head of Mechanical and Electrical Division**  My current duties involve provision of technical support to other departments within the institute, supervision of technical staff under mechanical and electrical division, administrative duties, engineering consultancy, machine repairs and maintenance, formulation and implementation of research proposals, prototyping, preparation of reports, carrying out collaborative research, tender evaluation, corruption prevention and ISO auditing among other duties assigned. |
|  | March 2013 – November 2018  **Research Scientist II – Job Grade IR7**  September 2008- October 2011  **Assistant Research Scientist – Job Grade IR6**  February 2008 –September 2008  **Ministry of Roads and Public works (secondment)**  P.O. Box 30043-00100 Nairobi, Kenya  **Mechanical Engineer**  I was involved in preparation of specifications of motor vehicles, plant and equipment. I was also involved in pre- delivery inspection of motor vehicles and equipment. I also inspected second hand imported vehicles in view of registration. I also inspected government vehicles to establish road worthiness. I valued motor vehicles and equipment for the purpose of disposal.  May 2003 –February 2008  **Office of the President- Police Department (transport section)**  P.O. Box 30083-00100 Nairobi, Kenya  **Mechanical Engineer**  I was involved in Inspection of motor vehicles in view of repair and maintenance, boarding and disposal**.** I did accident assessments on police motor vehicles.I valued motor vehicles and equipment to determine whether they will be repaired or boarded for disposal**.** I prepared and evaluated tenders for the transport department**.** I supervised general maintenance of motor vehicles and equipment  August 2001 – October 2001  British American Tobacco Ltd  **Industrial Trainee**  I wastrainedon how to manufacture cigarettes, the technologies applied, good manufacturing practices and maintenance of machines |
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| **PERSONAL SKILLS /COMPETENCES** | **Multilingual**: Excellent spoken and written English and Swahili.  **Team Player with own initiative**: Participated in several team activities including mountain climbing, cleaning of public parks, factory visits and establishment of a community-supported rural secondary school.   * **Leadership**: Held several leadership positions at all levels of my education and work, including serving as an elected Publicity Secretary and Assistant Academic Affairs Secretary, Engineering Students’ Association (ESA). I served as a board member at, Kithumba Secondary School.   **Communication**: Extensive experience in preparation of timely reports and excellent presentation skills.  Good command of Microsoft Office Suite, MasterCam, Autodesk Inventor, solid works and AutoCAD. Basic knowledge in Pro engineer |
| **Professional membership** | Engineers Registration Board – Graduate member  Institution of Engineers of Kenya |
| **REFEREES** | Eng. Joseph Kamau, Centre Manager EDSC, Kenya Industrial Research and Development Institute,  P.O. Box 30650-00100, Nairobi, Kenya. Tel +254(0) 722 704410, Email [jkkamau@kirdi.go.ke](mailto:jkkamau@kirdi.go.ke) or [kimani-jk@yahoo.com](mailto:kimani-jk@yahoo.com)  Prof. James Nyangaya, Senior Lecturer, Department of Mechanical and Manufacturing Engineering, University of Nairobi, P.O. Box 30197-00100, Nairobi, Kenya. Tel +254 723891004, Email: jangaya@uonbi.ac.ke  Eng. David Mwandiki, Chief Transport Officer, Kenya Police Service, P.O. Box 30083- 00100, Nairobi, Kenya. Tel +254 721236174, email address njagidm@yahoo.com |