

C U R R I C U L U M V I T A E

PERSONAL DETAILS

NAME : Macharia K. Peter
DATE OF BIRTH : 23rd September, 1969
SEX : Male
ID/NO : 10708907
CITIZENSHIP : Kenyan
LANGUAGES : Kikuyu, Kiswahili, English
PHYSICAL DETAILS : Height 1.8m Weight 82kg
MARITAL STATUS : Married
PERMANENT ADDRESS : P.O Box 4031
ELDORET
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EDUCATION BACKGROUND

UNIVERSITIES:

JAN 2005 – June 2007 : Moi University.
Degree Course : Masters of Philosophy in Environmental Studies
(Environmental Health)
DECEMBER 1990 – 18TH MARCH 1995 : Kenyatta University
DEGREE COURSE : Bachelor of Science (Chemistry)

SEMINARS/ SHORT COURSES ATTENDED

- 1) Operation and maintenance of water supply Appurtenance course 6/7/99 to 9/7/99 **by KEWI**
- 2) Maintenance and repair of water supply reticulation network 13/8/2001 **by KEWI**
- 3) Effective customer care course 27/2/2003- 28/2/2003 **by ARUKA Consultants**
- 4) Quality management and implementation of ISO 9001-2000 – 17th – 21st March 2003 **by KEBS**
- 5) Internal Quality Auditing of Quality System to ISO 19011: 2002 – 31st July –1st Aug 2003 **by KEBS**
- 6) Productivity Improvement Programme 17th – 20th June 2003 **by FKE**

- 7) Environment for sustainable development 30th July 2005 **by Moi University.**
- 8) Environmental Impact Assessment: 12th – 30th September 2005 **by Moi University.**
- 9) Self Environmental Audit Training Course-19th December 2005 **by Mangat I. B. Patel & partners.**
- 10) Corporate Governance Training: 17th –18th May 2007 **by Institute of Certified Public Secretaries of Kenya**
- 11) Environmental Impact Assessment (EAI) & Environmental Audits (EA), Environment, Health and Safety (EHS) Training and Audits: 10th –11th July 2008 **by KENFACE Enconsults (AFRICA) Limited**
- 12) Certificate of Participation: World Environment Day celebrations: 6th June 2008 **by NEMA**
- 13) Project Management Training Workshop: 23rd – 24th April 2009 **by Dataline International Ltd**
- 14) First Aid Training Workshop: 20th – 21st April 2009 **by St. John Ambulance**
- 15) OSH step by step approach training: 17th September 2010 **by Federation of Kenyan Employers**
- 16) Information Technology Usage and management Skills Course: 22nd – 26th June 2009**by Institute of Advanced Technology**
- 17) Health and Safety training: 7th – 10th July 2009 **by DOHSS Kisumu**
- 18) Disaster management Course: 24th – 26th January 2012: **By Disaster International**
- 19) 3M Four step method respiratory and hearing protection: 9th May 2012 **by 3M occupational Health and Environmental safety division**
- 20) Change management Course: 27th – 29th June 2012: **By InterAfrica Consultants**
- 21) Occupational Health and Safety Course: 19th – 22nd February 2013 **by Safety, Health and Environment Consultants**
- 22) Environmental, Health and Safety Integrated Systems Training: 26th - 28th February 2013 **by Millennium Management Consultants (MMC Africa)**

EMPLOYMENT HISTORY

1. January – July 1994 : Vocational teaching at Karunga Secondary School. As a Physical Science Teacher and served as Laboratory Attendant, served as Games Teacher.
2. January – May 1996 : Taught at Kitogo Secondary School in Chemistry discipline.
3. May 1996 – March 1997 : Worked at Rai Ply Wood Company limited as a General Supervisor at Match making Plant.
4. March 1997 – October 1997 : Worked at Ivory Insurance Agency as a Clerk.

5. November 1997 – Sept. 2000 : Worked at Eldoret Municipal Council at the Water and Sewerage Department as Senior Foreman, **monitoring waste water effluent from sources and in charge of sewage treatment plants.**
6. September 2000 – Feb. 2006 : Eldoret Water and Sanitation Co. Ltd -**Technician Sewerage Section- In charge of sewage treatment plants.**
7. March 2006- To January 2008 : **Water Technician-** In charge of drinking water Treatment Works.
8. January 2008- April 2008 : Water quality surveillance laboratory- potable and waste water analysis
9. May 2008- to Dec. 2008 : **Area Service Manager:** Eldoret water and Sanitation Co. Ltd
10. Jan. 2009 – to date : **Assistant Manager:** Environment and Safety: Agro-Chemical and Food Company Ltd.
- June 2020 – to date : Environment and Occupational Safety Manager: ACFC, Muhoroni

CONFERENCES

31st July- 14th August 2007: Moi University international conference: Paper presented: **Industrial Noise Pollution impacts in Eldoret, Kenya.**

29th July- 1st August 2008: Moi University international conference: Paper presented: **Industrial Noise Pollution Health Impacts in Eldoret, Kenya**

The two presentations are internal publications as referral journals at Moi University School of Environmental Studies- main campus.

26th Feb – 27th Feb 2011: Best Available Practices for treating distillery effluent (wastewater) **All India Distillery Association conference; New Delhi, India**

22nd – 23rd Nov., 2011: Effluent & wastewater Management Conference; Nairobi, Kenya: Paper presented: **Management of molasses distillery effluent**

EXCHANGE PROGRAMS

27TH Feb. – 15th March, 2010: Visited distillery effluent treatment works in India. Visited distilleries in major Cities such as Mumbai, Pune, Kolhapur, Bangalore, Mysore and Chennai to the south and New Delhi and Upper Ganges to the North.

Site Visits: Bench marking with various institutions such as Kenya Pipeline Kisumu, Mumias Sugar Company, Spectre International Kisumu among others

EXPERIENCE

Have worked in various fields of employment, which have given me confidence and strength to fit in different work environment.

During my eleven years working period at Eldoret Municipal Council and then Eldoret Water and Sanitation company Limited, eight years were at sewerage section during which period I gained field experience ranging from understanding sewer networks, use of sewer maintenance equipments, environmental matters, ponds desludging exercise, potable and waste water surveillance and associated environmental concerns among other operations and maintenance procedures of sewerage facilities, quality testing procedures and monitoring of effluent discharge from sources.

Was monitoring Industrial wastewater pretreatment units in line with Eldoret municipal Council effluent standards by-law.

Have gained experience on environmental issues including community participation on matters touching on their livelihoods including use of various equipments for various testing and analysis on environmental management and conservation.

Currently am working as an Manager Environment and Safety at Agro Chemical Food and Company where among other responsibilities are environmental issues, health and safety issues and implementation of regulatory requirements among others. Pest Control is a key activity here since this is a food company.

Have gained training in both Quality Management System in **ISO 9001: 2015** and Internal Quality Auditing of Quality System to **ISO 19011: 2002 and ISO 22000: 2005** Food Safety Management Systems, **ISO 14001:2004** Environmental Management System and **18001:2007: Occupational Health and Safety Administration**. Moreover I have gained training and experience in Occupational Health and Safety issues, and EIA/EA. Am registered with NEMA as a **Lead Expert**, reg. No. **1463**

Have been involved in various committee works in water and sanitation issues under the program **Pro-Poor Initiative Program** (PPIP) and urban project Cycle (UPC). Currently am the secretary of Health and Safety committee in the company as required by OSHA 2007 and a member of the secretariat western Kenya Integrated Environmental Management Program (KARI/WEKIEMP) pursuing the issues of Carbon Sequestration initiatives by various stakeholders within upper and middle Nyando River catchment.

Currently I am a member of internal audits committee for safety and health, environmental audits, ISO 9001:2015 QMS and ISO 22000: 2005 FSMS at Agro- Chemical & Food Company limited.

Am a committee member of the steering team for implementation of an integrated environmental management system ISO 14001:2004 and occupational safety and health management systems ISO 18001:2007.

Most recent achievement was implementation of rehabilitation and expansion of effluent treatment plant (a biogas plant and lamella clarifier) with a capital input of over 90 million Kenya shillings. The plant capacity is 33,000 cubic meters and is now operational.

Currently am a project team member for implementation of an additional Continuous Stirred Thermal Reactor (CSTR), a bioreactor running from December 2020 to June 2021 for enhanced biogas production.

NATIONAL EVENTS PARTICIPATED

20th April 2006: International safety week at **Rift Valley Bottlers Eldoret**

5TH June 2008: Represented Eldoret water and Sanitation Co. Ltd at **National World Environment day Celebrations** at Kipchoge stadium, Eldoret

20th August 2008: Represented Eldoret water and Sanitation Co. Ltd at **Public Service Week** event held at Eldoret Municipal Council grounds

4th June 2009: Represented Agro-Chemical and Food Co. Ltd at **World Environment day Celebrations** at Kochogo Secondary School at Ahero, Nyando district

5th June, 2013: Represented Agro-Chemical and Food Co. Ltd at **World Environment day National event Celebrations** at Kisumu County at Maseno University, Sirimba Campus.

I have participated in various World Environmental day events in the Kisumu county and at national level

AUDITS CONDUCTED

5th September 2006: Eldoret Water and Sanitation Co. Ltd: **Self-Internal Environmental Audit**

2ND - September 2008: Rift Valley Bottlers Company Limited: **Noise Measurement Survey**

26th- 27th October 2008: Brookeside Academy Ltd: **Environmental Impact Assessment Audit**

15th – 16th May, 2010: Sagana/ Kagio Municipal council: **EIA for a proposed solid waste Dumpsite**

2009 to date: Facilitation in carrying out of statutory annual OSHA audits, environmental audits and Environmental Impacts Assessments at Agro Chemical & Food Company Limited

CURRENT ASSIGNMENT

Spearheading implementation of an integrated Environmental Management system (ISO 14001: 2004) and Occupational Safety and Health System (ISO 18001: 2007) at Agro Chemical & Food Company Limited

AVAILABILITY

Macharia K. Peter

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REFEREES:

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2. Dr. G. Simiyu
Moi University
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3. Dr. Odipo Osano
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