

# CURRICULUM VITAE

CAREY CALVIN OCHOGO

## ADDRESS

C/o KENYA ACCREDITATION SERVICE

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## PROFESSIONAL QUALIFICATION

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Bachelor of Technology in Civil and Structural Engineering

## PERSONAL INFORMATION

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Sex:	Male
Nationality:	Kenyan
Passport No.:	BK085282
ID Card No.:	14439802
Date of birth:	17 <sup>TH</sup> FEBRUARY 1975
Marital status:	Married
Languages:	English, Kiswahili and Luo

## PERSONAL PROFILE

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- Honest, hardworking, team player, result oriented and flexible. Possess strong leadership, analytical, communication and negotiation skills.
- Registered with the Engineers Registration Board (ERB) as Graduate Engineer - Registration Number - B 6568
- Registered with the Institution of Engineers of Kenya (IEK) - Registration Number - G 4388

## EDUCATION BACKGROUND

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- 2007-2010 Moi University, Eldoret - Kenya  
**Bachelor of Technology in Civil and Structural Engineering.**
- 1997-1999 Jomo Kenyatta University of Agriculture and Technology, Nairobi - Kenya  
**University Diploma in Civil engineering**
- 1993-1994 Kenya Certificate of Secondary Education (KCSE) - **Grade B-(minus)**

## COMPUTER PROFICIENCY

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- ❑ Windows
- ❑ MS office (word, excel, access power point, page maker, outlook, publisher etc.)
- ❑ Design programs such as prokon, staad pro, master series, and eagle point.
- ❑ Drawing software such as AutoCAD, ArchiCAD and Plotter

## WORKSHOPS/SEMINARS/CONFERENCES/COURSES

NAME OF COURSE/SEMINARS	INSTITUTION	VENUE	YEAR
Peer Evaluators Training - Risk Management in Accreditation of Conformity Assessment Bodies	African Accreditation Cooperation (AFRAC)	Nairobi	April 2019
IEK Engineers International Conference 2018	Institution of Engineers of Kenya (IEK)	Pride Inn Paradise Beach Resort, Mombasa	September 2018
ISO/IEC 17011:2017 Conformity Assessment - Requirements for Accreditation Bodies Accrediting Conformity Assessment Bodies	African Accreditation Cooperation (AFRAC)	Nairobi	June 2018
ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories	African Accreditation Cooperation (AFRAC)	Nairobi	June 2018
2018 Assessor Conclave	KENAS	Nairobi	June 2018
ISO/IEC 17011:2017 Conformity Assessment - Requirements for Accreditation Bodies Accrediting Conformity Assessment Bodies	International Organization of Standardization (ISO)	Nairobi	December 2017
2017 Assessor Conclave	KENAS	Nairobi	June 2017
Autodesk Inventor - Finite Element Analysis	KENAS/WEBBS Institute	Nairobi	January 2017
08 <sup>th</sup> Regional Metrology Conference	Kenya Bureau of Standards	Mombasa	December 2016
2016 Assessor Conclave	KENAS	Nairobi	July 2016
Technical Introduction to Structural Eurocodes	KEBS / Moi University / TU Delft	Mombasa	May 2016
Attachment - Hong Kong Accreditation Service, HKAS	HKAS - Hong Kong	Hong Kong	March 2016
Measurement Uncertainty and Method Validation	KENAS / ACP-EU-TBT	Nairobi	February 2016
ISO/IEC 17065: Conformity Assessment - Requirements for Bodies Certifying Products, Process and Services	American National Standards Institute (ANSI)	Nairobi	January 2016
ISO/IEC 17021-1:2015 Implementation Course	KENAS	KENAS	October 2015
Professional Interview Preparations Seminar, 2013	Institution of Engineers of Kenya (IEK)	SILVER SPRINGS HOTEL	August 2013
ISO/IEC 17065 Conformity Assessment - Assessor training course	KENAS / SMAP European Union	EKA HOTEL	June 2013
IEK Engineers International Conference 2013	Institution of Engineers of Kenya (IEK)	TOM MBOYA LABOUR COLLEGE - KISUMU	May 2013
Method Validation and Estimation of Measurement Uncertainty	KENAS	PANARI HOTEL	April 2013
ISO 14064:2006 and ISO 14065:2007 Green House Gas Quantification, Monitoring,	KENAS / LRQA / INGEROSEC	RED COURT HOTEL	February 2013

Reporting Verification, Validation and Accreditation training	CORPORATION Japan		
Assessor Training Course	KENAS	KENAS	November 2012
PPOA Training Seminar on Public Procurement	Public Procurement Oversight Authority (PPOA)	KENAS	September 2012
Foundation calibration course for biomedical engineers	KEBS	KEBS	August 2012
ISO/IEC 17025:2005 Implementation training.	KENAS	EKA HOTEL	June 2012
IEK Engineers International Conference 2012	Institution of Engineers of Kenya (IEK)	KICC	May 2012
Introduction to Structural Eurocode Standards in Kenya	VLIR/UOS/Moi University/KEBS	Hotel Sirikwa - Eldoret	February 2012
Basic First Aid Course	Kenya Red Cross Society	KEBS	December 2011
21 <sup>st</sup> National Metrology Seminar (NMS 2011)	KEBS	White Sands Hotel (Mombasa)	December 2011
Quality Management Systems - Internal Quality Audit Course	KEBS	KEBS	September 2011
Team Building Course	Outward Bound Trust of Kenya	Loitoktok	June 2011
Advanced Security in the field	United Nations	KEBS	January 2011
Basic Security in the field - Staff Safety, Health, and Welfare	United Nations	KEBS	January 2011
ISO 17025:2005 General requirements for the competence of testing and calibration laboratories	KEBS	KEBS	September 2010
Exhibition & Workshop on Training & Practice of Architecture in Contemporary Times	UNIVERSITY OF NAIROBI	UNIVERSITY OF NAIROBI	August 2010
A foundation course in the field use of Geophysical Survey Systems Inc. Subsurface Interface Radar systems: SIR 3000, and the associated antennas, including data processing and presentation techniques using RADAN 6	ALLIED ASSOCIATES GEOPHYSICAL LIMITED, UK.	ALLIED ASSOCIATES GEOPHYSICAL LTD, DUNSTABLE, UK.	June 2006
ISO 9001:2000 Awareness Seminar	KEBS	KEBS	July 2005
Standardization, Quality Control and Metrology course	KEBS	KEBS	Feb-March 2004

## **INHOUSE TRAININGS CONDUCTED ON ISO/IEC 17025 (Implementation and Internal Audit)**

- SBI International (Uganda)
- Ministry of Mines and Geology (Uganda)
- Nyeri Water and Sewerage Company Limited (NYEWASCO)
- Kenya Power

- Kenya Pipeline Corporation (KPC)
- Bureau Veritas Kenya (BVK)
- Unga Limited Kenya
- Kenya Sugar Research Foundation (KESREF)

### **SOME OF THE COMPANIES WHERE I HAVE CONDUCTED CONFORMITY ASSESSMENTS**

- Kenya Airways Calibration Centre
- Nyeri Water and Sewerage Company Limited
- Kibos Sugar and Allied Industries Limited
- South Nyanza Sugar Company Limited
- Sonic Quality Inspectors
- Eldoret Water and Sanitation Company Limited
- Nakuru Water and Sanitation Company Limited
- Analabs Testing Laboratory
- Crop Nutrition Testing Laboratory
- Bureau Veritas Certification Kenya Limited
- SGS Inspection and Certification Limited Company
- Kenya Revenue Authority
- Avante Garde Engineers and Consultants, India
- AA of Kenya Inspection
- Kenya Association of Bus Manufacturers
- Safe Water and AIDS Project

### **WORK AND TRAINING EXPERIENCE**

- ♦ ***Conformity Assessment Systems Evaluation Officer - (Kenya Accreditation Service - KENAS)***

June 2012 - Date

#### **Duties and Responsibilities**

- Conducting assessments with regards to compliance with ISO/IEC 17025, ISO/IEC 17020, ISO/IEC 17021-1 for Management Systems i.e. ISO 9001:2015, ISO/IEC 17024, ISO/IEC 17065 and others with the sole purpose of Accreditation.
- Training institutions on the implementation of ISO/IEC 17025.
- Participate as an assessor in assessment teams in engineering related fields.
- Review of conformity assessment files before forwarding to the Deputy Director Technical Services.
- Undertake internal audits in the organization.
- Participate as a resource person in KENAS training and awareness programs.
- Development of criteria and procedures for accreditation of testing and calibration bodies in the field of civil and structural engineering.
- Promotion of accreditation as a means of facilitating regional and international trade.
- Participate in the formulation of regional and international guidelines and standards to facilitate the accreditation process.
- Documentation of applicable criteria documents for the testing and calibration scheme.
- 3rd party assessment of independent axle load inspection firms appointed by Kenya National Highways Authority (KeNHA)
- Participation in Tender and Evaluation Committees.
- Developing proposals for budgetary consideration.

- Supervision of subordinate staff.
- Representing the KENAS in local and international forums i.e. National Technical Committees, East Africa Community.
- ♦ ***Civil Engineer - Materials Testing and Standards Development (Assistant Officer) - Kenya Bureau of Standards (KEBS)***

April 2004 - June 2012

### **Duties and responsibilities**

- Supervision of Civil Engineering projects within Kenya Bureau of Standards premises countrywide and ensuring that they conform to agreed specifications and Standards.
- Participating in the review of the road design manuals in conjunction with Ministry of roads engineers, materials branch engineers and consultants.
- Secretary of Road and Roads furniture technical committee at the Kenya Bureau of Standards.
- Preparing drawings, designs, work schedules and other responsibilities for Kenya Bureau of Standards structural works.
- Preparing tender documents and analysis of quotations for shortlisting and approval within Kenya Bureau of Standards construction projects in accordance with public procurement systems and processes.
- Facilitating implementation of Kenya Standards and other approved specifications in the industry of the engineering materials and structures.
- Enforcing mandatory Kenya Standards and handling samples for quality control and testing.
- Ensuring health and safety regulations are observed within the staff working environments as a fire marshal through regular audits and training of other staff members.
- Prepare equipment and material specifications for procurement purposes and evaluation and inspection of the same prior to acceptance.
- Follow-up and monitoring of equipment performance and maintenance.
- Receiving, analyzing civil engineering and construction materials according to local and international standards and giving feedback to clients.
- Participating in proficiency testing and accredited (UKAS) tests with internationally accredited laboratories to keep abreast with the dynamics in testing of civil engineering materials.
- Supervision of subordinate staff.
- Demonstrating and advising firms on test methods and procedures of engineering materials.
- Implementing KEBS mandatory Standardization Scheme.
- Implementing KEBS voluntary Diamond Mark Scheme.
- Carrying out product certification audits.
- Carrying out market surveillance on product quality.
- Participating in prosecution of the various parties contravening the Standards Act.
- Receiving, investigating and resolving consumer related product complaints on engineering materials.

- Providing consultancy services on product and process quality to industry and other stakeholders.
- Involvement in the tendering and procurement of engineering works, equipment and services.
- Marketing and promoting KEBS services to industry.
- Implementing the quality management system in KEBS within the sector.
- Participating in the preparation of strategic plan and objectives of the section.
- Participating in the preparation of departmental budgets and work plans.
- Carrying out quality contractual services on products and processes in engineering.
- Organizing and participating in the relevant technical committee meetings for development of standards in the civil engineering industry in Kenya.
- Participating in International Organization for Standardization (ISO) Technical Committee meetings locally and abroad.
- Sensitizing and educating the public on the usage of standards and participating in the implementation programs to create awareness on quality in the relevant sectors.

♦ ***Trainee Technician (Industrial training and vocational jobs)***

Ministry of water and natural resources, Kericho district office and Jamji Tea Factory  
Unilever tea (formerly Brooke Bond Kenya Limited)

Jan 1999 - March 1999 and October 2001 - March 2002

**Duties and responsibilities**

- Carrying out water treatment and laboratory tests.
- Re-routing and design of the pipe network in Kericho district.
- Repair and maintenance of water meter, taps and water pipes.
- Statistical data collection for repairs and maintenance for product development at Jamji Tea factory (Unilever)

♦ ***Trainee Technician Engineer (Industrial training and vocational jobs)***

Jomo Kenyatta University of Agriculture and Technology, Nairobi - Kenya

Jan 1998 - May 1998

**Duties and responsibilities**

- Testing of materials such as aggregates, concrete cubes and soils.
- Testing of fresh and wastewater for various parameters
- Design and drawing of buildings, culverts and bridges and participating in comprehensive construction.

## REFEREES

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❖ **Susan M. Ochieng**

Deputy Director Technical Services  
Kenya Accreditation Service  
(KENAS)  
P.O Box 47400-00100  
Nairobi, Kenya

❖ **Prof. (Eng) Stanley Shitote**

Senior Lecturer - Civil & Structural  
Engineering Department  
Moi University  
P.O Box 3900  
Eldoret, Kenya

❖ **Clement C. Miheso**

Manager - Engineering Standards  
Kenya Bureau of Standards  
P.O Box 54974-00200  
Nairobi, Kenya