

SUMMARY

Organized and motivated Quality Assurance Engineer/Civil inspector with over fourteen years of experience in civil construction (road, port, buildings etc..) that I demonstrated real managerial skills and leadership ability. Proficient in concrete works and performing accurate audits. Hands-on experience in work supervision for road and port infrastructure projects. In-depth knowledge of Construction of port and civil engineering.

PROFESSIONAL EXPERIENCE

Freelance/Part-time employment November 2022 - Present

Online jobs

Remote

- Performed remote tasks such as technical translation and transcription of construction contract documents in French and English.
- Working as remote freelancer on Fiverr.
- Working on freelance basis on OneForma.

Work Inspector/Quality Assurance Eng August 2020 - November 2022

Coast Engineering Ltd.

Mombasa, Kenya

- Part-time consultant involved in the construction of housing units.
- Ensured rigorous inspection on all structural components to ensure compliance with quality standards and specifications.
- Verified correct placement of reinforcement detailing before concrete placement .
- Collected samples and inspected concrete constituent materials properly at stockpiles to ensure suitable physical properties .
- Monitor batching and mixing procedures to improve the concrete mix.

Engineer /Translator January 2018 - August 2020

Contractor China Civil Engineering Co. Ltd

Mombasa, Kenya

- Assisted on consultancy basis (between 2018-2020) the contractor China Civil Engineering Co. Ltd.
- Provided support and assistance in the successful the execution of the final sequence of activities .
- Contributed to the upgrading of Dongo Kundu Southern Bypass in Mombasa-Kenya.
- Inspected concrete works including the road drainage network (drains, ditches etc.).
- Improved hot mix asphalt production and placement on first 10km roadway surface to ensure compliance with specifications.
- Verified various control points and stakeout of work site on first 10km trunk road.
- Inspected trench excavation in preparation for subgrade filling on first 10km trunk road.

Engineer -Work Supervision /Translator April 2014 - June 2017

Louis Berger International

Yaoundé, Cameroon

- Assisted the Team Leader in liaising with the contractor China First Highway Engineering company .
- Assisted the Team Leader in managing communication and coordination .
- Inspected works during the construction of the first phase of 100km linear for the four-lane highway Yaoundé/Douala.
- Conducted inspections of control points network setup in hilly terrain, earthwork and identification of quality borrow materials.
- Performed in-situ density inspections for compacted road base and subbase soil and assisted in quantity estimates (PK0-PK40).
- Contributed to the preliminary design of hydraulic structures including culverts and bridges between PK0-PK40 .

Quality Control Manager August 2011 - September 2013

China Harbour Engineering Co.Ltd.

Kribi, Cameroon

- Managed a team to ensure quality control inspection for the construction of a 1.5km-long rubble mound breakwater .
- Inspected the fabrication and launching of 18m-height concrete caissons for the 600m long container terminal berths.
- Inspected the launching of 18m-height concrete caissons for the 600m long container terminal berths
- Prepared detailed reports and method statements outlining the planned execution of works .
- Led the quality control inspection for the dredging of navigation basin inside the harbor .

- Led and managed the quality control process for reclamation work.
- Led the inspection on the designing of fresh concrete during concrete works.
- Conducted assessment with the Hygiene, Security & Health team .
- Evaluated the environmental impact over the disposal of dredged materials .
- Ensured effective liaison and coordination under EPC contract.
- Identified remedial measures to address water stream pollution resulting from quarry activities .

QA/QC Engineer/Work Inspector, Off. Technical Engineer

January 2008 - August 2010

China Harbour Engineering Co.Ltd

Oran, Algeria

- Prepped site activities report for the Mers El Kebir Navy Base project in Oran .
- Performed quality control inspections during the upgrading of the existing 2.2km breakwater for the Mers el Kébir Navy base project in Oran.
- Led and managed a team of inspectors in conducting inspection for fresh concrete design for the fabrication of armor block units (Antifer, accropodes) .
- Established and implemented various testing reports on concrete and its constituents.
- Conducted work quality audit and ensured compliance with HSE regulations on site .
- Established various testing reports on concrete and constituents.
- Conducted the work quality audit but also assured the HSE management on site.
- Assigned the task of monitoring military ships as potential sources of pollution in the surrounding coastal waters.

Work Inspector, Quality Control Engineer,

September 2005 - December 2007

China Harbour Engineering Co. Ltd

Tripoli, Lebanon

- Worked as a junior engineer for the second phase of the expansion of the Port of Tripoli with China Harbour Engineering Co.Ltd.
- Supervised the preliminary work during the demolition of the existing breakwater .
- Prepared Pile Dynamic Analyzer test report and successfully supervised the pilling on curtain wall and dredging works.
- Conducted inspection to ensure appropriate selection of size of quarry rocks.
- Conducted materials inspection and generated reports on construction materials testing .

Work inspector

April 2002 - July 2005

China Overseas Engineering Co. Ltd

Nairobi, Kenya

- Worked as site inspector (staking out) for the Imara Daima housing project funded by Kenya Housing Corporation in Nairobi/Kenya.
- Conducted inspections for concrete work and masonry during the Imara Daima housing project (China Overseas Engineering Co. Ltd.)

Quality Control Engineer /Work inspector

January 1997 - December 2001

China Overseas Engineering Co. Ltd

Nairobi, Kenya

- Performed office technical work and provided Chinese translating services for various Chinese contractors .
- Worked with China Overseas Engineering Co .Ltd and China Roads & Bridge in the procurement of materials and equipment .
- Engaged in part-time work ,performing various tasks and responsibilities .

Junior Engineer

March 1994 - December 1996

Ensico-Zaire /Architect consulting office

Kinshasa, Zaire

- Assisted in the Quantity Surveying department ,responsible for maintaining construction records.

EDUCATION

Bachelor Degree in Structural engineering

September 1989 - June 1993

Shanghai Tongji University,

Shanghai, China

Diploma in Chinese Language /Mandarin

September 1988 - July 1989

Beijing Language Institute

Beijing, China

MISCELLANEOUS

Certifications

Graduate Member, aspirant Incorporated Engineer IEng /Chartered Engineer CEng

Institute of Civil Engineers -ICE /UK * since 2016

Certification for professional civil engineer

Coursework

Coventry University, England * 2011 * teamwork

Coordinating in a group of four students with each one having specific tasks

Skills

- Language proficiency :English(working proficiency) , French(working proficiency) ,Chinese(working proficiency) , Swahili(native) , Lingala(native)
- Technical translation , usage of CAT / Wordfast, , Omegat and Matecat
- In-depth understanding of the management and implementation of ISO 2001:2015 requirements;
- Work Supervision;
- Good at reviewing proposed construction drawing;

KEY SKILLS

Design and Construction of Concrete works

Highway Construction ,earthwork & construction materials

EPC , Turnkey Contracting

Understanding NEC3,FIDIC Form of Contract

HSE management

Port construction; dredging

Project Management & Scheduling

Quality audit

Risk identification & Management

Site inspections

Structural engineering

Managerial Soft Skills

AutoCAD

Primavera P6