



G&G GEOFF
GRIFFITHS &
ASSOCIATES

Independent Material Testing & Inspection Laboratories

COMPANY PROFILE

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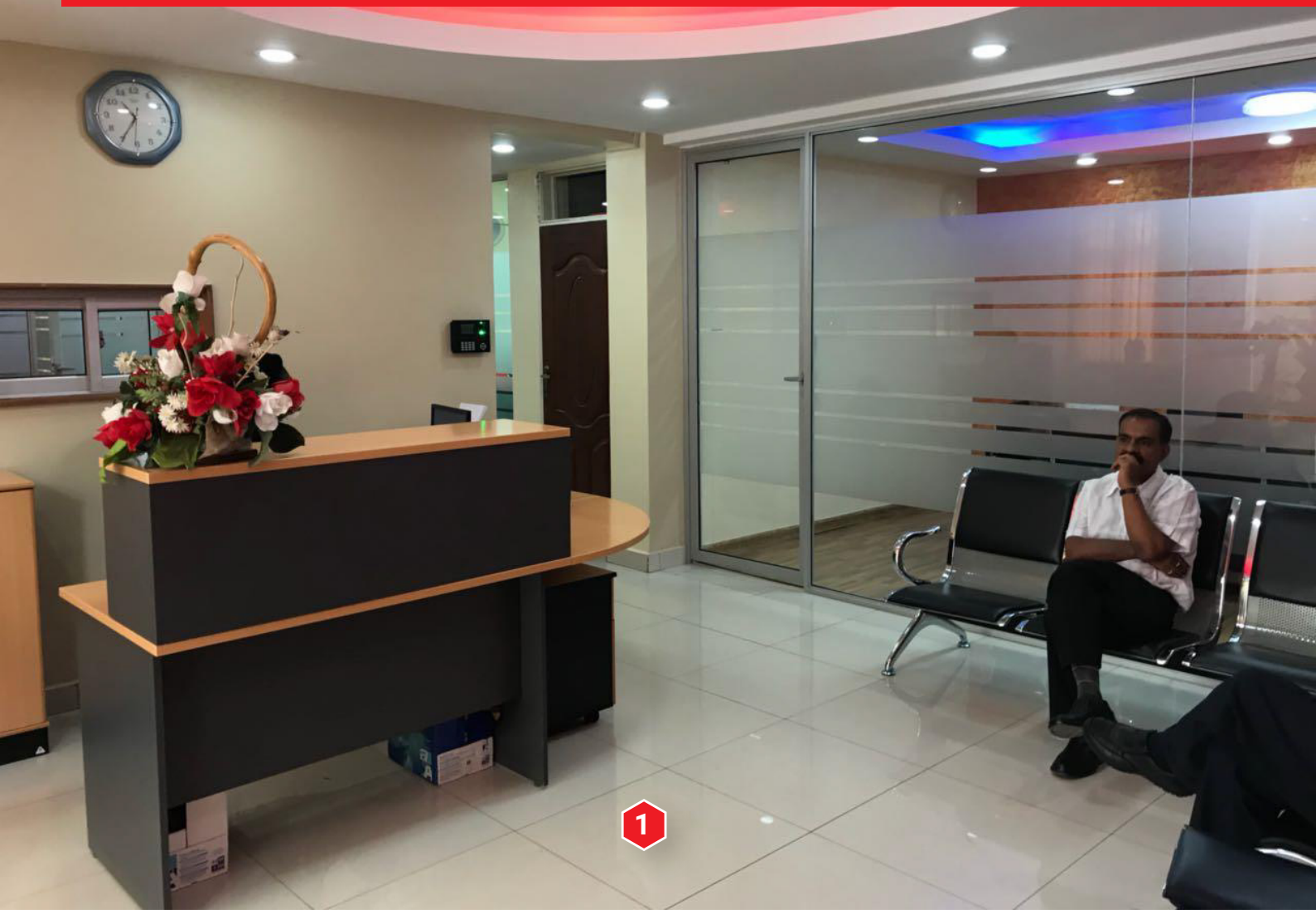


COMPANY HISTORY

WHO WE ARE

Geoff Griffiths & Associates is a privately operated and fully Independent Testing Laboratory, which was set up in 2004 to provide materials advice and independent testing services to the building and civil engineering industry. In this regard, a purpose built Laboratory has been constructed, and equipped, to undertake testing of soils, concrete and bituminous materials, together, with other components used in the construction industry.

The Laboratory is located within a large Industrial Complex located along Mombasa Road right next to Plaza 2000. The site has been, purposely, selected in order to provide easy access from the centre of Nairobi, Jomo Kenyatta International Airport, Wilson Airport and the main access routes leading to and from Nairobi to other parts of Kenya.



COMPANY SERVICES

WHAT WE OFFER

The services provided include, but are not restricted to:

- Materials Resource Surveys
- Quarry Investigations
- Post & Pre-Tender Evaluations
- Specialist Concrete Mix Designs
- Soils Analyses
- Foundation Engineering
- Design of Building Materials
- Materials Condition Surveys
- Design & Testing Pre-Cast Concrete
- Asphalt Mix Designs
- Chemical Analyses
- Design of QA plans and Audits
- Onsite Inspection & Quality Control Services
- Structural Condition Surveys
- Vendor Assessments
- Defect Analyses
- Expert Witness
- Non – Destructive Testing on Piles

The Management of the Company, having spent over fifty years in the construction industry, both in the United Kingdom and several overseas locations, including, Nigeria, Egypt, Dubai, The Congo, Hong Kong, Bahrain, Tanzania, Rwanda, Singapore, Ascension Island, Uganda and Bangladesh

We have a vast wealth of knowledge in materials testing and inspection. In this regard, we feel we are well equipped to deal with most materials related problems.

The practice operates from two laboratories with the central laboratories in Nairobi and a satellite laboratory in Mombasa which was set up to serve the coastal region together providing easy access to adjacent Borders. We have the technical expertise to deal with most material related problems and we are able to offer advice on any materials related issues.

COMPANY LABORATORIES
OUR FACILITIES





OUR OPERATIONS

Geoff Griffiths & Associates have been associated with the design and testing of most of the concrete used in the majority of the high rise buildings in Kenya, with mixes formulated to meet specified compressive strengths in excess of 70N/mm².

The company were the pioneers in the introduction of crushed rock sand used as fine aggregate in concrete and as a more economical way of reducing the overall cost of mixes compared to that of natural sand.

Set out as follows is a summary of the projects undertaken either as full-time or part-time attendance and where required the mobilization of personnel to work on projects from one of our mobile laboratories.

BUILDINGS

Kenya: 49000m² Modern Warehousing: Appointed by Africa Logistic Property to undertake Quality Control testing for Tatu City Earthworks.

Kenya: US Embassy: Retained by H-Young E.A Co. Ltd to offer Independent Testing Services for ISAT upgrade Project.

Kenya: Concrete Condition Survey of Westgate shopping mall after the Terrorist attack retained initially to undertake geotechnical investigations associated with the project and thereafter retained by the appointed concrete to undertake materials evaluation and concrete mix designs to be used in the Project. Subsequently we were appointed to undertake a condition survey of the building after the bombing by terrorists





PROJECTS & SPECIAL ASSIGNMENTS

Kenya: Mine Disposal Training Establishment. Nairobi: Appointed to undertake the quality control testing associated with the Project and to offer professional advice on the materials component of the project.

Sudan: Investigation of natural materials resources for the reconstruction of Juba Township, supported by the investigations of potential quarrying deposits.

U.A.E.: Appointed by Baker Tilly Meralis to carry out an evaluation of a proposed quarry development in Al Fujairah, United Arab Emirates.

Kenya: Provision of onsite Laboratory Services at Base Titanium Project-Kwale during the construction phase.

U.A.E: Appointed by Baker Tilly Meralis on behalf of Sheikh Rashid of UAE to carry out an evaluation of a proposed quarry development in Ras Al Khaimah, United Arab Emirates.

Southern Sudan: Retained by Arkel International to undertake site investigations and detailed study of soils intended for use in the construction of a military establishment.

Kenya: Ports Authority. Mombasa: Retained to undertake desk studies and concrete mix designs for the construction of an 85-metre-high Surveillance Tower undertaken by slip form concrete techniques. In addition, the concrete designs for the cast insitu piling operations. .

Kenya: Kisumu Oil Jetty: Appointed by Engineering (Seco) to undertake materials testing and concrete designs for the Project.

Kenya: Retained as Independent Materials Advisors for the supervision, testing and evaluation of materials including the design of self-compacting concrete used in the Port Expansion at Mombasa.

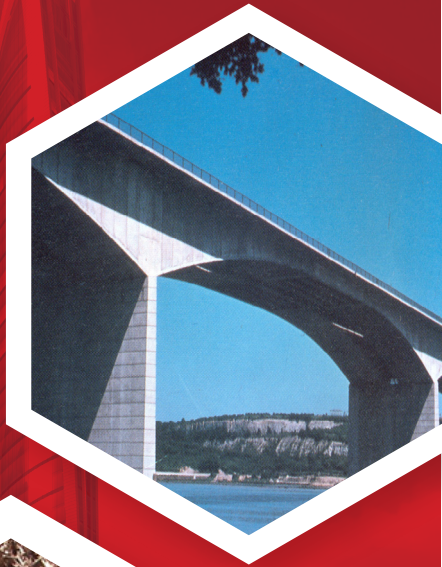
Kenya: Olkaria Geothermal Power Project: Appointed to undertake QA/QC program, including the overall control of an onsite materials testing laboratory purposely setup to design and monitor the materials used in the construction of the project.



PROJECTS UNDERTAKEN









MEMBERSHIPS AND ASSOCIATIONS

The Partnership and staff maintain membership of or liaison with the following:

- Institute of Civil Engineers.UK
- Chartered Institute of Highways & Transportation. UK
- The Institute of Asphalt Technology. UK
- American Concrete Institute
- The Concrete Society of UK
- The Institute of Quarrying.UK
- The Geological Society.UK
- The Association of Paving Technologists. USA
- ISO 9001:2015 accredited.

ISO 9001:2015

BUREAU VERITAS
Certification



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