SEMINAR ON PROFESSIONAL EXAMINATION AND ETHICS OCTOBER 2023

BY

ENGR. ROBERT NII LANTE LAMPTEY

FPMP, Fellow AAPM, CIPM, FPE-IET (GH), IFMA, ieMBA

A Training Facilitator, Professional Engineer, Building Technologist, Strategist, Consultant and a Missionary by calling

Engr. Robert Nii Lante Lamptey

Over 28 years of experience

- De'nnors Construction Services, Central Services Co., Public Works Department, uniBank, National Investment Bank, Ministry of Trade & Industry, GTI/Gold Coast Pioneers Construction, Anchor Ace Co. Ltd

Professional life

- IET-GH, IPMP GH, IFMA, CIOB, AAPM, CISCP, CIPM

Board/Committee/Councils served

- Accra Poly Academic Board, National Housing & Mortgage Finance Scheme Committee (MOF), Value for Money Technical Subcommittee (Jubilee House), Engineering Council Public & International Affairs, IET Ghana Finance Committee, Takoradi Technical University Programmes Advisory Committee, Strategic Planning & execution committee, High Sky College Board, IFMA Ghana Chapter Advisory Committee, Ghana Chamber of Construction industry Programmes Committee, etc.

Education

- Accra Polytechnic, PGSM, GCTU (Ongoing)

Training

- IET GH, Empretec, UNIDO, GIMPA, FES, IFMA, KNUST, National Banking College, uniBank, NIB, Ministry of Trade & Industry, Ghana National Fire Services, RICS-GhIS, GSA, FDA, RGD, ADR, etc.

Content

1. Objective of the Seminar
2. Introduction to IET GH & Engineering Council (EC), Ghana
3. 3 Big R's (Risk, Regulation, Returns)
4. Route to Membership registration
5. Requirements for Registration/licensing by IET GH/EC GH
6. Designation of Members by IET GH/EC GH
7. Membership application, Professional Examination (sample Que.), interviews
8. Engineering Market Today, factors & Influence
9. Code of Ethics

Seminar Objective

Introduction of Applicant's to:

- IET Ghana
- Engineering Council Ghana
- 3R's

To help Applicants know and meet the requirements of the Professional Examination & Ethics

Educate Applicants on Acts, LI, Standards, the Procederes before, during and after the Professional Examination & Ethics

Introduction to IET Ghana

Registered as the **Ghana Institution of Technician Engineers** under the Professional Bodies Registration Decree 1973, (NRCD 143), in 1986, and Gazette under Certification Number 23.

Rebranded to the **Institution of Incorporated Engineers** to conform to Global trends in the Engineering Profession.

Membership grew, Skills upgraded, Academic qualifications, Engineering Council, Ghana founded by an Act of Parliament, Engineering Council Act 2011, Act 819, then INSTITUTION OF ENGINEERING AND TECHNOLOGY, GHANA .

Introduction to IET Ghana

VISION

A professional Institution committed to the promotion of quality Engineering and Technology practice as a catalyst to national development.

MISSION

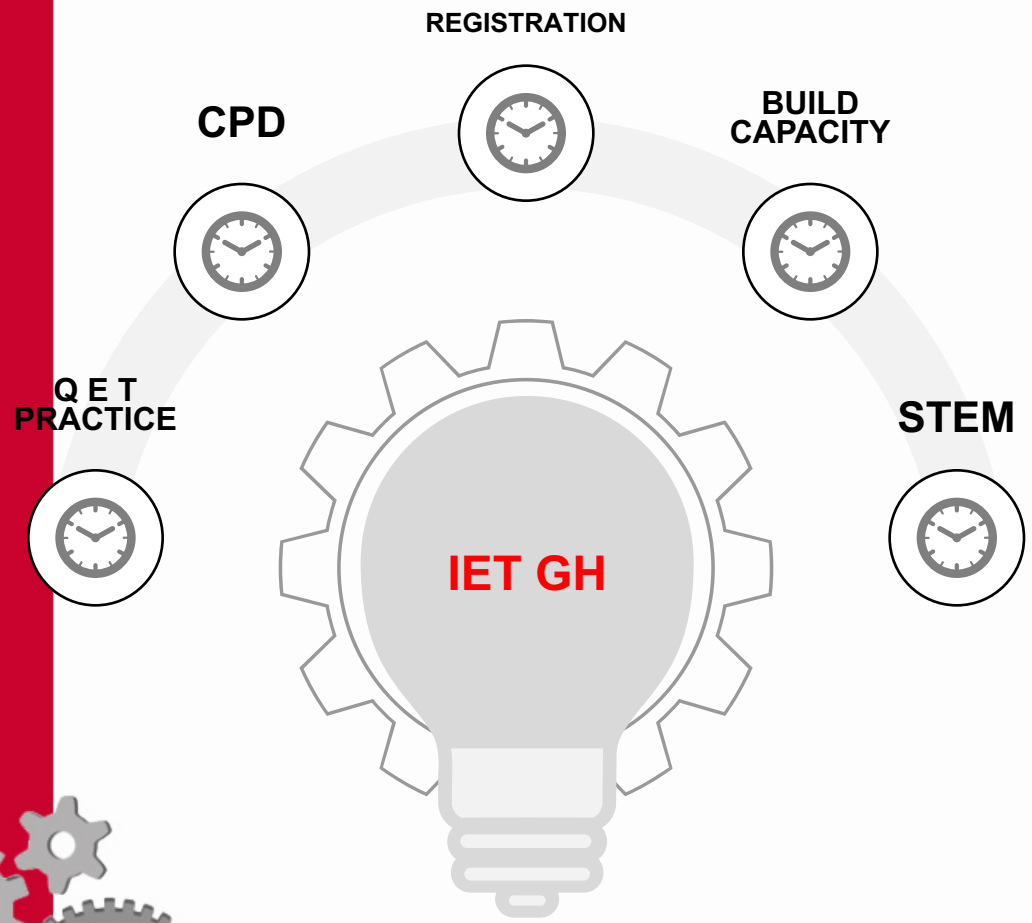
We exist to promote Engineering and Technology practice that equips members through the enhancement of professional development, strategic partnerships and influencing

STRATEGIC OBJECTIVE

The Institution of Engineering and Technology (IET) has the following strategic objectives:

1. Enhancing the professional capacity of all members.
2. Working in partnership with institutions towards the promotion of quality engineering practice.
3. Provision of responsible stewardship of the resources through the strengthening of institutional structures.
4. Influencing engineering and technology policy decisions at all levels of governance.

Introduction to IET Ghana



IET

Committed to the promotion of Quality Engineering and Technology practice

Plan and organize CPD for our Registered Engineers and Stakeholders/ Public

Register PE, PET, ET and Engineering Craftsman

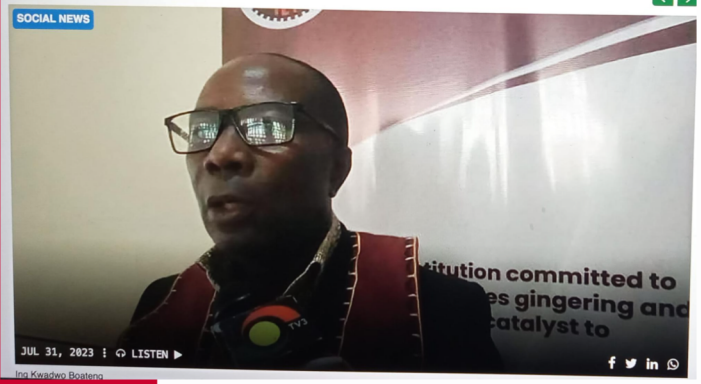
Enhance the capacity of feminine Professional Engineers, PET, ET, EC.

Promote STEM as a continuity planning strategy

IET Ghana press cuts

Consult professional engineers before building to prevent your building from collapsing — IET Ghana boss warns

By Beyonce Diamond Kpogli II Contributor



Visit: www.graphic.com.gh/showbiz
www.graphic.com.gh/graphicsports
www.graphic.com.gh/mirror

Daily Graphic, Thursday, September 28, 2023

Proper project management key to successful execution — IET President

By Emmanuel Bonney

PRESENT and successive governments have been urged to undertake proper project management by planning adequately with the resources at their disposal before embarking on infrastructural projects, the President of the Institute of Engineering and Technology, Ghana (IET-Gh), Henry Kwadwo Boateng, has said.

That, he said, would prevent cost overruns and projects from stalling midstream as a result of lack of funds, thereby leading to the wastage of money.

"Plan the project very well before you start the execution. When you are planning, you bring the requisite personnel and everything on board for it to be looked at carefully to see how viable it would become. Even the users of a project could be involved to make their inputs and other suggestions to fine-tune it. Thus, proper planning is very important," he said.

Proper planning, he said, prevented variations and other scope of works that might be added later and, thereby, bring about additional costs, altering the original budget for a project.

Henry Kwadwo Boateng — President, Institute of Engineering and Technology, Ghana

Mr Boateng told the *Daily Graphic* that it was quite worrying that huge sums of money were spent on projects that were initiated and abandoned along the way due to the lack of proper planning.

"They should embark on projects they can complete. This is something all governments must do because it looks like project continuity is not part of us," he said, and that doing too many projects at a time was not helpful.

He said over the years, it was sad that governments only rushed into beginning projects without proper planning.

"Governments just rush into projects without doing any proper project management and that resulted in the variation of projects and their costs," he said, adding that "this must change because we can't continue wasting money".

Abandoned projects

Mr Boateng appealed to the present and successive governments to endeavour to execute projects it could complete even when there was a change in leadership in the same party.

That, he said, was to ensure that projects were not abandoned and left to rot when there was a change of administration.

He said, for instance, that some projects initiated by former President John Agyekum Kufuor had still not been completed under the current New Patriotic Party administration while some projects started by the late Prof. John Evans Atta Mills were not completed under former President John Mahama during the National Democratic Congress regime.

Such practices, he said, led to the wastage of resources that could have been invested into other profitable ventures.

"So when you are in power, you should try to execute projects that you can complete because the failure to do that would result in additional cost. This is because when there is a change in government, even if it is the same party, trust me, most of the projects would be abandoned," he said.

He said the culture of continuity was not part of the body politic of Ghanaians and that interference of politicians by not allowing technocrats to work was also a problem.

"I pray that the Agenda 111 projects will be completed. They must try and finish all because some of the projects are as low as 20 per cent and 30 per cent, far behind schedule. It is not just putting up the facility; you must provide the equipment and personnel for it to function," he said.

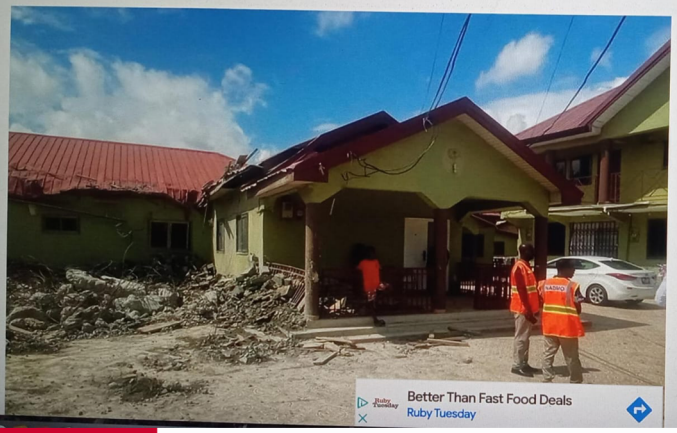
Governments, he said, must also not use projects to blackmail citizens by telling them that certain projects done halfway would continue once they were re-elected to stay in power.

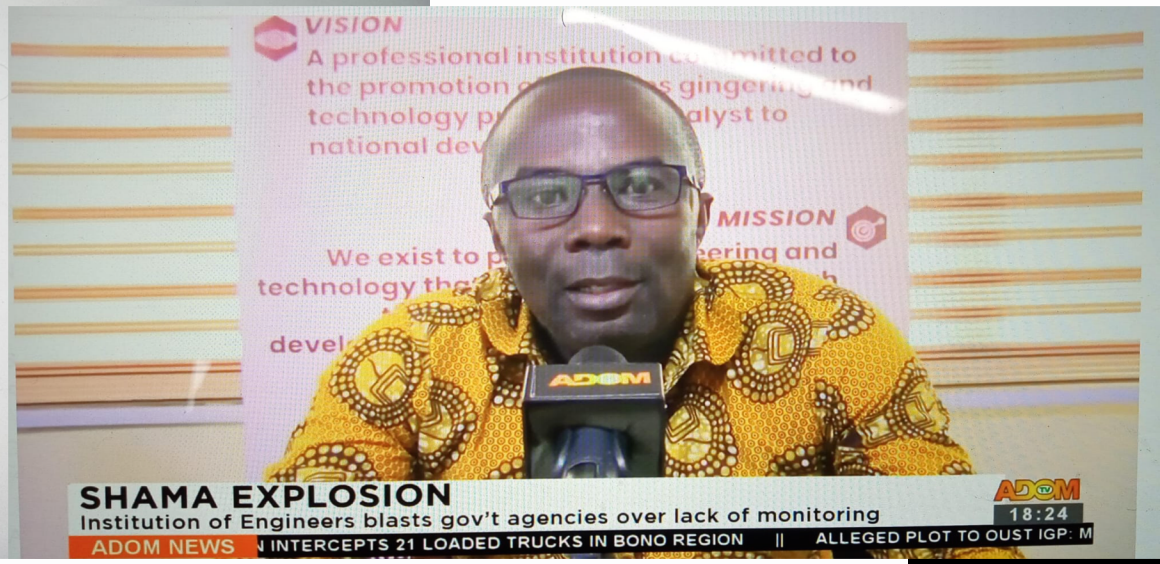
IET reacts to Ofankor building collapse

SOURCE Kodwo Mensah Aboroampa

September 25, 2023 8:49 pm

Facebook WhatsApp Twitter Telegram Email





IET Ghana Professional engagements

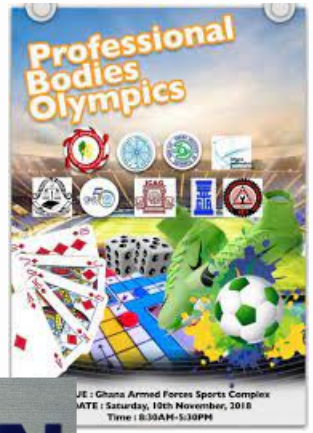
CTVET
COMMISSION FOR TECHNICAL AND VOCATIONAL EDUCATION AND TRAINING

TAKORADI TECHNICAL UNIVERSITY

GHANA CHAMBER OF CONSTRUCTION INDUSTRY

WUSC Ghana
November 8, 2021 ·

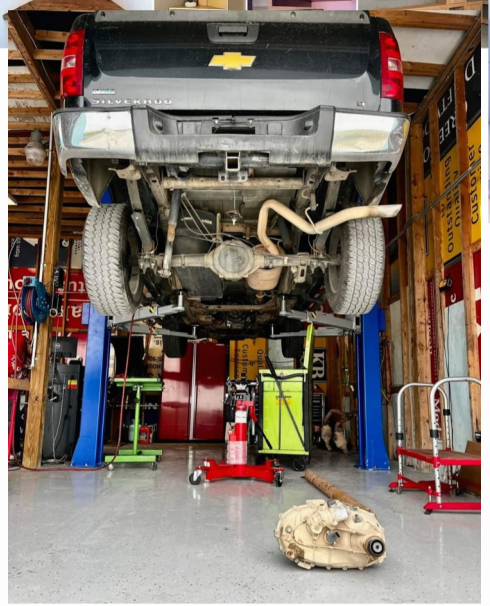
The Women in Engineering section of the Institution of Engineering and Technology in Ghana, IET-WiE and Advertising Association of Ghana, AAG under the INVEST Project will provide mentorship support to women in TVET. This is to ensure that skills learnt during the project, is not limited to TVET skills for employment but explored in terms of entrepreneurship by equipping these women with the knowledge of starting businesses which would impact more individuals by creating an avenue for training and employment.
#CHOOSETVET #WUSC #INVESTProjectByWUSC #INVESTINHER #WomenCan See less



IEEE GHANA SECTION
Fostering Competent Professionals in Ghana for Accelerated Development

IET GH

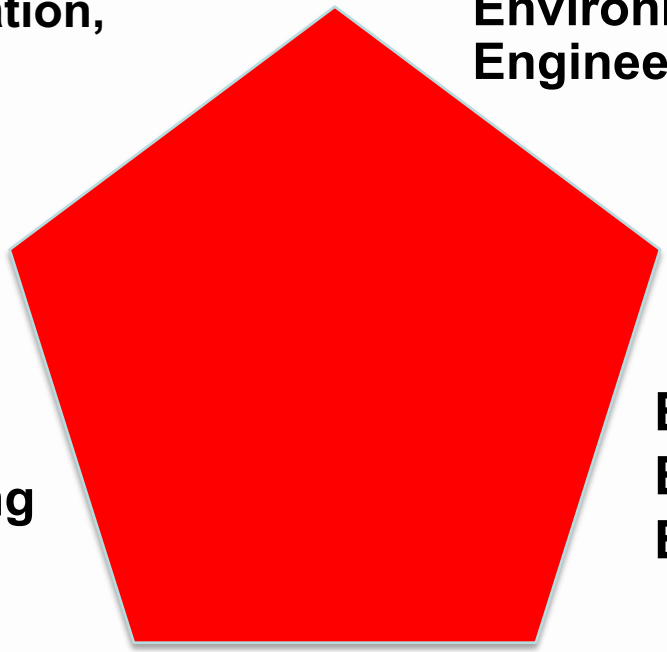
IET Ghana Divisions / Branches



IET Ghana Divisions / Branches

Electrical &
Electronic & Information,
Communication
Technology (ICT)

Chemical &
Environmental
Engineering



Building,
Construction &
Civil Engineering

Bio engineering and
Biomedical
Engineering

Mechanical (Plant, Production,
Automobile), Agricultural,
Marine Engineering

Introduction to Engineering Council (EC), Ghana

01. Establishment

AN ACT to establish an Engineering Council to regulate the practice of engineering and to provide for related matters was PASSED by Parliament and assented to by the President on 31st May, 2011.

02. Act 2011, (Act 819)

ENGINEERING COUNCIL ACT, 2011 (Act 819) states the functions of Council and recognizes two Professional Bodies in Ghana as the only licensing Institutions for Engineering practice

03. Licensing Bodies

- IET GH
- GhIE

04.Regulations 2020 (LI 2410)

Regulations 2020 (L. I. 2410), provides the enabling environment and authority for the Council to carry out its functions.

Engineering Council (EC), Ghana press cuts

www.engcouncilofghana.org

Ghana Standards Authority, Engineering Council collaborate to improve building standards

17th Jul 2023 | Source: GNA

ECONOMY HEADLINE

High cost of building materials affecting quality of work – Engineering Council

Engineering Council (EC), Ghana press cuts

www.engcouncilofghana.org

ENGINEERING COUNCIL

E-mail: engcouncilgh@gmail.com

Ministries - Accra
P. O. Box OS 3301
Osu- Accra
Tel: 0303975228/ 9

PRESS RELEASE

Our Ref: ECGh/BC/OA/4`PR
Your Ref:.....

September 26, 2023

FOR IMMEDIATE RELEASE

PRELIMINARY STATEMENT ON THE COLLAPSE OF A THREE-STOREY BUILDING IN GA NORTH MUNICIPAL ASSEMBLY, BEHIND OFANKOR MARKET, ACCRA

The attention of the Engineering Council has been drawn to the sudden collapse of a three-storey building under construction behind the Ofankor Market within the Ga North Municipality of Accra.

The Engineering Council through two of its collaborative agencies - National Disaster Management Organization (NADMO) and the Ghana Police Service were first to visit the site to undertake an initial assessment. Since the building was in a walled compound, strict instructions were issued to the caretaker of the project to keep the place locked and nothing interfered with on the site until Monday when a technical team from the Engineering Council was to visit. Unfortunately, by the time the team got to the site on Monday, the owners and caretakers had cleared and disposed of the entire debris away from the site.

It must be stated that with the current situation, detailed forensic investigations on the collapse will be more challenging. Together with its partners (Ghana National Fire Service, Ghana Police Service, National Disaster Management Organization, Local Government Service, Architects Registration Council as well as the various professional institutions within the built environment), the Engineering Council will nonetheless do its utmost to ensure that it undertake as much investigation as available debris, access to site and information from the necessary collaborative State entities will enable.

On this note, the Council wishes to remind the general public that anytime there is a disaster such as building collapse, the location becomes a crime scene and any attempt(s) to tamper with anything on site is also a crime and hampers effective investigations into the disaster.

The critical outcomes of this investigation will be shared with the relevant State authorities as well as general public together with recommendations to guide all affected parties.

The Engineering Council also wishes to assure the general public that investigations into the five building collapses that occurred between April and May this year are at various stages of completion. The Engineering Council will publish critical aspects of these reports of those investigations very soon for the attention of the general public.

While awaiting these outcomes, the Engineering Council wishes to urge all to remain calm. We also want to remind the general public that the Engineering Council Act, 2011 (Act 819) and the Engineering Regulations 2020 (LI 2410) enjoins all who are involved in the engineering space to constantly engage licensed engineering practitioners, firms and entities in the design, construction and supervision of all structures and services of engineering nature. Similarly, the Architects Act, Act 1969, NLCD 357 enjoins all developers to use qualified Architects and in good standing to design their buildings in Ghana.

The general public is hereby requested to take note and be guided accordingly.

CHAIRMAN, ENGINEERING COUNCIL
Accra
26th September, 2023

News

Engineering Council Investigates Ofankor 3-storey Building Collapse

IET GH

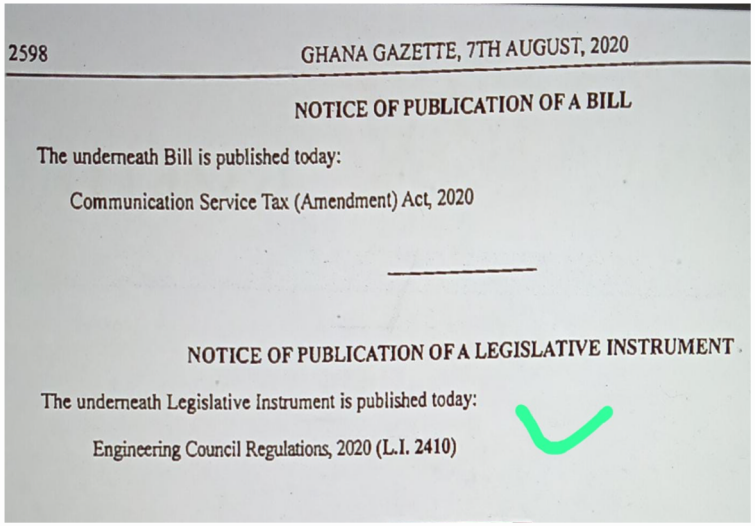
3 Big R's (Risk, Regulation, Returns)

- Reputational damages
- Lost of lives
- Being charged with negligence of duty
- Withdrawal of your license

Regulated by
- Acts 819, Act 2011
- Standards like the Ghana Building code
- Regulations eg. LI2410

Returns includes:
- Earning from property investment
- Income
- Job security

Acts & Regulations


2598 GHANA GAZETTE, 7TH AUGUST, 2020

NOTICE OF PUBLICATION OF A BILL

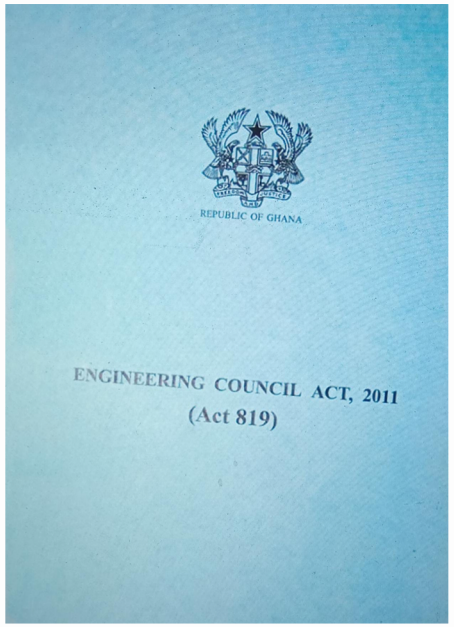
The underneath Bill is published today:

Communication Service Tax (Amendment) Act, 2020

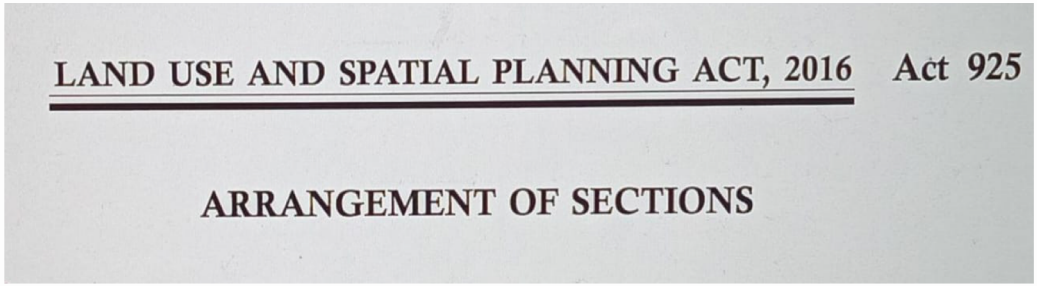
NOTICE OF PUBLICATION OF A LEGISLATIVE INSTRUMENT

The underneath Legislative Instrument is published today:

Engineering Council Regulations, 2020 (L.I. 2410)


REPUBLIC OF GHANA

ENGINEERING COUNCIL ACT, 2011
(Act 819)

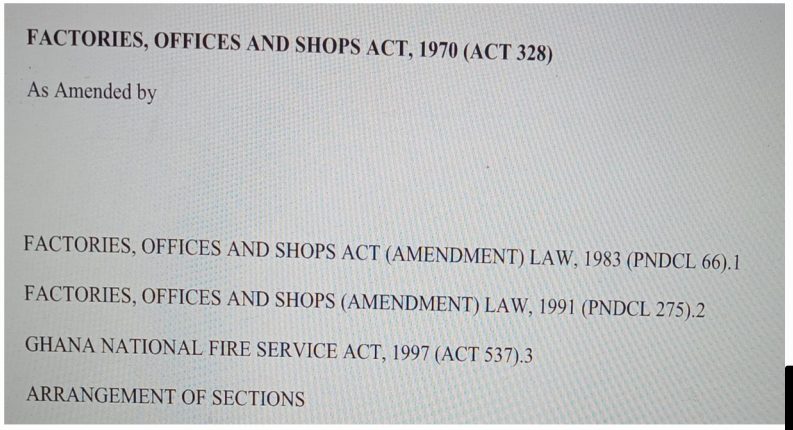

LAND USE AND SPATIAL PLANNING ACT, 2016 Act 925

ARRANGEMENT OF SECTIONS


GHANA STANDARDS AUTHORITY

2018
GhBC
GS 1207:2018

GHANA BUILDING CODE


FACTORIES, OFFICES AND SHOPS ACT, 1970 (ACT 328)

As Amended by

FACTORIES, OFFICES AND SHOPS ACT (AMENDMENT) LAW, 1983 (PNDCL 66).1

FACTORIES, OFFICES AND SHOPS (AMENDMENT) LAW, 1991 (PNDCL 275).2

GHANA NATIONAL FIRE SERVICE ACT, 1997 (ACT 537).3

ARRANGEMENT OF SECTIONS

IET GH

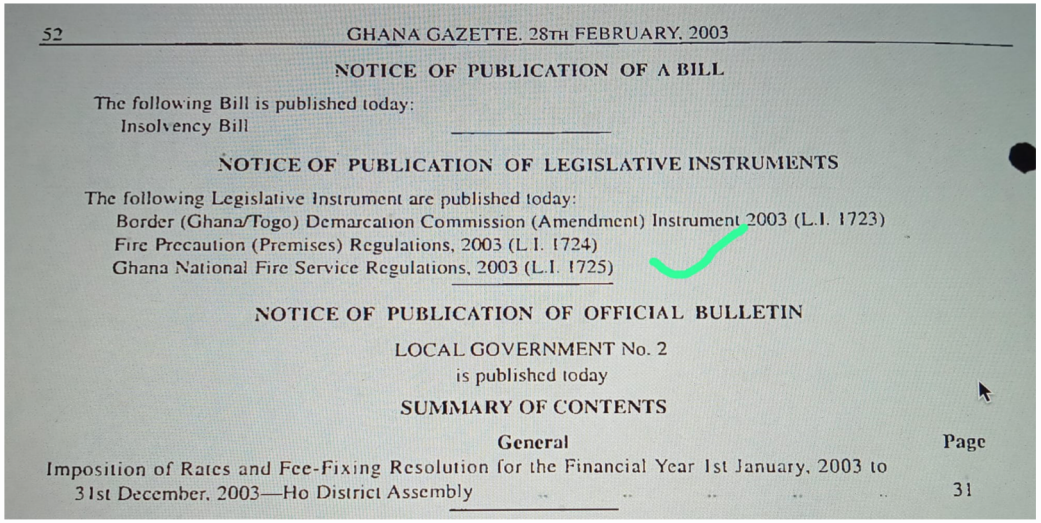
Regulations

FIRE PRECAUTION (PREMISES) REGULATIONS, 2003 (L.I 1724)

Introductory Text

Sections

- Regulation 1 – Premises for which fire certificates are required
- Regulation 2 – Owner or occupier to apply for fire certificate
- Regulation 3 – Exemption
- Regulation 4 – Application for fire certificate
- Regulation 5 – Issue of fire certificate
- Regulation 6 – Inadequate fire safety measures
- Regulation 7 – Content of the fire certificate
- Regulation 8 – Power to inspect premises
- Regulation 9 – Obstruction of fire inspector
- Regulation 10 – Adequacy of means of escape
- Regulation 11 – Fire alarm
- Regulation 12 – Fire fighting equipment
- Regulation 13 – Submission of complaint to District Fire Service Committee
- Regulation 14 – Owner, occupier to obtain approval



52 GHANA GAZETTE. 28TH FEBRUARY, 2003

NOTICE OF PUBLICATION OF A BILL

The following Bill is published today:
Insolvency Bill

NOTICE OF PUBLICATION OF LEGISLATIVE INSTRUMENTS

The following Legislative Instrument are published today:
Border (Ghana/Togo) Demarcation Commission (Amendment) Instrument 2003 (L.I. 1723)
Fire Precaution (Premises) Regulations, 2003 (L.I. 1724)
Ghana National Fire Service Regulations, 2003 (L.I. 1725)

NOTICE OF PUBLICATION OF OFFICIAL BULLETIN

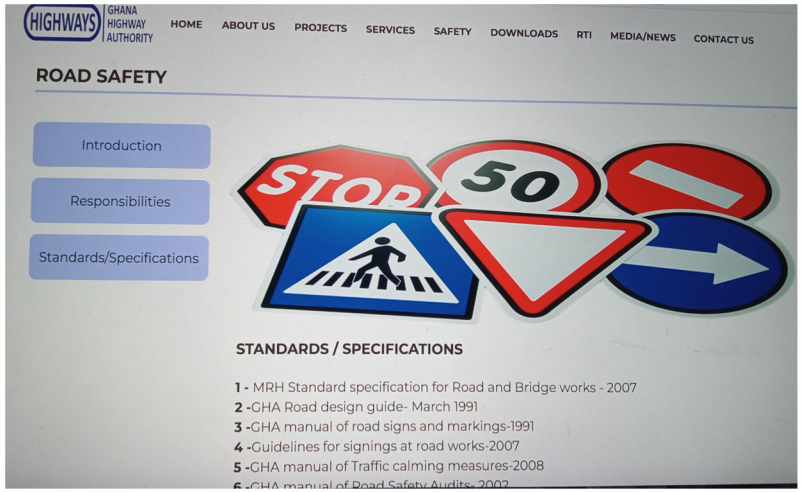
LOCAL GOVERNMENT No. 2
is published today

SUMMARY OF CONTENTS

General Page

Imposition of Rates and Fee-Fixing Resolution for the Financial Year 1st January, 2003 to 31st December, 2003—Ho District Assembly 31

ARCHITECTS ACT, 1969 (NLCD 357)



HIGHWAYS GHANA HIGHWAY AUTHORITY

HOME ABOUT US PROJECTS SERVICES SAFETY DOWNLOADS RTI MEDIA/NEWS CONTACT US

ROAD SAFETY

Introduction

Responsibilities

Standards/Specifications

STOP 50

STANDARDS / SPECIFICATIONS

1 - MRH Standard specification for Road and Bridge works - 2007
2 -GHA Road design guide- March 1991
3 -GHA manual of road signs and markings-1991
4 -Guidelines for signings at road works-2007
5 -GHA manual of Traffic calming measures-2008
6 -GHA manual of Road Safety Audits- 2002

REPUBLIC OF GHANA

MINISTRY OF TRANSPORTATION

Ghana Highway Authority
Road Safety and Environment Division

Traffic Calming Measures

Design Guideline

IET GH

Route to Membership registration

Professional Engineer

Definition

The Professional Engineer is an Engineer who is registered/licensed by the Engineering Council in that category to offer professional engineering services to the public in the field for which he is registered subject to the limitations prescribed by the Board of the Engineering Council.

Responsibility

The Professional Engineer develops solutions to engineering problems using his acquired knowledge and extensive experience and skills, with innovation and creativity. They take technical responsibility for complex systems with significant levels of risks. They have the authority to sign and stamp engineering works thus taking legal responsibility for them.

Professional Engineering Technologist

Definition

The Professional Engineering Technologist is an Engineering Technologist who is registered/ licensed by the Engineering Council in that category to offer services to the public in the field for which he is registered subject to the limitations prescribed by the Board of the Engineering Council.

Responsibility

The Professional Engineering Technologist develops solutions to engineering problems in their areas of specialization. They work in support of and under the technical direction of professional engineers. In areas of engineering where they are sufficiently knowledgeable, they may be permitted to take technical responsibility for systems with significant risks and also sign and stamp engineering documents all within limits as prescribed by the Board of the Engineering Council.

Route to Membership registration

Engineering Technician

Definition

An Engineering Technician is a Technician in an engineering related field who is registered/ licensed by the Engineering Council in that category to offer services to the public in the field for which he is registered subject to the limitations prescribed by the Board of the Engineering Council.

Responsibility

The Engineering Technician is a specialist builder of components, fabricator, trouble shooter and maintainer of existing systems and collector of data, etc. They have mastered their fields through education, laboratory and workshop practices. Their duties are mostly in the workshops, on construction sites and sales and work under supervision of professional engineers or professional engineering technologists and supervise craftsmen in their daily works. They are not permitted to sign and stamp engineering documents.

Engineering Craftsman

Definition

An Engineering Craftman is a Craftsman in an engineering related field who is registered/ licensed by the Engineering Council in that category to offer services to the public in the field for which he is registered subject to the limitations prescribed by the board of the Engineering Council.

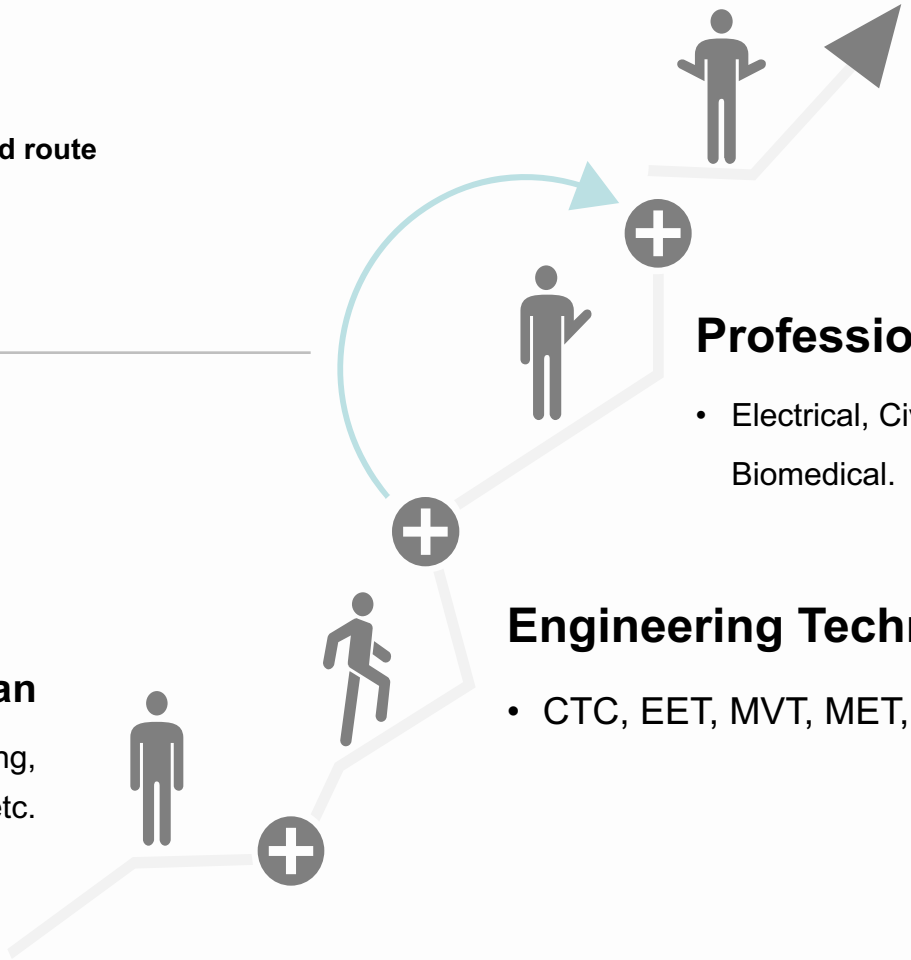
Responsibility

The Engineering Craftsman uses manual skills mastered through apprenticeship and workshop/site practices to provide works and services to the public. They may have minimal formal education and always work under supervision of professional engineers, professional engineering technologists and engineering technicians. They are not permitted to sign and stamp engineering documents.

Route to Membership registration

Engineering Council approved route

- IET GH Professionals
- GhIE Professional



Fellow PE

- Electrical, Civil, Mechanical, Hydro, Biomedical.

Professional Engineer

- Electrical, Civil, Mechanical, Hydro, Biomedical.

Engineering Technician

- CTC, EET, MVT, MET, etc

Engineering Craftsman

- Auto mechanic, Block laying, Carpentry, electronics, etc.

Qualification Criteria

Register	Qualification
Professional Engineer	a. BSc (Eng), B.Eng, MSc (Eng), M.Eng, BTech (Eng), MTech (Eng), P.Dip (Eng), PhD (Eng), Doc (Eng) accredited by the National Accreditation Board (NAB) or its equivalent approved for the purpose by the Council b. At least 3 years post-qualification engineeringexperience

Qualification Criteria

Register	Qualification
Professional Engineering Technologist	a. Higher National Diploma (HND) in Engineering accredited by the National Accreditation Board (NAB) or its equivalent approved for the purpose by the Council; or Electrical Engineering Technician Part III (EET III); or Mechanical Engineering Technician Part III (MET III); or Construction Technician Certificate Part III (CTC III); or Full Technological Certificate (FTC) b. At least 3 years post-qualification engineering experience

Qualification Criteria

Register	Qualification
Engineering Technician	a. National Certificate 2 (NC2) in accordance with Council for Technical and Vocational Education and Training (COTVET) Regulations, 2012 (LI 2195) or its equivalent approved for the purpose by the Council; or Electrical Engineering Technician Part I or II (EET I or EET II); or Mechanical Engineering Technician Part I or II (MET I or MET II); or Construction Technician Certificate Part I or II (CTC I or CTC II) b. At least 3 years post-qualification engineering experience

Qualification Criteria

Register	Qualification
Engineering Craftsman	a. Non-Formally Trained • NVTI Trade Test Grade 1 (NVTT1) in Engineering • NVTI Proficiency Cert. 2 (NVPC2) in Engineering b. Formally Trained • NVTI Cert. 2 (NVC2) in Engineering • National Proficiency Certificate 2 (NPC2) in Engineering in accordancewith (COTVET Regulations, 2012 (LI 2195) c. At least 3 years post-qualification engineeringexperience

Designation of Members by IET GH/EC GH

A. Members of the Professional Engineering classes of the Institution shall be entitled to use after their names the following abbreviated grade of membership appropriate to them.

i. Professional Engineer

a) Fellow - F.PE-IET (GH)

b) Professional Engineer - PE-IET (GH)

c) Professional Engineer (Interim) - PE(I)-IET (GH)

d) Professional Engineer (Trainee) - PE(T)-IET (GH)

ii. Professional Engineering Technologist

a) Fellow - F.PET-IET (GH)

b) Professional Engineering Technologist - PET-IET (GH)

c) Professional Engineering Technologist (Interim) - PET(I)-IET (GH)

d) Professional Engineering Technologist (Trainee) - PET(T)-IET (GH)

iii. Engineering Technician - ET-IET (GH)

iv. Engineering Craftsman

a) Master Craftsman - Mc. IET (GH)

b) Craftsman - EC.IET (GH)

Designation of Members by IET GH/EC GH

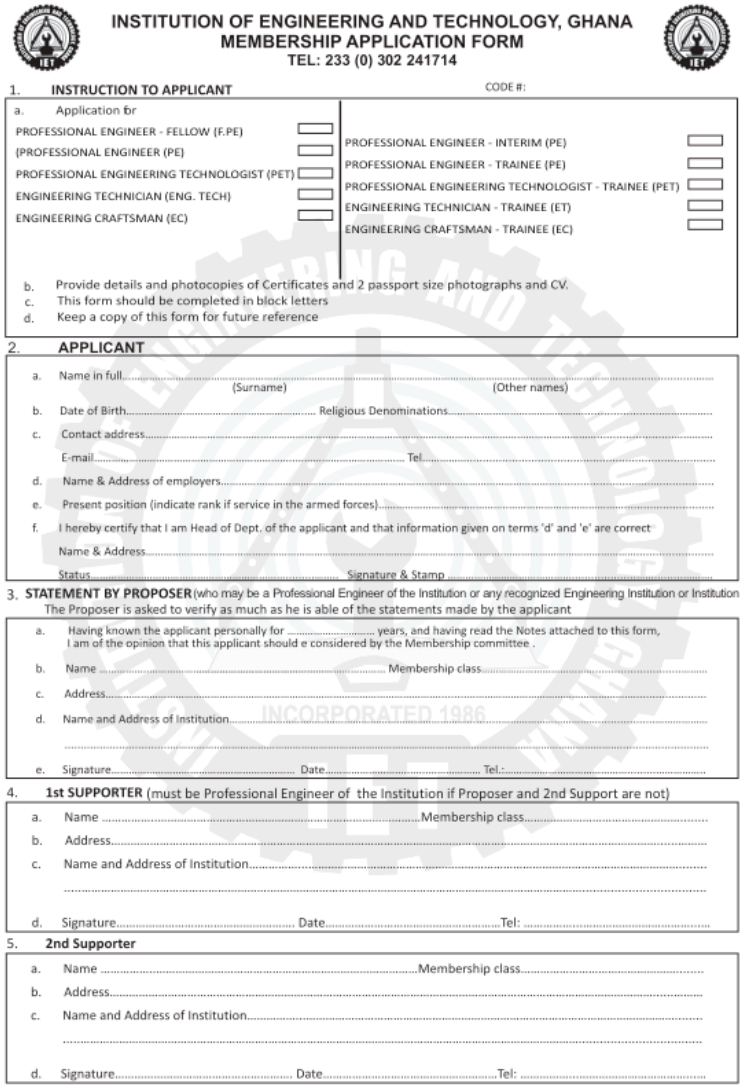
B. Confirmed Professional Engineers and Professional Engineering Technologists shall be entitled to use the prefix *"Engr"* before their names.

C. Non-Professional Engineering practitioners as listed below, shall be entitled to use the following abbreviated designation after their names:

i. Honorary Fellow - Hon.FIET (GH)

D. There shall be 'Student Members' at the various engineering-based training institutions who shall registered and categorized as such and prepared through various programmes for membership upon completion.

Membership application



INSTITUTION OF ENGINEERING AND TECHNOLOGY, GHANA
MEMBERSHIP APPLICATION FORM
TEL: 233 (0) 302 241714

1. INSTRUCTION TO APPLICANT — CODE #:

a. Application for

PROFESSIONAL ENGINEER - FELLOW (F.PE) ☐
(PROFESSIONAL ENGINEER (PE) ☐
PROFESSIONAL ENGINEERING TECHNOLOGIST (PET) ☐
ENGINEERING TECHNICIAN (ENG. TECH) ☐
ENGINEERING CRAFTSMAN (EC) ☐

PROFESSIONAL ENGINEER - INTERIM (PE) ☐
PROFESSIONAL ENGINEER - TRAINEE (PE) ☐
PROFESSIONAL ENGINEERING TECHNOLOGIST - TRAINEE (PET) ☐
ENGINEERING TECHNICIAN - TRAINEE (ET) ☐
ENGINEERING CRAFTSMAN - TRAINEE (EC) ☐

b. Provide details and photocopies of Certificates and 2 passport size photographs and CV.
c. This form should be completed in block letters
d. Keep a copy of this form for future reference

2. APPLICANT

a. Name in full..... (Surname) (Other names)
b. Date of Birth..... Religious Denominations.....
c. Contact address.....
E-mail..... Tel.....
d. Name & Address of employers.....
e. Present position (indicate rank if service in the armed forces).....
f. I hereby certify that I am Head of Dept. of the applicant and that information given on terms 'd' and 'e' are correct
Name & Address.....
Status..... Signature & Stamp.....

3. STATEMENT BY PROPOSER (who may be a Professional Engineer of the Institution or any recognized Engineering Institution or Institution
The Proposer is asked to verify as much as he is able of the statements made by the applicant

a. Having known the applicant personally for ..... years, and having read the Notes attached to this form, I am of the opinion that this applicant should e considered by the Membership committee .
b. Name ..... Membership class.....
c. Address.....
d. Name and Address of Institution.....
e. Signature..... Date..... Tel.:.....

4. 1st SUPPORTER (must be Professional Engineer of the Institution if Proposer and 2nd Support are not)

a. Name ..... Membership class.....
b. Address.....
c. Name and Address of Institution.....
d. Signature..... Date..... Tel: .....

5. 2nd Supporter

a. Name ..... Membership class.....
b. Address.....
c. Name and Address of Institution.....
d. Signature..... Date..... Tel: .....

Every application form has eleven portion but Applicants are expected to complete the first ten the eleventh portion will be completed by the IET GH office.

STATEMENT OF PROPOSER may be a Professional Engineer of the Institution or any recognized Engineering Institution or Institution. The Proposer is asked to verify as much as He / She is able of the statements made by the applicant.

1st Supporter must be Professional Engineer of the Institution if Proposer and 2nd Support are not.

Provide all details required in the form, photocopies of Certificates, 2 Passport size photographs and a current CV

The form should be completed in block letters.

Applicant must keep a copy of the completed form for future reference.

Applicants must certify that statement made on the application form are true and agree that if elected his/her Membership will be govern by the Articles of the Association and Bye laws of IET GH. Further undertake to pay entrance fee and subscription yearly.

Professional Examination (sample Question)

1. Ghana for sometime now has experience Bridge washout, floods and unauthorised developments within the Capital Cities. The Minister responsible has given an indication of the money needed to resolve the issues including the removal of unauthorised structures from the wáter way. As a Built Environment Professional, how holistically should the Country approach these issues?

2. The recent storm has affected some educational institution and some classroom block had their roofing members/element falling off and roofing sheets were flying. The Road Minister also outrage over the collapsed Nsuontem Bridge amisgt flooding related issue in the country. A renowned personality – Elizabeth Ohene opine in an article tagged “When the Engineering fails”. As a practicing Engineer with best practice interest, present a report on how the Stakeholders should address these issues.

3. Our country Ghana has experienced alot of Building Collapse with the latest being the Ofankor building collapse. The Engineering Council has instituted a Forensic investigation to establish the cause of structural collapse. Alot of Stakeholder have been engaged including other Professional Bodies in Ghana to determine the way forward. If admitted as a Professional Engineer, what will be your recommendation to the Engineering Council and how must the Council approach this situation.

Professional Examination (sample Question)

4. The success of any Industry depends on the type of Leadership they have and their ethics. What will you look out for when recruiting Engineers as a team leader?
5. Engineers normally focus on STEM and gives little or no attention to Leadership or Management skills development. What is the difference between leadership and management and which of this is relevant for good Engineering practice.
6. There are different areas of engineering specialization in the world of practice. Select an Engineering operation you know best; discuss the problems identified in your chosen field and list the different skills needed to be successful Engineer in that field.

2023 Examination Schedule & Interviews

- The Institution organizes examinations and Interviews at least quarterly but this year has seen a lot of professional admissions into IET GH and we thank the Organizers. The following is the tentative schedule for Q4:

1. Date for the exams - October 2023
2. Approval of result - October 2023
3. Publishing of the result - October 2023
4. Induction service - TBA

Kindly note that the Engineering Council of Ghana will organize subsequent examination and Interviews

The Engineering Market Today

- Roadmap
  - IT
  - Petrochemical
  - Government
  - Finance
  - Manufacturing
  - Pharmaceutical
  - Telecommunication

Drivers

- Focus on Core Business
- Reduced Costs
- Increased Flexibility
- Improved Service Quality
- Introduce Best Practice
- Establish a Vehicle for Change
- Risk Transfer

Factors & Influence

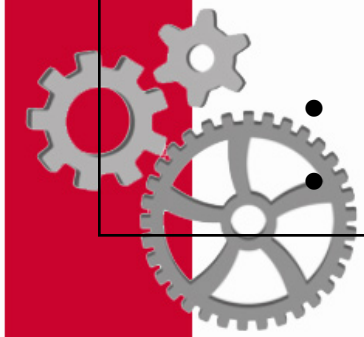
EXTERNAL FACTORS

- International standards (ISO)
- Local regulations
- Industry practices
- Market conditions
- Local commercial practices
- Ethics and corruption

PROFESSIONAL ENGINEER (PE)/ PROFESSIONAL ENGINERING TECHNOLOGIST (PET)

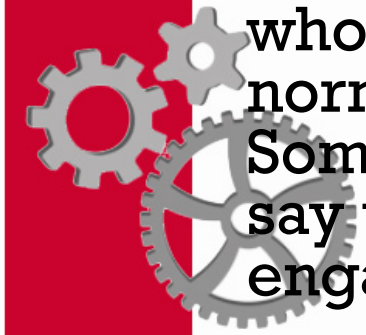
INTERNAL FACTORS

- Objectives
- Requirements
- Characteristics
- In-house capability



CODE OF ETHICS FOR PROFESSIONAL ENGINEERING PRACTITIONERS

- **Ethics** is defined as a moral philosophy or code of morals practiced by a person or group of people. An **example** of **ethics** is a the code of conduct set by a business, association or an Institution like IET Ghana.
- **Engineers** must perform under a standard of professional behavior that requires adherence to the highest principles of **ethical** conduct. **Engineers**, in the fulfillment of their professional duties, shall: Hold paramount the safety, health, and welfare of the public. Perform services only in areas of their competence.
- **We need** to be **ethical** because it defines who **we** are individually and as a society. These are norms of behavior that everyone **should** follow. … Some people may lie; others may not **do** what they say they will **do**; still others act irresponsibly and engage in harmful behavior.



CODE OF ETHICS BENCHMARKING

NSPE®

NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS

Preamble

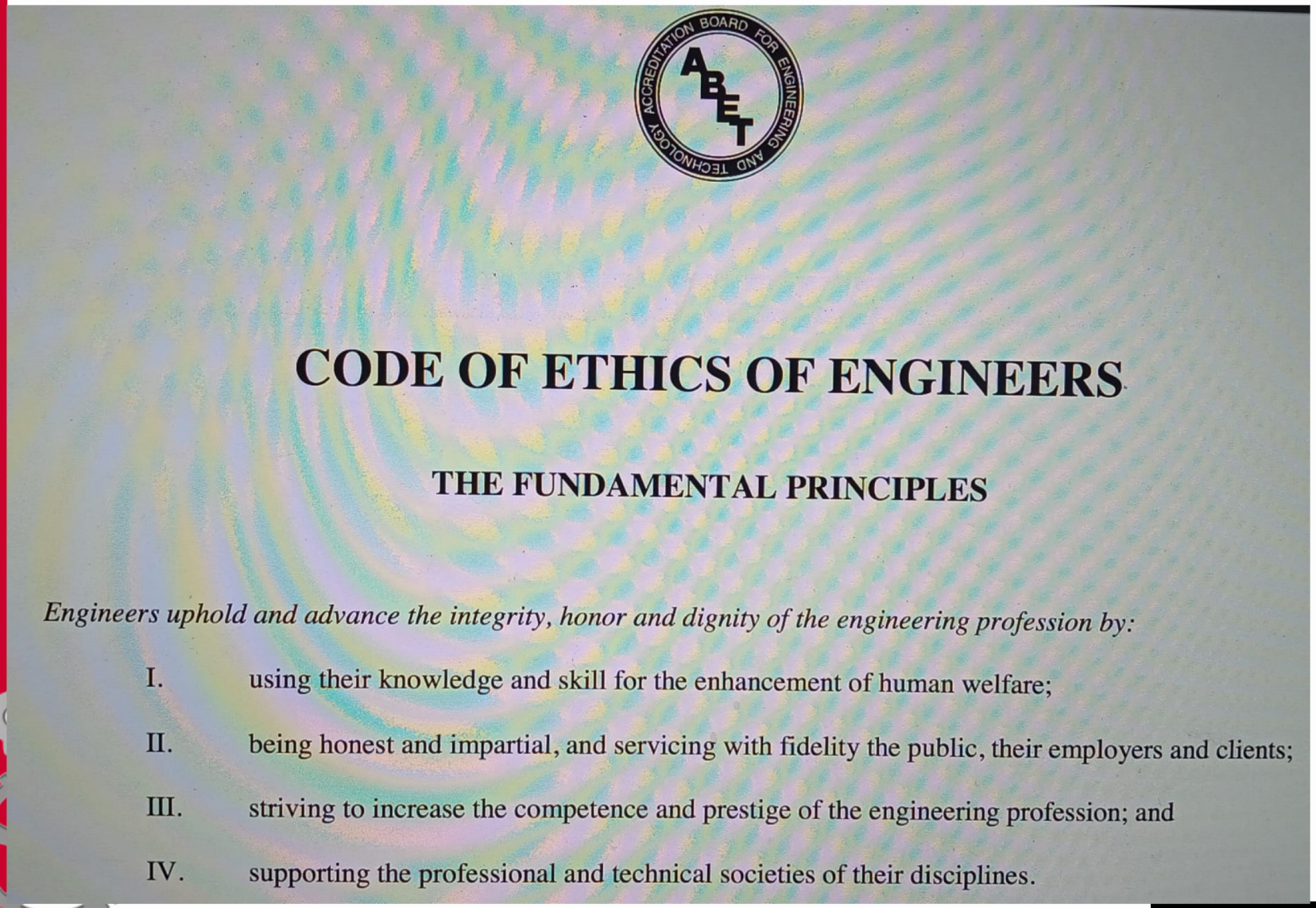
Engineering is an important and learned profession. As members of this profession, engineers are expected to exhibit the highest standards of honesty and integrity. Engineering has a direct and vital impact on the quality of life for all people. Accordingly, the services provided by engineers require honesty, impartiality, fairness, and equity, and must be dedicated to the protection of the public health, safety, and welfare. Engineers must perform under a standard of professional behavior that requires adherence to the highest principles of ethical conduct.

I. Fundamental Canons

Engineers, in the fulfillment of their professional duties, shall:

1. Hold paramount the safety, health, and welfare of the public.
2. Perform services only in areas of their competence.
3. Issue public statements only in an objective and truthful manner.
4. Act for each employer or client as faithful agents or trustees.
5. Avoid deceptive acts.
6. Conduct themselves honorably, responsibly, ethically, and lawfully so as to enhance the honor, reputation, and usefulness of the profession.

CODE OF ETHICS BENCHMARKING CONT'D



CODE OF ETHICS OF ENGINEERS

THE FUNDAMENTAL PRINCIPLES

Engineers uphold and advance the integrity, honor and dignity of the engineering profession by:

I. using their knowledge and skill for the enhancement of human welfare;

II. being honest and impartial, and servicing with fidelity the public, their employers and clients;

III. striving to increase the competence and prestige of the engineering profession; and

IV. supporting the professional and technical societies of their disciplines.

A. PREAMBLE TO OUR CODE OF ETHICS

1. Honesty, justice and courtesy form a moral philosophy, which associated with mutual interest among men, constitute the foundation of ethics. The engineering practitioner should recognize such a standard, not in passive observation, but as a set of dynamic principles guiding his conduct and way of life, his duty to practice his profession according to this Code of Ethics.

2. As the keystone of professional conduct is integrity, the engineering practitioner should discharge his duties with fidelity to the public, his employers, and clients, and with fairness and impartiality to all. It shall be his duty to interest himself in public welfare, and to be ready to apply his special knowledge for the benefit of mankind. He should uphold the honour and dignity of his profession and also avoid association with any enterprise of questionable character. In his professional conduct he should be fair, tolerant and courteous.

3. **This Code of Ethics shall be administered in tandem with any professional ethics as shall be applicable from the Engineering Council, Ghana.**

Content

B. Professional life

He/She shall not improperly solicit professional work either directly or indirectly or by an agent, nor shall he pay, by commission or otherwise any person who may introduce clients to him.

C. Relations with the Public

He/She shall refrain from expressing publicly an opinion on an engineering and technology subject unless he is informed as to the facts relating thereto.

D. Relations with Clients & Employers

He/She shall not undertake responsible engineering and technology practice for which he is not competent and qualified.

E. Relations with Other Engineering Practitioners

The Engineering Practitioner shall endeavour to protect the engineering and technology profession collectively and individually from misrepresentation and misunderstanding.

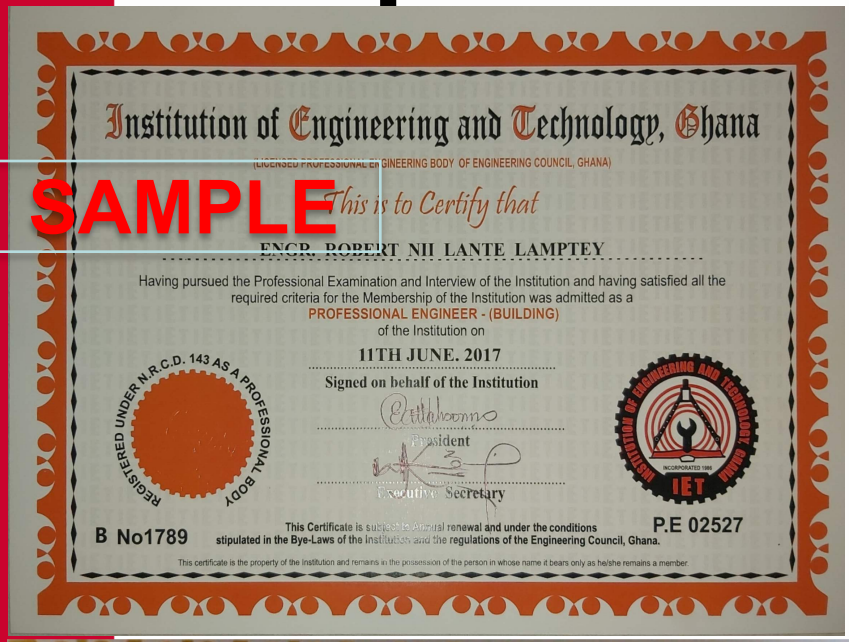
E. PENALTIES

- Any person who contravenes any provision of this Code shall be deemed to have committed professional misconduct and shall be dealt with under the relevant Clauses of the Constitution of the Institution.

QUOTES FOR ENGINEERS

- "The best way to predict the future is to create it." - Peter Drucker
- "Engineers are the world's problem solvers."
- "Engineers are the architects of innovation."
- "In the world of engineering, there is no place for shortcuts."
- "In engineering, creativity knows no bounds."
- "An engineer's greatest asset is their ability to adapt and evolve."
- "To succeed in engineering, one must have a love for learning that never ends."

Sample of the Certificates



IET GH CONTACT DETAILS

REGISTERED ADDRESS

Physical Address:	Chalet No. 6, Science Museum Compound (Opp. Tigo Head office), Accra
Postal Address:	P. O. Box AN 16147, Accra North.
GhanaPost GPS:	GHPOST GPS #GA-076-9192
Telephone Number:	(+233) 20 9222760, (+233) 24 4669900, (+233) 20 8239755
Website:	www.ietghana.org
Enquiries:	info@ietghana.org