

## SCHEDULE 1

### **CODE OF ETHICS & GUIDE TO PRACTICE UNDER THE CODE OF ETHICS**

#### Code of Ethics

A Professional Engineer

1. Owes certain duties to the public to his employers, to other members of his profession and to himself and shall act at all times with:
  - a. Fidelity to public needs;
  - b. Fairness and loyalty to his associates, employers, clients, subordinates and employees; and
  - c. Devotion to high ideals of personal honour and professional integrity
2. Shall express opinions on engineering matters only on the basis of adequate knowledge and honest conviction.
3. Shall have proper regard for the safety, health and welfare of the public in the performance of his professional duties.
4. Shall endeavour to extend public understanding of engineering and its place in society.
5. Shall not be associated with enterprises contrary to the public interest or sponsored by persons of questionable integrity, or which does not conform to the basic principles of the Code.
6. Shall sign and/or seal only those plans, specifications and reports actually prepared by him or under his direct professional supervision.
7. Shall act for his client or employer as a faithful agent or trustee.
8. Shall not disclose confidential information pertaining to the interests of his clients of employers without their consent.
9. Shall present clearly to his clients or employers the consequences to be expected if his professional judgment is over-ruled by non-technical authority in matters pertaining to work for which he is professionally responsible.

10. Shall not undertake any assignment which may create a conflict of interest with his clients or employers without the full knowledge of his clients or employers.
11. Shall not accept remuneration for services rendered other than from his client or employer.
12. Shall conduct himself towards other professional engineers with courtesy, fairness and good faith
13. Shall not compete unfairly with another engineer by attempting to obtain employment, advancement or professional engagements by competitive bidding, by taking advantage of a salaried position or by criticizing other engineers.
14. Shall undertake only such work as he is competent to perform by virtue of his training and experience.
15. Shall not advertise his work or merit in a self-laudatory manner, and shall avoid all conduct or practice likely to discredit or unfavourably reflect upon the dignity or honour of the profession.
16. Shall advise his Association or Institution or the Council of any practice by another Professional Engineer which he believes to be contrary to the Code of Ethics.

## GUIDE TO PRACTICE UNDER THE CODE OF ETHICS

### GENERAL

- Article 1. A Professional Engineer owes certain duties to the public, to his employers, to other members of his profession and to himself and shall act at all times with:
- a. Fidelity to public needs;
  - b. Fairness and loyalty to his associates, employers, clients, subordinates and employees; and
  - c. Devotion to high ideals of personal honour and professional integrity

## DUTIES OF THE PROFESSIONAL ENGINEER TO THE PUBLIC

### A Professional Engineer

- Article 2 shall express opinions on engineering matters only on the basis of adequate knowledge and honest conviction.
- a. He shall ensure, to the best of his ability, the statements on engineering matters attributed to him are not misleading and properly reflect his professional opinion;
  - b. He shall not express publicly or while he is serving as a witness before a court, commission or other tribunal opinion on professional engineering matters that are not founded on adequate knowledge and honest conviction.
- Article 3. shall have proper regard for the safety health and welfare of the public in the performance of his professional duties.
- a. He shall notify the proper authorities of any situation which he considers, on the basis of his professional knowledge, to be a danger to public safety or health.
  - b. He shall complete, sign or seal only those plans and/or specifications which reflect proper regard for the safety and health of the public.
- Article 4. shall endeavour to extend public understanding of engineering and its place in society.
- a. He shall endeavour at all times to enhance the public regard for, and its understanding of his profession by extending the public knowledge thereof and discouraging untrue, unfair or exaggerated statements with respect to professional engineering.
  - b. He shall not give opinions or make statements on professional engineering projects connected with public policy where such statements are inspired or paid for by private interests unless he clearly discloses on whose behalf he is giving the opinion or making the statements.

Article 5. shall not be associated with enterprises contrary to the public interest or sponsored by persons of questionable integrity, or persons who do not conform to the basic principles of the code.

- a. He shall conform with registration laws in his practice of engineering.
- b. He shall not sanction the publication of his reports in part or in whole in a manner calculated to mislead and if it comes to his knowledge that they are so published, he shall take immediate steps to correct any false impressions given by them.

Article 6 . shall sign and/or seal only those plans, specifications and reports actually prepared by him or under his direct professional supervision.

#### DUTIES OF THE PROFESSIONAL ENGINEER TO HIS CLIENT OR EMPLOYER

A Professional Engineer

Article 7. shall act for his client or employer as a faithful agent or trustee.

- a. He shall be realistic and honest in all estimates, reports, statement and testimony.
- b. He shall admit and accept his own errors when proven obviously wrong and refrain from distorting or altering the facts in an attempt to justify his decision.
- c. He shall advise his client or employer when he believes a project will not be successful.
- d. He shall not accept work outside employment to the detriment of his regular work or interest, or without the consent of his employer.
- e. He shall not attempt to attract an engineer from another employer by unfair methods.
- f. He shall engage, or advise engaging experts and specialists when such services are in his client's or employer's best interests.

- Article 8. shall not disclose confidential information pertaining to the interests of his clients or employers without their consent.
- a. He shall not use information coming to him confidentially in the course of his assignment as a means of making personal gain except with the knowledge and consent of his client or employer.
  - b. He shall not divulge, without official consent, any confidential findings resulting from studies or actions of any commission or board of which he is a member or for which he is acting.
- Article 9. shall present clearly to his clients or employers the consequences be they of a safety, environment, quality, operational or financial nature if his professional judgment and advice is not accepted and overruled.
- Article 10. shall not undertake any assignment which may create a conflict of interest with his clients or employers without the full knowledge of his clients or employers.
- a. He shall inform his client or employer of any business connections, interests or circumstances which may be deemed as influencing his judgment or the quality of his services to his client or employer.
  - b. When in public services as a member, advisor or employee of a government body or department, he shall not participate in considerations or actions with respect to services provided by him or his organisation in private engineering practice.
  - c. He shall not solicit or accept an engineering contract from a governmental body on which a principal or officer of his organization serves as a member.
- Article 11. shall not accept remuneration for services rendered other than from his client or employer.
- a. He shall not accept compensation from more than one interested party for the same service or for services pertaining to same work, under circumstances that may involve a conflict of interest, without the consent of all interested parties.

- b. He shall not accept any royalty or commission on any artistic or process used on the work for which he is responsible without the consent of his employer.
- c. He shall not undertake work at a fee or salary below the accepted standards of the profession in the area.
- d. He shall not tender on a competitive work upon which he may be acting as a consulting engineer.
- e. He shall not act as a consulting engineer in respect of any work upon which he may be the contractor.

#### DUTIES OF THE PROFESSIONAL ENGINEER TO THE PROFESSION

##### A Professional Engineer

- Article 12. shall conduct himself towards other Professional Engineers with courtesy, fairness and good faith.
- a. He shall not accept any engagement to review work of another Professional Engineer for the same employer or client except with the knowledge of such engineer, unless such engineer's engagement on the work has been terminated.
  - b. He shall not maliciously injure the reputation or business of another Professional Engineer.
- Article 13. shall not compete unfairly with another engineer by attempting to obtain employment, advancement or professional engagement by competitive bidding, by taking advantage of a salaried position, or by criticizing other engineers.
- a. He shall not attempt to supplant another engineer in a particular employment after becoming aware that definite steps have been taken toward the other's employment.
  - b. He shall not offer to pay, either directly or indirectly, any commission, political contribution or a gift or other consideration in order to secure professional engineering work.

- c. He shall not solicit or submit engineering proposals on the basis of competitive bidding.
- d. He shall not use equipment, supplies, laboratory or office facilities of his employer to carry on outside private practice without consent.

Article 14. shall undertake only such work as he is competent to perform by virtue of his training and experience.

- a. He shall not misrepresent his qualifications.

Article 15. shall not advertise his work or merit in a self-laudatory manner, and shall avoid all conduct or practice likely to discredit or unfavourably reflect upon the dignity or honour of the profession.

- a. Circumspect advertising may be properly employed by the Engineer to announce his practice and availability. Only those media shall be used as are necessary to reach directly an interested and potential client or employer, and such media shall in themselves be dignified, reputable and characteristically free of any factor or circumstance that would bring disrepute to the profession or to the professional using them. The substance of such advertising shall be limited to fact and shall contain no statement or offer intended to discredit or displace another engineer, either specifically or by implication.

Article 16. shall advise his Association or Institution of the Council of any practice by another Professional Engineer which he believes to be contrary to the Code of Ethics.

#### DUTIES OF THE PROFESSIONAL ENGINEER TO THE ENVIRONMENT

A Professional Engineer

Article 17 shall take due account of disaster prevention, mitigation and recovery methods during the exercise of his responsibility.

Article 18. shall in recognizing the importance of environmental factors shall strive to accomplish the objectives of their assignments with the most efficient use of the natural resources and endeavour to minimize the consumption of energy, reduce waste and pollution and encourage recycling.

Article 19. shall promote the principles and practices of sustainable development while taking into account the present and future generation.