

ZIMBABWE ASSOCIATION OF BOREHOLE SURVEYORS - CODE OF PRACTICE

1. Introduction

Surveyors are experts at measurement and use mathematics, physics, geology, hydrology and specialized equipment to measure, analyze and present information about the ground, and structures on it both surface and sub surface. Generally, surveyors are the first to commence fieldwork on a project. They will use their measurements to prepare plans, reports, maps and recommendations for other professionals, like drillers, project managers and researchers. This information is also useful to the public and clients for decision making.

The Surveyor's role is in the public interest and poses several ethical obligations with regard to the exercise of professional duties. Clients, the community and the public at large must be able to rely on the objectivity and integrity of the Surveyor in rendering professional opinions regarding spatial information and data. Professional Surveyors recognize that their ethical responsibilities extend to the community, public, to their clients and employers, to their peers, and to their employees. Accordingly, they acknowledge the need for integrity, skill, independence, care, competence, and a sense of duty.

The Code of Practice for Surveyors provides benefits for consumers of spatial information including survey services specifically, and to the community in general. The record of surveys through the data depicting those surveys provides for public confidence in surveying and Surveyors. The Code of Practice for Surveyors may be supported by a range of technical standards and a level of directions and guidelines in support of the accepted rules governing the practice of surveying.

In pursuance of the above, the Zimbabwe Association of Borehole Surveyors of Zimbabwe (The Association) has seen it fit to develop The Association's Code of Practice for its Borehole Surveyors in the best interest of its Surveyors, the community, the public clients, employers and employees.

All terms used in this Code are intended to have the same meaning as those terms and definitions contained within the constitution pertaining to The Zimbabwe Association of Borehole Surveyors. The term '*Surveyor*' used within this Code shall refer to all '*registered*' persons as defined under the constitution of The Zimbabwe Association of Borehole Surveyors.

1.1. The Profession

Professionals are distinguished by certain characteristics including:

- mastery of a particular intellectual skill, acquired by education and/or training;
- acceptance of duties to the community as a whole in addition to duties to the client or employer;
- an outlook which is essentially objective; and
- rendering personal service to a high standard of competence, conduct and performance, for which they can be personally liable.

1.2. The Public Interest

Clients, the public and the general community are very vulnerable and are exposed to risks and losses associated with failures in groundwater projects. The Surveyor's role in the public interest therefore poses several ethical obligations with regard to the exercise of professional duties. Clients, the community and the public at large must be able to rely on the objectivity and integrity of the surveyor in rendering professional opinions regarding spatial information, groundwater inferences and data. Professional surveyors recognize that their ethical responsibilities extend to the community, public, to their clients and employers, to their peers and to their employees. Accordingly, they acknowledge the need for integrity, skill, independence, care and competence and a sense of duty.

1.3. Reasons For a Code

The Code of Practice for Surveyors provides benefits for consumers of spatial information including survey services specifically and to the community in general. The record of surveys through the data depicting those surveys provides for public confidence in surveying and Surveyors. The Code of Practice for Surveyors may be supported by a range of technical standards and a level of directions and guidelines in support of the accepted rules governing the practice of surveying.

2. The Code

2.1. Survey Standards

Surveyors shall abide by the survey standards and survey guidelines prescribed at an international, national and state level as they apply to surveys being undertaken by the Surveyor.

2.2 Professional Competence

In general, Surveyors shall assist in maintaining the integrity and competence of the surveying profession, their own competence and also improving survey systems, and must:

- (a) Abide by the principles and standards of professional practice and apply best practice.
- (b) Not accept assignments beyond the Surveyor's professional competence, unless making satisfactory arrangements to engage persons appropriately qualified. These arrangements will address the question of responsibility and liability to the client.
- (c) Be competent and maintain competence to ensure the capacity of the Surveyors to continue to provide high quality advice to the client and to safeguard the community interest.
- (d) Maintain, for as long as is practicable and for a reasonable time, adequate records directly pertinent to the surveys undertaken, whilst in control of those records.
- (e) At all times, serve the community, public, client or employer with integrity and diligence and to the best of their knowledge and ability.
- (f) Not accept assignments that a competent surveyor could not reasonably expect to complete in a timely and professional manner.
- (h) Use internationally and nationally recognized survey methods, machines and equipment.

2.3. Professional Conduct

Surveyors shall assist in preventing unauthorized practice of the profession, and shall:

- (a) Only sign a certificate, report, or plan of action relating to work that was completed and prepared by the Surveyor personally or under the Surveyor's supervision.
- (b) Assume professional responsibility for all works carried out under their control and direction.
- (c) Where the Surveyor becomes aware of a significant error in a survey undertaken by the Surveyor, correct the error.
- (d) Not knowingly enter into any arrangement that would enable any unauthorized person or unauthorized body corporate to practice the profession of surveying directly or indirectly.
- (e) Inform their clients or any relevant party of any conditions, requirements, limitations or assumptions arising from the implementation of their instructions or enquiries or imposed from any other source as may affect the conduct of the work, or relate to or qualify the data provided as a result of that work.
- (f) Not knowingly make false or misleading statements in relation to the practice of surveying.
- (g) Take all necessary steps to complete instructions promptly and inform clients of any significant delays, the reasons for those delays, and any actions to be taken to rectify same.
- (h) Not claim the work of another person, body or authority as their own.
- (i) Not falsify any report, document or data or knowingly misuse any data or deliberately misuse their position to achieve a predetermined result which is:
 - (i) Inconsistent with normally accepted survey practice; or
 - (ii) Has been specified by the client or a third party.
- (j) Not knowingly become an accessory to a misdemeanor by failing to report what appears to be a breach of an Act or Regulation.
- (k) Employ the expertise of others when their knowledge and ability are inadequate for addressing specific issues.
- (l) Act in accordance with the Codes of Ethics of the relevant professional associations.
- (m) Consider the appropriate level of assurance for the surveying service being provided by the surveyor.
- (n) Charge reasonable fees commensurate with the services rendered.

2.4. Personal Conduct

Surveyors shall maintain the dignity of the profession in association with clients and colleagues, and shall:

(a) At all times abide by the highest moral, ethical, business and professional standards and should avoid any conduct which would knowingly or reasonably be expected to bring the profession into disrepute.

(b) Not further the application for registration and endorsement by The Association of any person known by the Surveyor to be unqualified or unsuitable for such advancement.

(c) Not knowingly make false or misleading statements which would injure another person or Surveyor.

(d) Fully co-operate with any request for information or directives, where a complaint has been lodged or a prima facie breach of the Code of Practice for Surveyors has been determined, unless advised or prevented from doing so for legal reasons.

2.5. Client Relations

Surveyors shall preserve the confidences of clients and regard as privileged, all information regarding the affairs of clients, and shall:

(a) Maintain confidentiality with respect to the client's business affairs.

(b) Act with loyalty to clients and not take any action which would serve to disadvantage the lawful and correct interests of their client save that they should exercise a duty of disclosure where such is necessary in the interests of integrity or in the public interest generally.

(c) Where possible injury could occur to the public, recognize the interests of the community as being paramount and resolution should be sought within the area of responsibility or jurisdiction of the Surveyor.

(d) Establish and maintain a system, within their company, firm or organization, for the internal resolution of disputes with clients or other members of the public affected by the Surveyor's professional conduct.

(e) Where a dispute relates to the Surveyor's professional conduct, as defined herein, provide the complainant with a written statement to the effect that if they are dissatisfied with the outcome of the internal dispute resolution process, the complainant may take their complaint to The Association. Such a statement is to be accompanied by all current contact details of the Executive Committee.

2.6. Conflict of Interest

Surveyors shall at all times act with propriety and exercise unbiased independent professional judgment on behalf of clients, and should represent clients competently, and shall:

(a) Where possible, avoid or attempt to manage, conflicts of interest and compromising situations.

(b) Disclose to clients any potential conflicts of interest, affiliations, or prior involvement that could impair the quality of services to the client.

2.7. Employees

Surveyors, as employers, shall:

(a) Assume responsibility for all work carried out by their professional and other staff and, where appropriate, by contractors and subcontractors.

(b) Assist their employees to achieve their optimum levels of technical or professional advancement in relation to the requirements of the position in which they have been employed.

(c) Ensure their employees have working conditions and remuneration at least in accordance with relevant awards or employment contracts.

(d) Cultivate integrity and an understanding of the professional obligations of Surveyors to the community in their employees.

(e) Give their employees the appropriate and necessary tools of trade and resources to enable them to carry out their duties effectively.

2.8. Natural And Built Environment

Surveyors shall approach environmental concerns with perception, diligence and integrity, and shall:

(a) Develop and maintain a reasonable level of understanding of environmental issues and the principles of sustainable and community development.

(b) Bring any matter of concern relating to the physical environment and sustainable development to the attention of their clients or employers.

(c) Include the principles of environmental sustainability among the essential factors used for project evaluation.

(d) Where possible, ensure that environmental assessment, planning and management are integrated into projects that are likely to impact on the environment.

(e) Respect, preserve and uphold local customs, values and traditions or any such in communities and public places.

2.9. Business Practice

Surveyors shall maintain appropriate standards of ethical business practice and shall:

(a) Not make false or misleading statements in advertising or other marketing media.

(b) Not, either directly or indirectly, act to undermine the reputation or business prospects of other Surveyors by unfair, dishonest or derogatory conduct.

(c) Not attempt to supplant by unfair, dishonest or derogatory actions, other Surveyors whom have current agreements with their clients.

(d) Provide and maintain safe working practices and workplaces.

(e) Not discriminate against race, tribe, religion, nationality, gender and persons with disabilities.

(f) Not to engage in the following business irregularities:

(i) Fraud.

(ii) Theft in all its forms.

(j) Embezzlement.

(k) Misappropriation.

(l) Bribery.

(m) Corruption.

(n) Forgery and uttering.

(o) Giving false information including falsifying documents.

3. Administering the Code

3.1. This code shall be administered by The Association's Executive Committee.

3.2. It is the responsibility of The Association's Executive Committee to provide publicity and reporting on the Code to include:

(a) Monitoring of adherence to industry standards of quality, safety and conduct and compliance with the principles and procedures of the code;

(b) Publicity and education programs;

(c) Confirmed breaches of the code and the remedial action taken;

(d) Steps taken to address identified systemic complaints;

(e) Statistics on complaints and disputes, and their resolution, classified in appropriate detail;

(f) Costs and other details of administration;

(g) Continuous improvement in code principles and administration.

3.3. It is the responsibility of The Association's Executive Committee to review and amend the Code.