

REPUBLIC OF THE PHILIPPINES
HOUSE OF REPRESENTATIVES
Quezon City

EIGHTEENTH CONGRESS
First Regular Session

House Bill No. 1955



Introduced by **MAGDALO Party-List Representative**
HON. MANUEL DG. CABOCHAN III

EXPLANATORY NOTE

With the fast-changing signs of the times and the advent of modern technology, the existing Sanitary Engineering Law that aims to protect public health and environment has become outdated. The scope and complexities of environment pollution have increased and the need for environmental surveillance and protection in the field of Sanitary Engineering has broadened. Thus, it is the aim of this legislation to enact a measure that will enable the Sanitary and Environmental Engineers to be more effective in dealing with today's environmental and publichealth problems.

This bill seeks to update and upgrade the more than fifty-year old Republic Act No. 1364 to make the practice of Environmental and Sanitary Engineering more relevant to contemporary conditions and challenges.

In view of the foregoing, approval of this measure is earnestly requested.


MANUEL DG. CABOCHAN III
Representative
Magdalo Para sa Pilipino Party-List

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AN ACT
PROVIDING FOR A MORE RESPONSIVE AND COMPREHENSIVE
REGULATION FOR THE PRACTICE, LICENSING, AND REGISTRATION OF
ENVIRONMENTAL AND SANITARY ENGINEERS IN THE PHILIPPINES
AMENDING FOR THE PURPOSE REPUBLIC ACT NO. 1364 AND FOR OTHER
PURPOSES

*Be it enacted by the Senate and the House of Representatives of the Philippines
in Congress assembled:*

1 **SECTION 1. Title.-** This Act shall be known as the "*Revised Environmental and*
2 *Sanitary Engineering Act*".

3
4 **SEC. 2. Definition of Terms.-** As used in this Act, the following terms shall mean:

- 5
6 a. Biosolids - similar to sludge.
7
8 b. Fixture Unit - a quantity in terms of which the load producing effects the
9 plumbing systems of different kinds of plumbing fixtures are expressed on some
10 arbitrarily chosen scale.
11
12 c. Garbage - used to designate the putrescible wastes resulting from growing,
13 handling, preparation, cooking and consumption of food.
14
15 d. Gray Water - untreated household wastewater which has not come in contact with
16 toilet waste and includes water from bathtubs, bathroom washbasin, and washing
17 machines and laundry tubs. It shall not include wastewater from kitchen sinks or
18 dishwashers.
19
20 e. Hazardous Waste - shall refer to by-products, side products, process residues,
21 spent reaction media, contaminated plant or equipment or other substances from
22 manufacturing operations and as consumer discards of manufactured products
23 which present unreasonable risk/injury to health and safety and to the environment.
24
25 f. Ionizing Radiation - is the energy that propagated through space or material
26 medium in the form of waves or particle and is capable of either directly or
27 indirectly removing electrons from atoms, thereby creating ions, which are
28 electrically charged atoms.

- 1 g. Non-Ionizing Radiation - includes ultraviolet radiation, visible light, microwaves,
2 electromagnetic radiation used in television, am and fm radio communications and
3 electromagnetic fields around electric power lines and appliances.
4
5 h. Plumber - a person who fits and repairs water and drainage pipes.
6
7 i. Radiation - the process in which energy in ilie form of rays of light, heat or waves
8 is sent out through space from atoms and molecules as iliey go internal change.
9
10 j. Reclaimed Water - water which, as a result of a tertiary treatment of domestic
11 wastewater, is made suitable for direct beneficial use, specifically excluded from
12 this definition is "gray water".
13
14 k. Refuse - materials that are collected and disposed of which includes garbage,
15 rubbish, ashes, street sweepings, dead animals, and solid market and industrial
16 wastes.
17
18 l. Re-use Water - gray water and/or reclaimed water put into beneficial use.
19
20 m. Rubbish - denotes all non-putrescible waste except ashes.
21
22 n. Sanitarian - person who reviews or examines critically located establishments in
23 compliance to the Sanitation Code and its implementing rules and regulations.
24
25 o. Enviromnnental and Sanitary Engineer - a person duly registered with the Board of
26 Examiners for Environmental and Sanitary Engineering in the manner as herein
27 provided.
28
29 p. Sanitary Engineer - a person duly registered with the Board of Sanitary and
30 Environmental Engineering under Republic Act 1364, that shall be an
31 environmental and sanitary engineer upon the enactment of this law.
32
33 q. Solid Waste - synonymous to refuse.
34
35 r. Toxic Materials - any material that may have a poisonous effect on man or
36 organism.
37
38 s. Trash - similar to rubbish, dry solid wastes generated in office buildings.
39
40 t. Treated Water - water that had undergone mechanical, physical andlor chemical
41 process for the purpose of purification.
42

43 **SEC. 3. Scope of Environmental and Sanitary Engineer.-** Under this Act,
44 Environmental and Sanitary engineering may be practiced by a person who renders or offer
45 render professional engineering services in the form of, but not limited to, the following:
46

- 47 1. Consultancy, investigation, valuation, planning, monitoring, construction,
48 installation, manufactnrng, research and management of services requiring
49 environmental and sanitary engineering knowledge.

2. Human resources development on environmental protection and sanitation, in consonance with the other engineering disciplines with other paramedical and medical sciences.

SEC. 4. Duties and Responsibilities.- The functions of environmental and sanitary engineer are, but not limited to, the following areas:

1. Public Health is a field wherein services as nosocomical engineering for the health administrative authority are rendered in, but not limited to sanitation, disease prevention and control, and other public health concerns using engineering methods and paramedical measures;
2. Water usage, conservation and protection shall include all aspects in the protection and conservation of water resources, classification of water, protection of watersheds and use of water;
3. Re-education of the populace on the production of safe water supply, water purifications, water collection, conveyance, treatment and distribution;
4. Storm drainage and wastewater management wherein waste management shall include, but not limited to, waste minimization, sanitary sewer collection, wastewater conveyance and disposal, wastewater treatment plants, sewage treatment plants, and effluent disposal, sewer appurtenances, sewage; lifting stations, leachate treatment, sludge and septage disposal and storm drainage management shall include, but not limited to, run-off collection, storm water conveyance and disposal including storm sewer appurtenances;
5. Solid waste refuse management shall include, but not limited to, waste minimization, storage, segregation, collection, conveyance, treatment and disposal, including necessary appurtenances;
6. Toxic and hazardous substances and radiation wherein toxic and hazardous substances shall involve engineering works in, but not limited to, manufacturing, processing, storage, conveyance, use, treatment and disposal of products, and by-products such as heavy metals, persistent organic pollutants, priority pollutants, polychlorinated biphenyls, poisons, radioactive and nuclear wastes, hospital waste, institutional waste, and agricultural wastes. Radiation shall include, but not limited to, non-ionic and ionic radiation effects, protection, and control;
7. Pollution Prevention and Control shall involve all aspects in prevention and control of noise, air, water, and land pollution;
8. Life and Safety shall involve the preservation of life and protection of property against hazards and injurious conditions in, but not limited to, buildings, horizontal developments, aircrafts, sea vessels, land crafts, industrial areas, public places and areas, underground structures for public and private use, recreational places and areas. It shall include construction safety management, management and operation safety, and mitigating measures; and

- 1 9. Environmental Engineering and Planning wherein engineering in environmental
2 protection shall include, but not limited to, hydrology, ecology, environmental
3 impact assessment.
4

5
6 **ARTICLE II**

7 **Board of Examiners for Sanitary and Environmental Engineers**
8

9 **SEC. 5. Composition of the Board.**- Within thirty (30) days from the effectivity of
10 this Act, there shall be created a Board of Examiners for Environmental and Sanitary
11 Engineers, hereinafter referred to as the "Board". It shall be composed of a chairman and two
12 (2) members who shall be appointed by the President of the Philippines upon the
13 recommendation of the Commissioner on Civil Service from among such persons of
14 recognized standing in their profession as may be certified as having practiced at least five
15 years and academically and morally fully qualified by their *bonafide* sanitary engineering
16 associations. The members of the Board shall hold office for a term of three (3) years after
17 appointment or until their successor shall have been appointed and shall have duly qualified.
18 The first members of the Board appointed under this Act shall hold office for the following
19 terms: one (1) member for one (1) year; one (1) member for two (2) years; and one (1)
20 member for three (3) years. Each member of the Board shall qualify by taking the proper oath
21 of office before entering upon the performance of his duties. Any member of the Board may
22 be removed by the President for neglect of duty, incompetence, malpractice, unprofessional,
23 unethical, immoral, or dishonorable conduct, after having been given opportunity to defend
24 himself in a proper administrative investigation: *Provided*, That during the process of
25 investigation, the President shall have power to suspend such member under investigation
26 and shall appoint a temporary member in his place. Vacancies in the Board shall be filled for
27 the unexpired with the following designations:
28

- 29 1. One (1) over-all Environmental and Sanitary Engineer as chairman; and
30
31 2. Two (2) Environmental and Sanitary Engineer members; one (1) of which shall be
32 the same time a Sanitarian.
33

34 The two (2) members shall work under the direct supervision and responsibility of the
35 Chairman of the Board.
36

37 **SEC. 6. Powers and Duties of the Board.**- The Board of Examiners for
38 Environmental and Sanitary Engineering is vested with the authority, conformable with the
39 provisions of this Act, to administer oaths, issue, suspend and revoke certificates of
40 registration for the practice of Environmental and Sanitary Engineering, to issue certificates
41 of recognition to sanitary engineers who are already practicing prior to the effectivity of this
42 Act for advanced studies, research and/or highly specialized training in any branch of
43 Environmental and Sanitary Engineering, subject to the approval of the President, to
44 investigate such violations of this Act and the regulations thereunder as may come to the
45 knowledge of the Board and for this purpose, to issue *subpoenaduces tecum* to secure
46 appearance of witnesses in connection with the charges presented to the Board, to inspect, at
47 least once a year, educational institutions offering courses in Environmental and Sanitary
48 Engineering, and to discharge such other powers and duties as may effect ethical
49 and technological standards of the Sanitary Engineering profession in the Philippines. For
50 the purpose of this Act, the Secretary of Health, and/or his duly authorized representatives in

1 the provinces and chartered cities shall be *ex-officio* agents of the Board, and as such it shall
2 be their duty to help in the enforcement of the provision of this Act.

3
4 If any person refuse to obey any subpoena so issued or shall refuse to testify or
5 produce any book, document, etc., the Board may present its petition to the appropriate courts
6 of jurisdiction, setting forth the facts and thereupon such court shall, in a proper case, issue its
7 *subpoena* to such person, inquiring his appearance before such court shall, and there to testify
8 or produce such books, person papers, documents, etc., as may be deemed necessary and
9 pertinent by the Board. Any person failing or refusing to obey the *subpoena* or order of the
10 said court, may be proceeded against in the same manner as for refusal to obey any other
11 *subpoena* or order of the court.

12
13 The board shall exercise executive/administrative, quasi-legislative and quasi-
14 judicial powers in carrying out the specific powers, functions, duties and responsibilities:

- 15
16 1. Supervise and regulate the practice of the Environmental and Sanitary Engineers
17 and Sanitarians in the country;
- 18
19 2. Determine and evaluate the qualifications of the applicants for registration for
20 special permits;
- 21
22 3. Prepare the examination questions in accordance with the pertinent section of this
23 Act; prescribe the syllabi of the subjects and their relative weights for the
24 licensure examinations; formulate or adopt test questions and deposit them in a
25 test question bank; draw the test questions at random through process of
26 computerization; and submit the examination results to the Professional
27 Regulation Commission (PRC) within the period provided for by the rules of the
28 Commission;
- 29
30 4. Prescribe, amend or revise the requirements for Environmental and Sanitary
31 Engineers subjects in the licensure examination for Professional Environmental
32 and Sanitary Engineers, registered Sanitarians and their relative weight, subject to
33 the approval of the Commission;
- 34
35 5. Register successful applicants who have passed the licensure examinations for
36 Environmental and Sanitary Engineers and Sanitarians and issue corresponding
37 certificates of registration and professional licensure;
- 38
39 6. Issue special permits to individual foreign Sanitary Engineer, Environmental
40 Engineers and Sanitarians for specific projects and for specific duration of time;
- 41
42 7. Look into the conditions affecting the practice of the Environmental and Sanitary
43 Engineering and Sanitarian profession and adopt measures for the enhancement of
44 the professions and the maintenance of high professional technical and ethical
45 standards and conduct ocular inspections of the places where registrants practice
46 their profession to determine and enforce compliance with this Act. The Board
47 shall authorized the duly integrated and accredited Environmental and Sanitary
48 Engineering, integrated sanitation associations to render assistance in the function;
- 49

- 1 8. Promulgate rules and regulations including a code of ethics, administrative
2 policies, orders and issuance to carry out the provisions of this Act;
- 3 9. Investigate violations of the Act and the rules and regulations, code of ethics,
4 administrative policies, orders and issuance promulgated by the Board. The rules
5 on administrative investigation promulgated by the Commission shall govern such
6 investigation;
- 7
- 8 10. Issue *subpoena* or *subpoena decus tecum* to secure the attendance of respondents
9 or witnesses or the production of documents at, and relative to the investigation
10 conducted by the Board;
- 11
- 12 11. Delegate the investigation of the case to the Chairman, a member of the Board of
13 Professional Regulations Commission (PRC) Legal Division. If the case concerns
14 strictly the practice of the profession, the investigation shall be presided by the
15 Chairman or Member of the Board with the assistance of a PRC attorney;
- 16
- 17 12. Render decision, order or resolution on preliminary investigation or inquiry, on
18 undocketed cases and on docketed administrative cases against examinees or
19 registrants which shall become final and executor unless appealed with the
20 commission within fifteen (15) days from receipt of the copy thereof. The
21 decision of the commission may be appealed to the court of justice in accordance
22 with the procedure provided in the rules of court;
- 23
- 24 13. After due notice and hearing, cancel examination papers and/or bar any examinee
25 from the future examination; refuse or defer his registration; reprimand the
26 registrant with stern warning; suspend him from the practice of his profession;
27 revoke his Certificate of Registration; delist his name from the roll of professional
28 Environmental and Sanitary Engineers, Registered Sanitarians, for continuous
29 non-payment of annual registration. Delisting from the roll by the Board as
30 provided herein, may be appealed initially to the Commission within fifteen (15)
31 days from receipt thereof. The decision of the Commission may be appealed to the
32 court in accordance with the procedure provided in the rules of court;
- 33
- 34 14. Administer oaths in connection with administrations, implementations, or
35 reinforcement of this Act;
- 36
- 37 15. Submit an annual report on the proceeding and accomplishments during the year,
38 and on recommendations of the Board of the Commission after the close of each
39 fiscal year;
- 40
- 41 16. Prosecute or institute criminal action against any violator of the Act and/or the
42 rules and regulations of Board;
- 43
- 44 17. Adopt an official seal;
- 45
- 46 18. Coordinate with the Commission on Higher Education in prescribing, amending
47 and/or revising the courses; and
- 48
- 49 19. Perform such other functions and duties as may be necessary to implement
50 effectively this Act. The policies, resolutions, rules and regulations, orders or

1 decisions issued or promulgated by the Board shall be subject to the review and
2 approval by the Commission: *Provided, however,* That the Board's decisions,
3 resolutions or orders which are not interlocutory, rendered in an administrative
4 case, shall be subject for review only if on appeal.
5

6 **SEC. 7. *Qualifications of Board Members.***- Each member of the Board shall, at the
7 time of this appointment:
8

- 9 1. Be a natural-born Filipino citizen and resident of the Philippines for at least five
10 (5) consecutive years;
11
- 12 2. Be at least thirty-five (35) years of age and of good moral character, of proven
13 integrity with moral values in his personal as his professional conduct;
14
- 15 3. Be a holder of the Degree of Bachelor of Science in Sanitary Engineering (BSSE)
16 or Bachelor of Science in Environmental and Sanitary Engineering (BSEnSE), for
17 the members of the Board of Sanitary and Environmental Engineering and
18 Chairman of specialty boards, from a university, school, college, academy or
19 institute duly constituted, recognized and accredited by the Philippine
20 government;
21
- 22 4. Be registered professional Environmental and Sanitary Engineer, or sanitarian
23 with a valid certificate of registration in their respective field of practice, and a
24 valid license duly qualified to practice Environmental and Sanitary Engineering or
25 as Sanitarian in the Philippines;
26
- 27 5. Must not be an official nor a member of the faculty of, nor have pecuniary interest
28 in, any university, college, school or institution offering bachelor's degree in
29 Environmental and Sanitary Engineering for at least three (3) years prior to this
30 appointment, and is not connected with a review center or with any group or
31 association where review classes or lectures in reparation for the licensure
32 examinations are offered or conducted at the time of his appointment;
33
- 34 6. Have practiced Environmental and Sanitary Engineering or as a Sanitarian for a
35 period of not less than ten (10) years prior to his appointment, with a sworn
36 statement as such; and
37
- 38 7. Finally, a person with no final conviction by the court of an offense involving
39 moral turpitude.
40

41 **SEC. 8. *Compensation of Board of Members.***- The members of the Board shall
42 receive monthly compensation of not less fifteen thousand (P15,000.00) or in accordance
43 with the salaries and wages stipulated under PRC Law: *Provided,* That the Chairman shall
44 receive a monthly compensation often percent (10%) more. *Provided, further,* That such
45 compensation shall be increased or modified pursuant to the general appropriations act of the
46 year. *Provided, furthermore,* That they shall receive other benefits that may be provided for
47 by the law.
48

49 **SEC. 9. *Executive Officer of the Board.***- The Commissioner shall be the executive
50 officer of the Board and shall conduct the examination given by the Board and shall designate

1 any subordinate officer of the commission to act as secretary and a custodian of all records
2 and minute of the Board, including all examination papers, and minutes of the deliberations
3 of the board.

4 **SEC. 10. Term of Office.**- The members of the Board shall hold office for a term of
5 three (3) years from the date of appointment or until their successor shall have been
6 appointed or qualified. They may, however, be re-appointed for the second term as
7 recommended by their respective accredited professional regulation organizations. Each
8 member shall qualify by taking oath of office before entering upon the performances of his
9 duties.

10
11 Vacancies in the Board shall be filled by the President from the list of candidates
12 selected by the Commissioner who were chosen from the list of nominees submitted by the
13 integrated and accredited association for the unexpired term only.

14
15 **SEC. 11. Removal of Board Members.**- Any member of the Board may be removed
16 by the President of the Philippines, upon the recommendation of the Commissioner for
17 neglect of duty, incompetence, malpractice, commission or tolerance of irregularities in the
18 examinations, or for unprofessional, unethical, or dishonorable conduct, after having been
19 given the opportunity to defend himself in administrative investigation.

20
21 **SEC. 12. Terms of Office of the Board Members.**- Upon Approval of this Act, the
22 incumbent chairman and two (2) members of the Board shall continue to serve until their
23 terms of office expire, or until their replacements have been appointed by the President, and
24 shall have been duly qualified.

25 26 27 **ARTICLE III** 28 **Examination and Registration** 29

30 **SEC. 13. Registration and License Required.**- A valid certificate of registration and a
31 valid professional license from the Commission are required before any person is allowed to
32 practice Environmental and Sanitary Engineering and as Sanitarian in the Philippines, except,
33 as otherwise allowed under this Act.

34
35 **SEC. 14. Examination Requirement.**- All applicants for registration for the practice
36 of Environmental and Sanitary Engineering shall be required to pass their respective technical
37 examinations as hereinafter provide, except as otherwise specifically allowed under this Act.

38
39 **SEC. 15. Holding of Examination.**- Examination of candidates desiring to practice
40 Environmental and Sanitary Engineering and Sanitarian in the Philippines shall be given in
41 the City of Manila, or any other regional centers that may be designated by the Board,
42 beginning on the last Monday of February and August of each year: *Provided*, That such days
43 do not fall on official holidays, otherwise the examination shall be held on the days
44 immediately following the set date.

45
46 **SEC. 16. Examination Fees.**- All applicants for written examinations for the
47 professional Environmental and Sanitary Engineers, Registered Sanitarian shall be subject to
48 payment of fees prescribed by the Commission: *Provided*, That ninety percent (90%) of the
49 fees is to be treated as a special fund for the programs, projects and activities of the

Commission and the remaining ten percent (10%) shall be set aside as trust fund for the establishment and maintenance of the center for continuing education and research.

SEC. 17. Registration Fees, License Fees, and Fines.- All applicants for registration and license to practices shall be subject to payment of registration fees, license fees, and fines, in case of violation of the pertinent rules and regulations for the amounts prescribed by the Board and approved by the Commission: *Provided*, That fifty percent (50%) from these collections shall be set up in a separate special fund for the supervisory and regulatory functions of the Board.

SEC. 18. Scope of Examination.- Applicants for certificates of registration as Environmental and Sanitary Engineer, and as Sanitarian shall be examined in the following subjects:

1. Professional Environmental and Sanitary Engineer - Mathematics, including algebra, plane and spherical trigonometry, analytic, descriptive and solid geometry, differential and integral calculus, rational and applied mechanics; hydraulics; topographic surveying, design and construction of wooden, masonry, reinforced concrete, and steel structures as flumes, water towers and drainage canals; hydrology, ecology, public health engineering, environmental impact assessment, pollution prevention and control, design and construction of sewers, storm drains, water purification plants, treatment plants and planning engineering: *Provided, however*, That duly registered Civil Engineers shall be exempted from taking examinations in the following subjects: (1) Mathematics, including algebra, plane and spherical trigonometry, differential and integral calculus, rational and applied mechanics; (2) hydraulics; (3) topographic and hydrographic surveying; and (4) design and construction of wooden, masonry, reinforced concrete and steel structure flumes, water towers and drainage canals; and
2. Registered Sanitarian - Arithmetic; code on sanitation and its implementing rules and regulations; microbiology and parasitology and practical problems.

SEC. 19. Report of Ratings.- The Board of Examiners for Environmental and Sanitary Engineering shall, within one hundred twenty (120) days after the date of completion of the examination, report the ratings obtained by each candidate to the Civil Service Commissioner, who shall submit such ratings to the President.

SEC. 20. Examination.- An applicant who for the third time fails to pass the examination for the same grade shall not be allowed to take another until at least one year has elapsed after his last examination.

SEC. 21. Issuance of Certificates of Registration and Professional License.- The President shall upon the recommendation of the Board, issue a certificate of registration upon payment of the registration fess as provided in this Act to any applicant, who, in the opinion of the Board and after approval by the President, has satisfictorily met all the requirements specified in this Act.

The registration for Environmental and Sanitary Engineer or registered Sanitarian shall commence from the date his name is entered in the roll of registrants or licensees, for

1 his profession, or trade. Every registrant who has satisfactorily met all the requirements
2 specified in this Act, upon payment of the registration fee, shall be issued a certificate of
3 Environmental and Sanitary Engineer or registered Sanitarian that shows the full name of the
4 registrant, and with a serial number, signed by the Commissioner and by the Chairman and
5 all the members of the Board, stamped with the official seal.

6 To practice the profession and/or Trade with all the rights and privileges appurtenant
7 thereto, the certificate shall remain in full force and effect until withdrawn, suspended, or
8 revoked in accordance with the law.

9
10 A professional license signed by the Commission and bearing the registration number
11 and date of issuance thereof, and the month of expiry or renewability shall likewise be issued
12 to every registrant who has paid the rumual registration fees for three (3) consecutive years.
13 This license will serve as evidence that license can lawfully practice his profession until the
14 expiration of its validity.

15
16 **SEC. 22. *Qualification of Applicants for Environmental and Sanitary Engineering***
17 ***Examinations.***- Any person applying for admission to the Environmental and Sanitary
18 Engineering, as herein provided, shall establish to the satisfaction of the Board that, on or
19 before the date of examination, he possesses the following qualifications:

- 20
21 1. He is a citizen of the Philippines;
- 22
23 2. He is of good reputation with good moral values;
- 24
25 3. He has not been finally convicted by the court of an offense involving moral
26 turpitude;
- 27
28 4. He is a holder of the degree of Bachelor of Science in Sanitary Engineering
29 (BSSE) or Bachelor of Science in Environmental and Sanitary Engineering
30 (BSEnSE) from a university, college, academy or institute duly constituted,
31 recognized and accredited by the Philippine government; and
- 32
33 5. Engineers who have taken their Masteral units in Environmental and/or Public
34 Health Engineering with supplemental units which the Board may require.
- 35

36 **SEC. 23. *Qualification of Applicants for Registered Sanitarian.***- Any person
37 applying for the admission to the Sanitarian examinations, as herein provided, shall establish
38 to the satisfaction of the Board that, on or before the date of the examination, he possesses the
39 following qualifications:

- 40
41 1. He is a citizen of the Philippines;
- 42
43 2. He is of good reputation with good moral values;
- 44
45 3. He has not been finally convicted by the court of an offense involving moral
46 turpitude;
- 47
48 4. He is second year student of Bachelor of Science in Sanitary, Civil, Mechanical,
49 Chemical or Electrical Engineering or second year student of Bachelor of Science
50 in the field of natural sciences;

1
2 5. He has at least two (2) units in basic microbiology, parasitology and environmental
3 sanitation laws; and

4 6. He has at least six (6) weeks experience as apprentice sanitarian under the
5 supervision of registered Environmental and Sanitary Engineer.
6

7 **SEC. 24. Oath.**- All successful candidates in the examination shall be required to take
8 a professional oath before the Board authorized to administer oaths, prior to entering upon the
9 practice of Environmental and Sanitary Engineering and Sanitarian profession.
10

11 **SEC. 25. Seal and Use of Seal.**- All registered Environmental and Sanitary Engineers
12 shall obtain their respective seal, of such design, as the certificate issued by the Board shall
13 authorize and direct: *Provided, however,* That the serial number of the seal, plans and
14 specifications prepared by, or under the direct supervision of a registered Environmental and
15 Sanitary Engineers, shall be stamped with the seal during the life of the registrants certificate.
16 And it shall be unlawful for anybody to stamp or seal any document with said seal after the
17 certificate the registrant named therein has expired or has been revoked, unless said
18 certificate have been renewed or reissued.
19

20 **SEC. 26. Exemption from Examination and Registration.**- Registration shall not be
21 required of foreign Sanitary Engineers or experts called in by the Philippine government for
22 consultation for specific Sanitary and/or Environmental Engineering services as defined
23 under this Act: *Provided,* That this practice shall be limited to such work: *And provided*
24 *further,* That they do not engage in private practice at their own account as Environmental
25 and Sanitary Engineers.
26

27 **SEC. 27. Refusal to Issue Certificates.**- The Board of Environmental and Sanitary
28 Engineers shall not issue a certificate of registration to any person convicted of any criminal
29 offense involving moral turpitude, or to any person guilty of immoral or dishonorable
30 conduct, or to any person of unsound mind. In the event of a refusal to issue a certificate to
31 any person, the Board shall give to the applicant a written statement setting forth the reasons
32 for such action, which statement shall be incorporated in the records of the Board.
33

34 **SEC. 28. Revocation of Certificates of Registration and Suspension from the**
35 **Practice of Profession.**- The Board shall have the power after due notice and hearing, to
36 suspend or revoke the certificate of registration of any registrant, for any cause mentioned in
37 the preceding section, or due to incompetence or for unprofessional or dishonorable conduct,
38 for violation of this Act, the rules and other policies of the Board and the code of professional
39 ethics.
40

41 It shall be a sufficient ground for the revocation of certification issued to a person
42 under this Act, and his suspension from the practice of his profession for unprofessional or
43 dishonorable conduct, if:
44

- 45 1. Being a Professional Environmental and Sanitary Engineer, he has signed and
46 affixed his seal on any plan, design, technical reports, valuation, estimate,
47 specification or other similar document or work not prepared by him or not
48 executed under his immediate supervision;
49

2. To be in charge of the construction, erection, installation, or alteration, or of the performance of Sanitary Engineering service in connection with the manufacture, sale supply or distribution of any Sanitary Engineering works, projects or plant (as cited in article one, section two of this Act), either for himself or for others, unless he holds a valid certificate of registration as Environmental and Sanitary Engineer;
3. This decision of the Board shall be final and executory unless it is appealed by the respondent to the Commission within fifteen (15) days from the receipt of such decision. The Board's or Commission's decision is appealable by the respondent to the court of justice in accordance with the procedure under the rules of court;
4. Any person, firm, associations or corporation may file charges in accordance with the provisions of this section against any license, or Board may, on its own initiative (*motu proprio*) investigate and/or take cognizance of acts and practices constituting cause for suspension or revocation of the certificate of registration;
5. The rules and regulations of the commission on administrative investigation shall govern the procedure and conduct of administrative investigation before the Board; and
6. The respondent shall have the right to a speedy and public hearing and to confront and cross-examine witnesses against him.

SEC. 29. *Re-issuance of Revoked Certificates and Replacement of Lost Certificates.*- Subject to approval of the Commission, the Board may, after the expiration of one (1) year from the date a Certificate of Registration is revoked, and for reasons may deem sufficient, entertain an application for a new certificate of registration from the registrant concerned. Such application shall be accomplished in the same form prescribed for examination, but the Board may, in its discretion, exempt the applicant from taking the requisite examination. A new Certificate of Registration to replace any certificate that has been lost, destroyed or mutilated be issued, subject to the rules of the Board.

SEC. 30. *Integration of the Professional Organizations.*- The Environmental and Sanitary Engineering Professional shall be integrated into one national organization which shall be recognized by the Board as the one Integrated and Accredited Association. Every Environmental and Sanitary Engineer and Registered Sanitarian upon registration with the Board as such, shall *ipso facto*, become a member of their respected integrated national organization. Those who have been registered with the Board but are not members of the said organization at the time of the effectivity of this Act, shall be allowed to register as members of the said within three (3) years after the effectivity of this Act. Membership in the integrated organization shall not be baned in other associations.

SEC. 31. *Continuing Professional Education and Development Committee.*- The accredited professional organizations shall have a continuing professional development committee which shall be appointed by the Board of Directors of the PSSE, by means of resolution, whose members shall be represented one (1) member of the PTC, one (1) member of the Academe, one (1) member from the practitioners and one (1) Pre Board of EnSE and Sanitarian, to evaluate the programs, providers, and certificates of the continuing professional program.

ARTICLE IV

1 **Sundry Provisions Relative to the Practice of Environmental and Sanitary**
2 **Engineering**
3

4 **SEC. 32. Foreign Reciprocity.**- No Foreign Engineer shall be admitted to take a
5 Board of Examination, be given a Certificate of Registration, or be entitled to any of the
6 rights and privileges under this Act unless the country of which he is a subject or citizen
7 specifically permits Filipino Engineers to practice within its territorial limits on the same
8 basis as the subjects or citizens of such country.
9

10 **SEC. 33. Enforcement of the Act by Officers of the Law.**- It shall be the duty of all
11 constituted officers of the law of the national government, or any provincial, city, or
12 municipal government or of any political subdivision, to enforce the provisions of this Act
13 and to prosecute any person violating the same. The Secretary of Justice or his assistant shall
14 act as legal advisers of the Board and render such legal assistance as may be necessary in
15 carrying out the provisions of this Act.
16

17 **SEC. 34. Field of Practice.**- The field of practice for Environmental and Sanitary
18 Engineers and registered Sanitarian shall be as follows:
19

- 20 1. A Sanitary and Environmental Engineer's field of practice includes the sole
21 authority to sign and seal sanitary plans and to practice Environmental and
22 Sanitary Engineering in its full scope as defined in this Act.
23
24 2. A registered Sanitarian's field of practice includes inspection of facilities for the
25 purpose of sanitation, and fields of work provided by the Department of Health
26 (DoH).
27

28 **SEC. 35. Prohibition in the Practice of Sanitary and Environmental Engineering.**-
29 No person shall:
30

- 31 1. Practice or offer to practice Environmental and Sanitary Engineering in the
32 Philippines without having previously obtained a Certificate of Registration and a
33 Professional License from the Board of Sanitary and Environmental Engineering
34 as provided for in Section 15 hereof;
35
36 2. Use, or attempt to use as his own Certificate of Registration, Professional License
37 or the seal of another;
38
39 3. Give false or forged evidence of any kind to the Board or to any member thereof
40 in obtaining a Certificate of Registration or Professional License;
41
42 4. Falsely impersonate any registrant of like or different name;
43
44 5. Attempt to use a revoked or suspended Certificate of Registration or Professional
45 License;
46
47 6. Use, in connection with his name or otherwise assume, or use or advertise any title
48 or description, tending to convey the impression that he is a registered
49 Environmental and Sanitary Engineer or Sanitarian without holding a valid
50 certificate or valid license; and

- 1
2 7. Sign document involving sanitary design, plan, technical specifications, valuation
3 and the like on behalf of a Registered Engineer.

4 **SEC. 36. *Personnel Required.***- Except as otherwise provided in this Act, every
5 industrial plant or factory, commercial establishment, institutional building, or in any other
6 installation where persons and properties require the services of an Environmental and
7 Sanitary Engineer, a duly Registered Environmental Sanitary Engineer shall be employed for
8 the purpose to ensure safe operation and safeguard public welfare.
9

10 **SEC. 37. *Certificate of Specialty.***- Certificates of specialty shall be issued by the
11 Board, subject to the approval of the Commission, to any Environmental and Sanitary
12 Engineers who have been screened and recommended by the Integrated and Accredited
13 Environmental and Sanitary Engineering and Sanitarian Association, these are for specific
14 fields in which the applicants have specialized knowledge, training and experience and have
15 demonstrated their competence and expertise, the Board shall, subject to the approval of the
16 Commission, and after consultation with the said association prescribe and issue the
17 necessary guidelines for the issuance of these certificates.
18

19 **SEC. 38. *Practice for Firms and Corporations.***- The practice of Sanitary and
20 Environmental Engineering is a professional service admission which based on individual
21 and personal qualifications. Practice in a corporation may be allowed but individual members
22 shall be limited to restrictions of corporate practice.
23

24 Persons properly qualified and license Environmental and Sanitary Engineer may,
25 among themselves, form a partnership or association and collectively render Environmental
26 and Sanitary Engineering service.
27

28 **SEC. 39. *Penalty Clause.***- Any person who shall violate any provision of this Act
29 shall be guilty of misdemeanor and shall, upon conviction, be sentenced to a fine of not less
30 than fifty thousand pesos (P50,000.00) or imprisonment for a period of not less than six (6)
31 months nor more than five (5) years or both.
32

33 **ARTICLE V**

34 **Transitory Provisions**

35

36 **SEC. 40. *New Certificates of Registration and Professional License.***- Sanitary
37 Engineers, Environmental and Sanitary Engineers and Engineers accredited by the Board
38 with valid Certificates of Registration under Republic Act No. 1364, shall register within two
39 (2) years from the effectivity of this Act and be issued new Certificates of Registration and
40 new license as Registered Environmental and Sanitary Engineers with the same serial
41 numbers as their old ones to replace their old original certificates and licenses.
42

43 **SEC. 41. *Environmental and Sanitary Engineering Code of the Philippines.***- Sixty
44 (60) days after the effectivity of this Act, the President of the Philippines shall organize a
45 committee to prepare the Environmental and Sanitary Engineering Code of the Philippines,
46 its implementing rules and regulations, to effect and carry out the objectives of this Act, upon
47 the recommendation of the Board of Examiners of the Environmental and Sanitary Engineers,
48 and in consultation with the Philippine Society of Sanitary Engineers, Inc.

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