

THE GENERAL ASSEMBLY OF PENNSYLVANIA

HOUSE BILL

No. 609 Session of 2021

INTRODUCED BY EMRICK, HELM, JOZWIAK, MARSHALL, MILLARD, SAYLOR, ZIMMERMAN, QUINN AND TOOHIL, FEBRUARY 24, 2021

SENATOR AUMENT, CONSUMER PROTECTION AND PROFESSIONAL LICENSURE, IN SENATE, AS AMENDED, OCTOBER 18, 2022

AN ACT

1 Amending the act of May 23, 1945 (P.L.913, No.367), entitled "An
2 act relating to and regulating the practice of the profession
3 of engineering, including civil engineering, mechanical
4 engineering, electrical engineering, mining engineering and
5 chemical engineering, the profession of land surveying and
6 the profession of geology and constituent parts and
7 combinations thereof as herein defined; providing for the
8 licensing and registration of persons practicing said
9 profession, and the certification of engineers-in-training
10 and surveyors-in-training, and the suspension and revocation
11 of said licenses, registrations and certifications for
12 violation of this act; prescribing the powers and duties of
13 the State Registration Board for Professional Engineers, Land
14 Surveyors and Geologists, the Department of State and the
15 courts; prescribing penalties; and repealing existing laws,"
16 further providing for definitions, for procedure for <--
17 licensing as professional engineer, for continuing
18 professional competency requirements and for exemption from <--
19 licensure and registration. FURTHER PROVIDING FOR
20 DEFINITIONS, FOR GENERAL POWERS OF BOARD, FOR PROCEDURE FOR
21 LICENSING AS PROFESSIONAL ENGINEER, FOR PROCEDURE FOR
22 LICENSING AS PROFESSIONAL GEOLOGIST, FOR CONTINUING
23 PROFESSIONAL COMPETENCY REQUIREMENTS, FOR EXEMPTION FROM
24 LICENSURE AND REGISTRATION, FOR FEES AND FOR PENALTIES.

25 The General Assembly of the Commonwealth of Pennsylvania
26 hereby enacts as follows:

27 Section 1. Section 2(a)(1), (c), (d) and (j) of the act of <--
28 May 23, 1945 (P.L.913, No.367), known as the Engineer, Land

1 ~~Surveyor and Geologist Registration Law, are amended and the~~  
2 ~~section is amended by adding subsections to read:~~

3 ~~Section 2. Definitions. As used in this act—~~

4 ~~(a) (1) "Practice of Engineering" shall mean the~~  
5 ~~application of the mathematical and physical sciences for the~~  
6 ~~design or analysis of public or private buildings, structures,~~  
7 ~~machines, equipment, processes, works or engineering systems,~~  
8 ~~and the consultation, investigation, evaluation[, engineering]~~  
9 ~~or surveys, construction management, modification and~~  
10 ~~alteration, planning and inspection in connection therewith, the~~  
11 ~~performance of the foregoing acts and services being prohibited~~  
12 ~~to persons who are not licensed under this act as professional~~  
13 ~~engineers unless exempt under other provisions of this act. The~~  
14 ~~term includes the performance of engineering land surveys.~~

15 \* \* \*

16 ~~(c) ["Engineer in Training"] "Engineer Intern," formerly~~  
17 ~~known as "engineer in training," means a candidate for licensure~~  
18 ~~as a professional engineer, who has been granted a certificate~~  
19 ~~as an engineer intern or the predecessor title of engineer in~~  
20 ~~training after successfully passing the prescribed written~~  
21 ~~examination in fundamental engineering subjects, and who shall~~  
22 ~~be eligible upon the completion of the requisite years of~~  
23 ~~experience in engineering, under the supervision of a~~  
24 ~~professional engineer, or similarly qualified engineer, for the~~  
25 ~~final examination prescribed for licensure as a professional~~  
26 ~~engineer.~~

27 ~~(d) "Practice of Land Surveying" [means the practice of that~~  
28 ~~branch of the profession of engineering which involves the]~~  
29 ~~shall mean the authoritative acts of location, relocation,~~  
30 ~~establishment, reestablishment or retracement of any property~~

~~1 line or boundary of any parcel of land or any road right of way,  
2 easement or alignment; the use of principles of land surveying,  
3 determination of the position of any structure or permanently  
4 installed equipment in relation to monuments or reference  
5 points, determination of the position of any monument or  
6 reference point which marks a property line boundary, or corner  
7 setting, resetting or replacing any such monument or individual  
8 point including the writing of deed descriptions; the  
9 performance of engineering land surveys; procuring or offering  
10 to procure land surveying work for himself or others; managing  
11 or conducting as managers, proprietors or agent any place of  
12 business from which land surveying work is solicited, performed,  
13 or practiced; the performance of the foregoing acts and services  
14 being prohibited to persons who are not granted certificates of  
15 registration under this act as a professional land surveyor  
16 unless exempt under other provisions of this act. The term also:~~

17 (1) Includes, but is not limited to, the following  
18 activities:

19 (i) The creation of maps and geospatial databases  
20 representing authoritative locations for boundaries, the  
21 location of fixed objects or topography. This includes maps and  
22 geospatial databases prepared by a person or government agency  
23 if the data is provided to the public as a surveying product.

24 (ii) Original data acquisition, or the resolution of  
25 conflicts between multiple data sources, if used for the  
26 authoritative location of features within the following data  
27 themes:

28 (A) geodetic control;

29 (B) orthoimagery;

30 (C) elevation and hydrographic;

1 ~~(D) fixed objects;~~

2 ~~(E) private and public boundaries; and~~

3 ~~(F) cadastral information.~~

4 ~~(iii) Certification of positional accuracy of maps or~~  
5 ~~measured survey data.~~

6 ~~(iv) Authoritative adjustment or interpretation of raw~~  
7 ~~survey data.~~

8 ~~(v) GIS based parcel or cadastral mapping used for~~  
9 ~~authoritative boundary definition purposes wherein land title or~~  
10 ~~development rights for individual parcels are or may be~~  
11 ~~affected.~~

12 ~~(vi) Interpretation of maps, deeds and other land title~~  
13 ~~documents to resolve conflicting data elements with the intent~~  
14 ~~of being authoritative.~~

15 ~~(vii) Acquisition of field data required to authoritatively~~  
16 ~~position fixed objects or cadastral data relative to geodetic~~  
17 ~~control.~~

18 ~~(viii) Analysis, adjustment or transformation of cadastral~~  
19 ~~data of the parcel layers with respect to the geodetic control~~  
20 ~~layer within a GIS resulting in the affirmation of positional~~  
21 ~~accuracy with the intent of being authoritative.~~

22 ~~(2) Excludes the following activities:~~

23 ~~(i) The creation of general maps:~~

24 ~~(A) Prepared by private firms or government agencies for use~~  
25 ~~as guides to motorists, boaters, aviators or pedestrians.~~

26 ~~(B) Prepared for publication in a gazetteer or atlas as an~~  
27 ~~educational tool or reference publication.~~

28 ~~(C) Prepared for or by education institutions for use in the~~  
29 ~~curriculum of a course of study.~~

30 ~~(D) Produced by an electronic or print media firm as an~~

1 ~~illustrative guide to the geographic location of an event.~~

2 ~~(E) Prepared by laypersons for conversational or~~  
3 ~~illustrative purposes. This includes advertising material and~~  
4 ~~users guides.~~

5 ~~(ii) The transcription of previously georeferenced data into~~  
6 ~~a GIS or LIS by manual or electronic means, and the maintenance~~  
7 ~~thereof, if the data is clearly not intended to indicate the~~  
8 ~~authoritative location of property boundaries, the authoritative~~  
9 ~~definition of the shape or contour of the earth or the~~  
10 ~~authoritative location of fixed objects of individuals.~~

11 ~~(iii) The transcription of public record data, without~~  
12 ~~modification except for graphical purposes, into a GIS or LIS~~  
13 ~~based cadastre, including tax maps and associated records, by~~  
14 ~~manual or electronic means, the maintenance of that cadastre and~~  
15 ~~dissemination of the cadastre if the data is clearly not~~  
16 ~~intended to authoritatively represent property boundaries. This~~  
17 ~~includes tax maps and zoning maps.~~

18 ~~(iv) The preparation and dissemination of a document that~~  
19 ~~does not authoritatively define real property boundaries. This~~  
20 ~~includes civilian and military versions of quadrangle~~  
21 ~~topographic maps, military maps, satellite imagery and other~~  
22 ~~documents.~~

23 ~~(v) The incorporation or use of documents or databases into~~  
24 ~~a GIS or LIS, including, but not limited to, Federal census and~~  
25 ~~demographic data, quadrangle topographic maps and military maps.~~

26 ~~(vi) Original data acquisition, inventory maps and databases~~  
27 ~~created for nonauthoritative use by an organization, in either~~  
28 ~~hard copy or electronic form, of physical features, facilities~~  
29 ~~or infrastructure that are wholly contained within properties to~~  
30 ~~which they have rights or for which they have management~~

~~1 responsibility. The distribution of these maps or databases  
2 outside the organization must contain appropriate metadata  
3 describing, at a minimum, the accuracy, method of compilation,  
4 data sources and dates and disclaimers of use clearly indicating  
5 that the data is not intended to be used as a surveying product.~~

~~6 (vii) Maps and geospatial databases depicting the  
7 distribution of natural resources or phenomena prepared by  
8 foresters, geologists, soil scientists, geophysicists,  
9 biologists, archeologists, historians or other persons qualified  
10 to document the data.~~

~~11 (viii) Original data acquisition, maps and geospatial  
12 databases depicting assets, features and events prepared by any  
13 government agency where the access to that data is restricted by  
14 statute.~~

~~15 (ix) Original data acquisition, maps and geospatial  
16 databases created for use in, and support of, emergency  
17 operations, including 911 dispatch.~~

~~18 (x) Nonauthoritative GIS or LIS and related activities,  
19 including, but not limited to, original data acquisition,  
20 geospatial database development and maintenance and map creation  
21 by any government organization.~~

~~22 (xi) Activities by a licensed landscape architect or a  
23 licensed geologist performed pursuant to the licensed landscape  
24 architect's or licensed geologist's scope of practice.~~

~~25 \* \* \*~~

~~26 (j) "Engineering Land Surveys" means surveys for: (i) the  
27 development of any tract of land including the incidental design  
28 of related improvements, such as line and grade extension of  
29 roads, sewers and grading but not requiring independent  
30 engineering judgment: Provided, however, That tract perimeter~~

1 ~~surveys shall be the function of the Professional Land Surveyor;~~  
2 ~~(ii) the determination of the configuration or contour of the~~  
3 ~~earth's surface, or the position of fixed objects thereon or~~  
4 ~~related thereto for purposes of authoritative review, analysis~~  
5 ~~and determination of the location or as built construction of~~  
6 ~~fixed assets or objects, the postdevelopment contours, or for~~  
7 ~~the purposes of designs based thereon by means of measuring~~  
8 ~~lines and angles and applying the principles of mathematics,~~  
9 ~~photogrammetry or other measurement, mapping or positioning~~  
10 ~~methods without regard to tools or technologies which currently~~  
11 ~~exist or which may be developed in the future, the application~~  
12 ~~of which means and methods involves professional understanding~~  
13 ~~as to the appropriate and safe usage; (iii) geodetic survey,~~  
14 ~~underground survey and hydrographic survey; (iv) storm water~~  
15 ~~management surveys and sedimentation and erosion control~~  
16 ~~surveys; (v) the determination of the quantities of materials;~~  
17 ~~(vi) tests for water percolation in soils; and (vii) the~~  
18 ~~preparation of plans and specifications and estimates of~~  
19 ~~proposed work and attendant costs as described in this~~  
20 ~~subsection. The term does not include any activity under~~  
21 ~~subsection (d) (2).~~

22 \* \* \*

23 ~~(u) "Agent" shall mean a person who is authorized to act for~~  
24 ~~another through employment, by contract or apparent authority.~~

25 ~~(v) "Authoritative" shall mean presented as definitive when~~  
26 ~~used to describe products, processes, applications or data to be~~  
27 ~~used as a surveying product.~~

28 ~~(w) "Cadastre" shall mean a register of property showing the~~  
29 ~~extent, value and ownership of land for taxation.~~

30 ~~(x) "Contractor" shall mean a person or entity that enters~~

1 ~~into a contract.~~

2 ~~(y) "Geospatial technology" shall refer to equipment~~  
3 ~~necessary to acquire, process, store and analyze geospatial~~  
4 ~~data, including GPS or GIS.~~

5 ~~(z) "GIS" shall mean Geographic Information System, an~~  
6 ~~information system and related applications and infrastructure~~  
7 ~~used to store, view, edit, analyze and display geographical~~  
8 ~~information and associated attribute data related to positions~~  
9 ~~on, above or beneath the Earth's surface.~~

10 ~~(aa) "GPS" shall mean Global Positioning System, a global~~  
11 ~~navigating satellite system and associated components that~~  
12 ~~provides geographic location information.~~

13 ~~(bb) "LIS" shall mean Logistics Information System, an~~  
14 ~~automated system used to communicate with other units on~~  
15 ~~vertical and horizontal flow of logistics and maintenance~~  
16 ~~information and status.~~

17 ~~Section 2. Sections 4.2(c), 4.5(c) and 5 are amended to~~  
18 ~~read:~~

19 ~~Section 4.2. Procedure for Licensing as Professional~~  
20 ~~Engineer. \* \* \*~~

21 ~~(c) An applicant who is a certified [engineer in training]~~  
22 ~~engineer intern may apply for licensure and shall pass the~~  
23 ~~examination in engineering principles and practice. To qualify~~  
24 ~~for the principles and practice examination, an applicant shall,~~  
25 ~~in addition to holding the [engineer in training] engineer~~  
26 ~~intern certificate, show satisfactory proof of:~~

27 ~~(1) four or more years of progressive experience in~~  
28 ~~engineering work performed after the [issuance of the engineer~~  
29 ~~in training certificate] successful completion of the~~  
30 ~~fundamentals of engineering examination and under the~~



1 ~~supervision of a professional engineer or a similarly qualified~~  
2 ~~engineer of a grade and character to [fit him] qualify the~~  
3 ~~applicant to assume responsible charge of the work involved in~~  
4 ~~the practice of engineering; or~~

5 ~~(2) four or more years of progressive teaching experience in~~  
6 ~~an approved curriculum under the supervision of a professional~~  
7 ~~engineer or a similarly qualified engineer of a grade or~~  
8 ~~character to [fit him] qualify the applicant to assume~~  
9 ~~responsible charge of the work involved in the practice of~~  
10 ~~engineering.~~

11 \* \* \*

12 SECTION 1. SECTIONS 2(A) AND (C) AND 4(B) AND (G) OF THE ACT <--  
13 OF MAY 23, 1945 (P.L.913, NO.367), KNOWN AS THE ENGINEER, LAND  
14 SURVEYOR AND GEOLOGIST REGISTRATION LAW, ARE AMENDED AND THE  
15 SECTIONS ARE AMENDED BY ADDING SUBSECTIONS TO READ:

16 SECTION 2. DEFINITIONS.--AS USED IN THIS ACT--

17 (A) (1) "PRACTICE OF ENGINEERING" SHALL MEAN THE  
18 APPLICATION OF THE MATHEMATICAL AND PHYSICAL SCIENCES FOR THE  
19 DESIGN OR ANALYSIS OF PUBLIC OR PRIVATE BUILDINGS, STRUCTURES,  
20 MACHINES, EQUIPMENT, PROCESSES, WORKS OR ENGINEERING SYSTEMS,  
21 AND THE CONSULTATION, INVESTIGATION, EVALUATION[, ENGINEERING]  
22 OR SURVEYS, CONSTRUCTION MANAGEMENT, MODIFICATION AND  
23 ALTERATION, PLANNING AND INSPECTION IN CONNECTION THEREWITH, THE  
24 PERFORMANCE OF THE FOREGOING ACTS AND SERVICES BEING PROHIBITED  
25 TO PERSONS WHO ARE NOT LICENSED UNDER THIS ACT AS PROFESSIONAL  
26 ENGINEERS UNLESS EXEMPT UNDER OTHER PROVISIONS OF THIS ACT.

27 (2) THE TERM "PRACTICE OF ENGINEERING" SHALL ALSO MEAN AND  
28 INCLUDE RELATED ACTS AND SERVICES THAT MAY BE PERFORMED BY OTHER  
29 QUALIFIED PERSONS, INCLUDING BUT NOT LIMITED TO, MUNICIPAL  
30 PLANNING, INCIDENTAL LANDSCAPE ARCHITECTURE, TEACHING,

1 CONSTRUCTION, MAINTENANCE AND RESEARCH BUT LICENSURE UNDER THIS  
2 ACT TO ENGAGE IN OR PERFORM ANY SUCH RELATED ACTS AND SERVICES  
3 SHALL NOT BE REQUIRED.

4 (3) THE FOREGOING SHALL NOT BE DEEMED TO INCLUDE THE  
5 PRACTICE OF ARCHITECTURE AS SUCH, FOR WHICH SEPARATE  
6 REGISTRATION IS REQUIRED UNDER [THE PROVISIONS OF THE ACT OF  
7 JULY 12, 1919 (P.L.933, NO.369), ENTITLED "AN ACT TO REGULATE  
8 THE PRACTICE OF ARCHITECTURE IN THE COMMONWEALTH OF PENNSYLVANIA  
9 BY PROVIDING FOR THE EXAMINATION AND REGISTRATION OF ARCHITECTS  
10 BY A STATE BOARD OF EXAMINERS; DEFINING THE POWER AND DUTIES OF  
11 SAID BOARD OF EXAMINERS; AND PROVIDING PENALTIES FOR THE  
12 VIOLATION OF THIS ACT," EXCEPTING ONLY ARCHITECTURAL WORK  
13 INCIDENTAL TO THE "PRACTICE OF ENGINEERING."] THE ACT OF  
14 DECEMBER 14, 1982 (P.L.1227, NO.281), KNOWN AS THE "ARCHITECTS  
15 LICENSURE LAW."

16 (4) THE "PRACTICE OF ENGINEERING" SHALL NOT PRECLUDE THE  
17 PRACTICE OF THE SCIENCES WHICH SHALL INCLUDE BUT NOT BE LIMITED  
18 TO: SOIL SCIENCE, GEOLOGY, PHYSICS AND CHEMISTRY.

19 \* \* \*

20 [(C) "ENGINEER-IN-TRAINING MEANS A CANDIDATE FOR LICENSURE  
21 AS A PROFESSIONAL ENGINEER, WHO HAS BEEN GRANTED A CERTIFICATE  
22 AS AN ENGINEER-IN-TRAINING AFTER SUCCESSFULLY PASSING THE  
23 PRESCRIBED WRITTEN EXAMINATION IN FUNDAMENTAL ENGINEERING  
24 SUBJECTS, AND WHO SHALL BE ELIGIBLE UPON THE COMPLETION OF THE  
25 REQUISITE YEARS OF EXPERIENCE IN ENGINEERING, UNDER THE  
26 SUPERVISION OF A PROFESSIONAL ENGINEER, OR SIMILARLY QUALIFIED  
27 ENGINEER, FOR THE FINAL EXAMINATION PRESCRIBED FOR LICENSURE AS  
28 A PROFESSIONAL ENGINEER.]

29 (C.1) "ENGINEER INTERN" MEANS A CANDIDATE FOR LICENSURE AS A  
30 PROFESSIONAL ENGINEER, WHO HAS BEEN GRANTED A CERTIFICATE AS AN

1 ENGINEER INTERN AFTER SUCCESSFULLY PASSING THE PRESCRIBED  
2 WRITTEN EXAMINATION IN FUNDAMENTAL ENGINEERING SUBJECTS, AND WHO  
3 IS ELIGIBLE UPON THE COMPLETION OF THE REQUISITE YEARS OF  
4 EXPERIENCE IN ENGINEERING, UNDER THE SUPERVISION OF A  
5 PROFESSIONAL ENGINEER, OR SIMILARLY QUALIFIED ENGINEER, FOR THE  
6 FINAL EXAMINATION PRESCRIBED FOR LICENSURE AS A PROFESSIONAL  
7 ENGINEER.

8 \* \* \*

9 SECTION 4. GENERAL POWERS OF BOARD.--THE BOARD SHALL HAVE  
10 POWER--

11 \* \* \*

12 (B) LICENSING PROFESSIONAL ENGINEERS, PROFESSIONAL LAND  
13 SURVEYORS AND PROFESSIONAL GEOLOGISTS.--TO PROVIDE FOR AND TO  
14 REGULATE THE LICENSING, AND TO LICENSE TO ENGAGE IN THE PRACTICE  
15 OF ENGINEERING, LAND SURVEYING OR GEOLOGY ANY PERSON OF GOOD  
16 MORAL CHARACTER [AND REPUTE WHO SPEAKS AND WRITES THE ENGLISH  
17 LANGUAGE], IF SUCH PERSON EITHER--

18 (1) HOLDS AN UNEXPIRED LICENSE OR CERTIFICATE OF  
19 REGISTRATION ISSUED TO [HIM] THE PERSON BY PROPER AUTHORITY OF  
20 SOME OTHER STATE, FOREIGN COUNTRY OR TERRITORY OF THE UNITED  
21 STATES IN WHICH THE REQUIREMENTS AND QUALIFICATIONS TO ENGAGE IN  
22 THE PRACTICE OF ENGINEERING, LAND SURVEYING OR GEOLOGY WERE AT  
23 THE TIME OF THE INITIAL ISSUANCE OF [SUCH] THE LICENSE OR  
24 CERTIFICATE OF REGISTRATION AT LEAST EQUAL TO THE EXISTING  
25 STANDARDS OF THIS COMMONWEALTH: PROVIDED, HOWEVER, THAT SUCH  
26 OTHER STATE, TERRITORY OR FOREIGN COUNTRY SHALL SIMILARLY  
27 LICENSE OR REGISTER PROFESSIONAL ENGINEERS, PROFESSIONAL LAND  
28 SURVEYORS OR PROFESSIONAL GEOLOGISTS LICENSED AND REGISTERED IN  
29 THIS COMMONWEALTH. A PERSON MAY BE LICENSED UNDER THIS  
30 SUBSECTION WITHOUT EXAMINATION.

1 (2) IN RELATION TO ENGINEERS AND SURVEYORS, HOLDS A  
2 CERTIFICATE OF QUALIFICATIONS ISSUED BY THE NATIONAL BUREAU OF  
3 ENGINEERING REGISTRATION OF THE NATIONAL COUNCIL OF EXAMINERS  
4 FOR ENGINEERING AND SURVEYING: PROVIDED, THE REQUIREMENTS AND  
5 QUALIFICATIONS OF SAID BODIES TO ENGAGE IN THE PRACTICE OF  
6 ENGINEERING OR LAND SURVEYING ARE AT LEAST EQUAL TO THE  
7 STANDARDS OF THIS COMMONWEALTH. A PERSON MAY BE LICENSED UNDER  
8 THIS SUBSECTION WITHOUT EXAMINATION.

9 IN CARRYING INTO EFFECT CLAUSES (1) AND (2) OF SUBSECTION (B)  
10 OF THIS SECTION IN RELATION TO ENGINEERS AND SURVEYORS THE BOARD  
11 MAY IN ITS DISCRETION ENTER INTO AGREEMENTS FOR RECIPROCITY WITH  
12 THE NATIONAL COUNCIL OF EXAMINERS FOR ENGINEERING AND SURVEYING  
13 AND WITH STATES UNDER SUCH RULES AND REGULATIONS AS THE BOARD  
14 MAY PRESCRIBE.

15 (3) COMPLIES WITH THE EDUCATION AND EXPERIENCE CRITERIA AND  
16 SUCCESSFULLY COMPLETES THE TWO-EXAMINATION PROCESS FOR LICENSING  
17 AS A PROFESSIONAL ENGINEER, AS SET FORTH IN SECTION 4.2, OR AS A  
18 PROFESSIONAL LAND SURVEYOR, AS SET FORTH IN SECTION 4.3 OR THE  
19 EXAMINATION PROCESS FOR LICENSING AS A PROFESSIONAL GEOLOGIST AS  
20 SET FORTH IN SECTION 4.4.

21 (B.1) INDIVIDUALIZED ASSESSMENT OF MORAL CHARACTER.--IN  
22 ASSESSING THE MORAL CHARACTER OF AN APPLICANT WITH A CRIMINAL  
23 CONVICTION UNDER SUBSECTION (B), THE BOARD SHALL CONDUCT AN  
24 INDIVIDUALIZED ASSESSMENT IN ACCORDANCE WITH 63 PA.C.S. § 3113  
25 (RELATING TO CONSIDERATION OF CRIMINAL CONVICTIONS).

26 \* \* \*

27 (G) SUSPENSION AND REVOCATION OF LICENSES; REGISTRATIONS AND  
28 CERTIFICATES; REINSTATEMENTS.--TO SUSPEND OR REVOKE THE LICENSE  
29 AND REGISTRATION OF ANY PROFESSIONAL ENGINEER, PROFESSIONAL LAND  
30 SURVEYOR OR PROFESSIONAL GEOLOGIST OR THE CERTIFICATE OF ANY

1 [ENGINEER-IN-TRAINING] ENGINEER INTERN, GEOLOGIST-IN-TRAINING OR  
2 SURVEYOR-IN-TRAINING, WHO IS FOUND GUILTY BY THE BOARD, BY A  
3 MAJORITY VOTE OF ALL ITS MEMBERS, OF THE PRACTICE OF ANY FRAUD,  
4 DECEIT OR MISREPRESENTATION IN OBTAINING HIS LICENSE,  
5 CERTIFICATION OR REGISTRATION, OR OF GROSS NEGLIGENCE,  
6 INCOMPETENCY OR MISCONDUCT IN THE PRACTICE OF ENGINEERING, IN  
7 THE PRACTICE OF LAND SURVEYING OR IN THE PRACTICE OF GEOLOGY, OR  
8 OF VIOLATION OF THE CODE OF ETHICS OF THE ENGINEERING  
9 PROFESSION, AND TO REINSTATE SUSPENDED LICENSES, REGISTRATIONS  
10 AND CERTIFICATES IN ANY CASES WHERE A MAJORITY OF ALL THE  
11 MEMBERS OF THE BOARD SHALL DETERMINE THE SAME TO BE JUST AND  
12 PROPER. UNLESS ORDERED TO DO SO BY A COURT, THE BOARD SHALL NOT  
13 REINSTATE THE LICENSE, CERTIFICATE OR REGISTRATION OF A PERSON  
14 TO PRACTICE AS A PROFESSIONAL ENGINEER, PROFESSIONAL LAND  
15 SURVEYOR, PROFESSIONAL GEOLOGIST OR AN [ENGINEER-IN-TRAINING]  
16 ENGINEER INTERN, GEOLOGIST-IN-TRAINING OR A SURVEYOR-IN-TRAINING  
17 WHICH HAS BEEN REVOKED, AND [SUCH] THE PERSON [SHALL BE] IS  
18 REQUIRED TO APPLY FOR A LICENSE, CERTIFICATE OR REGISTRATION  
19 AFTER A PERIOD OF FIVE YEARS IN ACCORDANCE WITH SECTION 2 IF  
20 [HE] THE PERSON DESIRES TO PRACTICE AT ANY TIME AFTER SUCH  
21 REVOCATION. THE BOARD SHALL REQUIRE A PERSON WHOSE LICENSE OR  
22 REGISTRATION HAS BEEN SUSPENDED OR REVOKED TO RETURN THE LICENSE  
23 OR REGISTRATION IN SUCH MANNER AS THE BOARD DIRECTS. FAILURE TO  
24 DO SO SHALL BE A MISDEMEANOR OF THE THIRD DEGREE. MISCONDUCT IN  
25 THE PRACTICE OF ENGINEERING, LAND SURVEYING OR GEOLOGY SHALL  
26 INCLUDE, BUT NOT BE LIMITED TO CONVICTION FOR A CRIMINAL OFFENSE  
27 SUCH AS EXTORTION, BRIBERY OR FRAUD OR ENTRY OF A PLEA OF NOLO  
28 CONTENDERE TO A CHARGE THEREOF FOR CONDUCT RELATING TO THE  
29 PRACTICE OF ENGINEERING, LAND SURVEYING OR GEOLOGY, OR HAS  
30 VIOLATED ANY PROVISION OF THIS ACT OR ANY REGULATION PROMULGATED

1 BY THE BOARD. FOR THE PURPOSES OF THIS SUBSECTION, THE CODE OF  
2 ETHICS IS AS FOLLOWS:

3 IT SHALL BE CONSIDERED UNPROFESSIONAL AND INCONSISTENT WITH  
4 HONORABLE AND DIGNIFIED BEARING FOR [ANY] A PERSON WHO IS A  
5 PROFESSIONAL ENGINEER, PROFESSIONAL LAND SURVEYOR OR  
6 PROFESSIONAL GEOLOGIST:

7 (1) TO ACT FOR [HIS] THE PERSON'S CLIENT OR EMPLOYER IN  
8 PROFESSIONAL MATTERS OTHERWISE THAN AS A FAITHFUL AGENT OR  
9 TRUSTEE, OR TO ACCEPT ANY REMUNERATION OTHER THAN [HIS] THE  
10 PERSON'S STATED RECOMPENSE FOR SERVICES RENDERED.

11 (2) TO ATTEMPT TO INJURE FALSELY OR MALICIOUSLY, DIRECTLY OR  
12 INDIRECTLY, THE PROFESSIONAL REPUTATION, PROSPECTS OR BUSINESS  
13 OF ANYONE.

14 (3) TO ATTEMPT TO SUPPLANT ANOTHER ENGINEER, LAND SURVEYOR  
15 OR GEOLOGIST AFTER DEFINITE STEPS HAVE BEEN TAKEN TOWARD [HIS]  
16 THE OTHER'S EMPLOYMENT.

17 (4) TO COMPETE WITH ANOTHER ENGINEER, LAND SURVEYOR OR  
18 GEOLOGIST FOR EMPLOYMENT BY THE USE OF UNETHICAL PRACTICES.

19 (5) TO REVIEW THE WORK OF ANOTHER ENGINEER, LAND SURVEYOR OR  
20 GEOLOGIST FOR THE SAME CLIENT, EXCEPT WITH THE KNOWLEDGE OF  
21 [SUCH] THAT ENGINEER, LAND SURVEYOR OR GEOLOGIST, OR UNLESS THE  
22 CONNECTION OF [SUCH] THAT ENGINEER, LAND SURVEYOR OR GEOLOGIST  
23 WITH THE WORK HAS TERMINATED.

24 (6) TO ATTEMPT TO OBTAIN OR RENDER TECHNICAL SERVICES OR  
25 ASSISTANCE WITHOUT FAIR AND JUST COMPENSATION COMMENSURATE WITH  
26 THE SERVICES RENDERED: PROVIDED, HOWEVER, THE DONATION OF [SUCH]  
27 THE SERVICES TO A CIVIC, CHARITABLE, RELIGIOUS OR ELEEMOSYNARY  
28 ORGANIZATION SHALL NOT BE DEEMED A VIOLATION.

29 (7) TO ADVERTISE IN SELF-LAUDATORY LANGUAGE, OR IN ANY OTHER  
30 MANNER, DEROGATORY TO THE DIGNITY OF THE PROFESSION.

1 (8) TO ATTEMPT TO PRACTICE IN ANY FIELD OF ENGINEERING, LAND  
2 SURVEYING OR GEOLOGY IN WHICH THE REGISTRANT IS NOT PROFICIENT.

3 (9) TO USE OR PERMIT THE USE OF [HIS] THE PERSON'S  
4 PROFESSIONAL SEAL ON WORK OVER WHICH [HE] THE PERSON WAS NOT IN  
5 RESPONSIBLE CHARGE.

6 (10) TO AID OR ABET ANY PERSON IN THE PRACTICE OF  
7 ENGINEERING, LAND SURVEYING OR GEOLOGY NOT IN ACCORDANCE WITH  
8 THE PROVISION OF THIS ACT OR PRIOR LAWS.

9 THE BOARD SHALL APPOINT, WITH THE APPROVAL OF THE GOVERNOR,  
10 SUCH HEARING EXAMINERS AS SHALL BE NECESSARY TO CONDUCT HEARINGS  
11 AS MAY BE REQUIRED UNDER THIS SUBSECTION.

12 THE BOARD SHALL HAVE THE POWER TO ADOPT AND PROMULGATE RULES  
13 AND REGULATIONS SETTING FORTH THE FUNCTIONS, POWERS, STANDARDS  
14 AND DUTIES TO BE FOLLOWED BY THE HEARING EXAMINERS.

15 THE HEARING EXAMINERS SHALL HAVE THE POWER TO CONDUCT  
16 HEARINGS IN ACCORDANCE WITH THE REGULATIONS OF THE BOARD, AND TO  
17 ISSUE SUBPOENAS REQUIRING THE ATTENDANCE AND TESTIMONY OF  
18 INDIVIDUALS OR THE PRODUCTION OF, PERTINENT BOOKS, RECORDS,  
19 DOCUMENTS AND PAPERS BY PERSONS WHOM THEY BELIEVE TO HAVE  
20 INFORMATION RELEVANT TO ANY MATTER PENDING BEFORE THE EXAMINER.

21 [SUCH] THE EXAMINER SHALL ALSO HAVE THE POWER TO ADMINISTER  
22 OATHS.

23 THE HEARING EXAMINER SHALL HEAR EVIDENCE SUBMITTED AND  
24 ARGUMENTS OF COUNSEL, IF ANY, WITH REASONABLE DISPATCH, AND  
25 SHALL PROMPTLY RECORD HIS DECISION, SUPPORTED BY FINDINGS OF  
26 FACT, AND A COPY THEREOF SHALL IMMEDIATELY BE SENT TO THE BOARD  
27 AND TO COUNSEL OF RECORD, OR THE PARTIES, IF NOT REPRESENTED.

28 IF APPLICATION FOR REVIEW IS MADE TO THE BOARD WITHIN TWENTY  
29 DAYS FROM THE DATE OF ANY DECISION MADE AS A RESULT OF A HEARING  
30 HELD BY A HEARING EXAMINER, THE BOARD SHALL REVIEW THE EVIDENCE,

1 AND IF DEEMED ADVISABLE BY THE BOARD, HEAR ARGUMENT AND  
2 ADDITIONAL EVIDENCE. AS SOON AS PRACTICABLE, THE BOARD SHALL  
3 MAKE A DECISION AND SHALL FILE THE SAME WITH ITS FINDING OF THE  
4 FACTS ON WHICH IT IS BASED AND SEND A COPY THEREOF TO EACH OF  
5 THE PARTIES IN DISPUTE.

6 \* \* \*

7 SECTION 2. SECTIONS 4.2(A), (B) AND (C), 4.4(B)(1), 4.5(C),  
8 5, 9(A) AND 11(A) OF THE ACT ARE AMENDED TO READ:

9 SECTION 4.2. PROCEDURE FOR LICENSING AS PROFESSIONAL  
10 ENGINEER.-- (A) AN APPLICANT FOR LICENSURE AS A PROFESSIONAL  
11 ENGINEER SHALL SATISFACTORILY COMPLETE THE ENGINEERING  
12 FUNDAMENTALS EXAMINATION AND BECOME CERTIFIED AS AN [~~ENGINEER-~~  
13 ~~IN-TRAINING~~] ENGINEER INTERN AND SUBSEQUENTLY SHOW EVIDENCE OF  
14 EXPERIENCE SATISFACTORY TO THE BOARD TO PREPARE [~~HIM~~] THE  
15 APPLICANT FOR THE ENGINEERING PRINCIPLES AND PRACTICE  
16 EXAMINATION.

17 (B) (1) AN APPLICANT FOR THE [~~ENGINEER-IN-TRAINING~~]  
18 ENGINEER INTERN CERTIFICATE SHALL SHOW SATISFACTORY EVIDENCE OF:

19 (I) GRADUATION FROM AN APPROVED ENGINEERING CURRICULUM OF  
20 FOUR OR MORE YEARS; OR

21 (II) EIGHT OR MORE YEARS OF PROGRESSIVE EXPERIENCE IN  
22 ENGINEERING WORK AND KNOWLEDGE, SKILL AND EDUCATION  
23 APPROXIMATING THAT ATTAINED THROUGH GRADUATION FROM AN APPROVED  
24 ENGINEERING CURRICULUM.

25 (2) AN ENGINEERING STUDENT WHO HAS COMPLETED TWO OR MORE  
26 YEARS OF AN APPROVED PROGRAM IN ENGINEERING MAY, SUBJECT TO  
27 BOARD APPROVAL, SIT FOR THE EXAMINATION; BUT [~~SUCH~~] THE STUDENT  
28 SHALL NOT BE ELIGIBLE FOR CERTIFICATION UNTIL [~~HE~~] THE STUDENT  
29 SHOWS PROOF OF GRADUATION.

30 (3) AN APPLICANT WHO SATISFACTORILY COMPLETES THE



1 EXAMINATION IN ENGINEERING FUNDAMENTALS SHALL BE CERTIFIED AS AN  
2 [~~ENGINEER-IN-TRAINING~~] ENGINEER INTERN WITHOUT TIME LIMITATION  
3 AND MAY REMAIN CERTIFIED UNTIL SUCH TIME AS [~~HE~~] THE APPLICANT  
4 BECOMES LICENSED UNDER THIS ACT AS A PROFESSIONAL ENGINEER.

5 (C) AN APPLICANT WHO IS A CERTIFIED [~~ENGINEER-IN-TRAINING~~]  
6 ENGINEER INTERN MAY APPLY FOR LICENSURE AND SHALL PASS THE  
7 EXAMINATION IN ENGINEERING PRINCIPLES AND PRACTICE. TO QUALIFY  
8 FOR THE PRINCIPLES AND PRACTICE EXAMINATION, AN APPLICANT SHALL,  
9 IN ADDITION TO HOLDING THE [~~ENGINEER-IN-TRAINING~~] ENGINEER  
10 INTERN CERTIFICATE, SHOW SATISFACTORY PROOF OF:

11 (1) FOUR OR MORE YEARS OF PROGRESSIVE EXPERIENCE IN  
12 ENGINEERING WORK PERFORMED [~~AFTER THE ISSUANCE OF THE ENGINEER-~~  
13 ~~IN-TRAINING CERTIFICATE AND~~] UNDER THE SUPERVISION OF A  
14 PROFESSIONAL ENGINEER OR A SIMILARLY QUALIFIED ENGINEER OF A  
15 GRADE AND CHARACTER TO [~~FIT HIM~~] QUALIFY THE APPLICANT TO ASSUME  
16 RESPONSIBLE CHARGE OF THE WORK INVOLVED IN THE PRACTICE OF  
17 ENGINEERING; OR

18 (2) FOUR OR MORE YEARS OF PROGRESSIVE TEACHING EXPERIENCE IN  
19 AN APPROVED CURRICULUM UNDER THE SUPERVISION OF A PROFESSIONAL  
20 ENGINEER OR A SIMILARLY QUALIFIED ENGINEER OF A GRADE OR  
21 CHARACTER TO [~~FIT HIM~~] QUALIFY THE APPLICANT TO ASSUME  
22 RESPONSIBLE CHARGE OF THE WORK INVOLVED IN THE PRACTICE OF  
23 ENGINEERING.

24 \* \* \*

25 SECTION 4.4. PROCEDURE FOR LICENSING AS PROFESSIONAL  
26 GEOLOGIST.--\* \* \*

27 (B) AN APPLICANT SHALL BE QUALIFIED TO BE LICENSED AFTER  
28 SUBMISSION OF PROOF SATISFACTORY TO THE BOARD THAT THE  
29 APPLICANT:

30 (1) IS OF GOOD MORAL CHARACTER. IN ASSESSING THE MORAL

1 CHARACTER OF AN APPLICANT WITH A CRIMINAL CONVICTION, THE BOARD  
2 SHALL CONDUCT AN INDIVIDUALIZED ASSESSMENT IN ACCORDANCE WITH 63  
3 PA.C.S. § 3113 (RELATING TO CONSIDERATION OF CRIMINAL  
4 CONVICTIONS).

5 \* \* \*

6 Section 4.5. Continuing Professional Competency  
7 Requirements.--\* \* \*

8 (c) Each licensee shall be required to obtain twenty-four  
9 PDH units during the biennial renewal period. If a licensee  
10 exceeds the requirement in any renewal period, a maximum of  
11 twelve PDH units may be carried forward into the subsequent  
12 renewal period. PDH units may be earned as follows:

13 (1) Successful completion of college courses relevant to  
14 professional practice.

15 (2) Completion of continuing education courses relevant to  
16 professional practice.

17 (3) Completion of [correspondence, televised, videotaped and  
18 other short courses or tutorials relevant to professional  
19 practice.] distance learning courses if the course relates to  
20 professional practice and the PDH units awarded are verifiable  
21 and measurable by the actual hours of instruction.

22 (4) Completion of seminars, employer-sponsored courses,  
23 workshops or professional or technical presentations made at  
24 meetings, conventions or conferences relevant to professional  
25 practice.

26 (5) Teaching, presenting or instructing in any of the  
27 activities listed in clauses (1), (2), (3) and (4).

28 (6) Authoring published papers, articles or books relevant  
29 to professional practice.

30 (7) Obtaining patents relevant to professional practice.

1 \* \* \*

2 Section 5. Exemption from Licensure and Registration.--

3 Except as specifically provided in this section, this act shall  
4 not be construed to require licensure and registration in the  
5 following cases:

6 (a) The practice of engineering, land surveying or geology  
7 by any person who acts under the supervision of a professional  
8 engineer, professional land surveyor or geologist, respectively,  
9 or by an employe of a person lawfully engaged in the practice of  
10 engineering, land surveying or geology and who, in either event,  
11 does not assume responsible charge of design or supervisions[;].

12 (b) The practice of engineering, land surveying or geology,  
13 not exceeding thirty days in the aggregate in one calendar year,  
14 by a nonresident not having a place of business in this  
15 Commonwealth, if such person is legally qualified to engage in  
16 the practice of engineering, land surveying or geology in the  
17 state or territory of [his] THE PERSON'S residence: Provided, <--  
18 That standards of such state or territory are at least equal to  
19 the standards of this Commonwealth[;].

20 (c) The practice of engineering, land surveying or geology  
21 by officers and employes of the United States Government for the  
22 said government[;].

23 (d) Except as otherwise provided in subsection (g) of this  
24 section, the practice of engineering or land surveying by a  
25 regular employe, contractor or agent of a public utility  
26 company, as defined by the Public Utility Code (66 Pa.C.S. § 101  
27 et seq.) in connection with the facilities of such public  
28 utility, which are subject to regulation by the Pennsylvania  
29 Public Utility Commission: Provided, That such public utility  
30 shall employ at least one professional engineer, as defined in

1 this act, who shall be in responsible charge of such utility's  
2 engineering work and shall employ at least one professional land  
3 surveyor, as defined in this act, who shall be in responsible  
4 charge of such utility's land surveying[;].

5 (e) The practice of architecture by a duly registered  
6 architect, and the doing of such engineering work as is  
7 incidental to [his] THE architectural work[;]. <--

8 (f) The practice of engineering, land surveying or geology  
9 by any person or by any employe of any copartnership,  
10 association or corporation upon property owned by such person or  
11 such copartnership, association or corporation, unless such  
12 practice affects the public safety or health or the property of  
13 some other person or entity.

14 (f.1) The practice of engineering or land surveying by a  
15 regular employe, CONTRACTOR or agent of an electric cooperative <--  
16 corporation, as defined in 15 Pa.C.S. § 7302 (relating to  
17 application of chapter), in connection with the facilities of  
18 the electric cooperative, provided that the electric cooperative  
19 corporation or agent thereof either shall employ at least one  
20 professional engineer or professional land surveyor or belongs  
21 to a Pennsylvania electric cooperative association that employs  
22 a professional engineer or professional land surveyor.

23 (g) The practice of engineering, land surveying or geology  
24 work by a manufacturing, mining, communications common carrier,  
25 research and development or other industrial corporation or by  
26 employes of such corporation, provided such work is in  
27 connection with or incidental to products of, or non-engineering  
28 services rendered by, such corporation or its affiliates.

29 (h) The running of lines or grades and layout work on or  
30 within established property limits, or from established points

1 outside the property limits to or within such property limits  
2 when performed by a contractor or home builder in conjunction  
3 with the construction, reconstruction, alteration, maintenance  
4 or demolition of a structure or other facility.

5 (i) The writing of deed descriptions and narrative  
6 descriptions utilizing information from a survey.

7 (j) The preparation of shop drawings or the performance of  
8 construction management services by persons customarily engaged  
9 in construction work.

10 (k) The practice of individuals providing geologic services  
11 to businesses engaged in the exploration or development of gas  
12 or oil.

13 (l) The practice of engineering, land surveying or geology  
14 work by the employes, contractors or agents of a provider of  
15 cable service, voice over Internet protocol service, broadband  
16 Internet access service or any other service delivered over a  
17 cable system, a provider of enhanced telecommunications services  
18 or a provider of telecommunications services, if those services  
19 are in connection with or incidental to products of, or  
20 nonengineering, land surveying or geology services rendered by  
21 the company.

22 ~~Section 3. This act shall take effect in 60 days.~~ <--

23 SECTION 9. FEES.--(A) THE FEE FOR AN APPLICANT FOR <--  
24 LICENSURE AS A PROFESSIONAL ENGINEER, PROFESSIONAL LAND SURVEYOR  
25 OR PROFESSIONAL GEOLOGIST, INCLUDING EXAMINATION, AND FOR  
26 EXAMINATION OR CERTIFICATION, OR BOTH, AS AN [ENGINEER-IN-  
27 TRAINING] ENGINEER INTERN OR A SURVEYOR-IN-TRAINING, SHALL BE AS  
28 FIXED BY THE BOARD BY REGULATION AND SHALL BE SUBJECT TO REVIEW  
29 IN ACCORDANCE WITH THE ACT OF JUNE 25, 1982 (P.L.633, NO.181),  
30 KNOWN AS THE "REGULATORY REVIEW ACT." IF THE REVENUES GENERATED

1 BY FEES, FINES AND CIVIL PENALTIES IMPOSED IN ACCORDANCE WITH  
2 THE PROVISIONS OF THIS ACT ARE NOT SUFFICIENT TO MATCH  
3 EXPENDITURES OVER A TWO-YEAR PERIOD, THE BOARD SHALL INCREASE  
4 THOSE FEES BY REGULATION, SUBJECT TO REVIEW IN ACCORDANCE WITH  
5 THE "REGULATORY REVIEW ACT," SUCH THAT THE PROJECTED REVENUES  
6 WILL MEET OR EXCEED PROJECTED EXPENDITURES.

7 \* \* \*

8 SECTION 11. PENALTIES.--(A) [WHOEVER SHALL ENGAGE] A PERSON  
9 WHO ENGAGES IN THE PRACTICE OF ENGINEERING, THE PRACTICE OF LAND  
10 SURVEYING OR THE PRACTICE OF GEOLOGY WITHOUT BEING LICENSED AND  
11 REGISTERED AS REQUIRED BY THIS ACT, OR EXEMPTED THEREFROM, AS  
12 PROVIDED IN THIS ACT, OR SHALL PRESENT OR ATTEMPT TO USE, AS  
13 [HIS] THE PERSON'S OWN, THE LICENSE OR CERTIFICATE OF  
14 REGISTRATION OF ANOTHER, OR SHALL GIVE ANY FALSE OR FORGED  
15 EVIDENCE OF ANY KIND TO THE BOARD, OR TO ANY MEMBER THEREOF, IN  
16 ORDER TO OBTAIN A LICENSE OR REGISTRATION AS A PROFESSIONAL  
17 ENGINEER, PROFESSIONAL LAND SURVEYOR OR PROFESSIONAL GEOLOGIST  
18 OR A CERTIFICATE AS AN [ENGINEER-IN-TRAINING] ENGINEER INTERN OR  
19 SURVEYOR-IN-TRAINING, OR SHALL USE ANY EXPIRED, SUSPENDED OR  
20 REVOKED CERTIFICATE OF REGISTRATION, OR SHALL OTHERWISE VIOLATE  
21 THE PROVISIONS OF THIS ACT, SHALL BE GUILTY OF A SUMMARY OFFENSE  
22 AND UPON CONVICTION THEREOF FOR A FIRST OFFENSE, SHALL BE  
23 SENTENCED TO PAY A FINE NOT EXCEEDING ONE THOUSAND DOLLARS, OR  
24 SUFFER IMPRISONMENT, NOT EXCEEDING THREE MONTHS, OR BOTH AND FOR  
25 A SECOND OR SUBSEQUENT OFFENSE SHALL BE GUILTY OF A FELONY, AND  
26 UPON CONVICTION THEREOF, SHALL BE SENTENCED TO PAY A FINE OF NOT  
27 LESS THAN TWO THOUSAND DOLLARS BUT NOT MORE THAN FIVE THOUSAND  
28 DOLLARS OR TO IMPRISONMENT FOR NOT LESS THAN ONE YEAR BUT NOT  
29 MORE THAN TWO YEARS, OR BOTH.

30 \* \* \*

1 SECTION 3. A REFERENCE TO "ENGINEER-IN-TRAINING" IN A  
2 PROVISION OF 49 PA. CODE CH. 37 SHALL BE DEEMED TO BE A  
3 REFERENCE TO AN ENGINEER INTERN.

4 SECTION 4. A PERSON WHO HAS BEEN AWARDED A CERTIFICATE AS AN  
5 ENGINEER-IN-TRAINING PRIOR TO THE EFFECTIVE DATE OF THIS SECTION  
6 SHALL BE DEEMED TO HAVE BEEN AWARDED A CERTIFICATE AS AN  
7 ENGINEER INTERN.

8 SECTION 5. THIS ACT SHALL TAKE EFFECT IN 60 DAYS.