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Land Surveyors Act 1942.

REGULATIONS FOR THE EXAMINATION AND REGISTRATION
OF SURVEYORS.

WHEREAS by section 15 of the *Land Surveyors Act 1942*, power is given to the Surveyors Board constituted under the said Act to make Regulations for certain stated purposes, *inter alia*, the examination and registration of Surveyors, with the approval of the Governor in Council: Now, therefore, the said Board doth hereby make the regulations following, to come into force as from and inclusive of the 1st July, 1948, in lieu of the Regulations previously made and published in the *Government Gazettes* on the 22nd December, 1943, and 11th September, 1945, that is to say:—

These Regulations shall be cited as the Land Surveyors Regulations, Part 1.

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INTERPRETATIONS.

In these Regulations, unless inconsistent with the context or subject-matter, the following terms shall have the meaning set out against each respectively:—

- “ Act ”.—The *Land Surveyors Act 1942*.
- “ Board ”.—The Surveyors Board constituted under the Act.
- “ Examination ”.—The examination conducted by the Board of a person seeking to obtain a Certificate of Competency.
- “ Indentures of Apprenticeship ”.—Any writing containing a contract or agreement for tuition in surveying made between a surveyor and a person seeking to qualify himself for registration as a surveyor.
- “ Office Experience ”.—That period of service under Indentures of Apprenticeship spent on office work, such as computations and plans, appertaining to surveying.
- “ Pupil ”.—A person who is serving under Indentures of Apprenticeship registered by the Board or by a reciprocating Board.
- “ Real Property Acts ”.—The *Transfer of Land Act 1928*, and the *Property Law Act 1928*.
- “ Reciprocating Board ”.—The duly constituted Board in a reciprocating State.
- “ Reciprocating State ”.—Any part of His Majesty's Dominions (including the United Kingdom) with the Surveyors Board or other similar authority of which the Board has entered into reciprocal arrangements which are for the time being in force.
- “ Schedule ”.—Schedule to these Regulations.
- “ Secretary ”.—The Secretary to the Board.
- “ Subject ”.—Subject as set out in Regulation 19 and numbered accordingly.
- “ Surveyor ”.—Any person registered under the Act as a licensed Surveyor.
- “ University ”.—The University of Melbourne, or a University recognized by the University of Melbourne.

INDENTURES OF APPRENTICESHIP.

1. Indentures of Apprenticeship shall be drawn in the form prescribed in Schedule 6, subject to such alteration or omissions as may be approved by the Board, and the Board may for sufficient cause direct that such Indentures be made explicit in any particular.

2. (1) Before entering into Indentures of Apprenticeship, a person shall produce evidence that he has passed—

- (a) the matriculation or entrance examination of a University, or
- (b) an examination accepted by a University as being equivalent to the matriculation or entrance examination, or
- (c) the Leaving Certificate examination of the University of Melbourne or the corresponding examination in a reciprocating State, or
- (d) in five subjects approved by the Board, at such Leaving Certificate examination or corresponding examination.

Provided that in each case, the pass obtained shall include the subjects, English, Algebra, Geometry, and Trigonometry at a standard not below that of the Leaving Certificate examination of the University of Melbourne.

(2) After the 31st December, 1950, no Certificate of Competency shall be issued to a candidate who has not obtained at a public examination a pass in Physics at the Leaving Certificate Standard or a credit in that subject at a Board examination.

3. (1) The Indentures of Apprenticeship duly completed shall within three months from the date of commencement of the Apprenticeship specified therein, be forwarded to the Secretary by the Surveyor who is a party thereto, together with the following requirements:—

- (a) Evidence that the applicant for apprenticeship has obtained the educational qualifications specified in Regulation 2.
- (b) Evidence of the date of birth of the applicant; and
- (c) The fee for registration of Indentures of Apprenticeship as prescribed in Schedule 5.

(2) An application for Assignment of Indentures of Apprenticeship in the form prescribed in Schedule 7, subject to such alteration or omissions as may be approved by the Board, shall be made to the Board by the surveyor to whom such Indentures are to be assigned, and shall be lodged with the Secretary within three months from the date of such assignment, together with the following requirements:—

- (a) A certificate by the assignor as to the service of the pupil and the nature of the work upon which he had been engaged, and
- (b) the fee for registration of Assignment of Indentures of Apprenticeship as prescribed in Schedule 5.

4. (1) The Secretary, subject to the direction of the Board, shall as soon as possible after the receipt of any Indentures of Apprenticeship or any notice of Assignment thereof, record the same in the Register of Pupils kept in accordance with Regulation 27, and may retain any such Indentures or such assignment, or any authenticated copies thereof, with the records of the Board.

(2) In any special case arising, in the opinion of the Board, from inadvertence or accident, the Board may register any Indentures of Apprenticeship or Assignment of such Indentures received after the period of three months prescribed in Regulation 3.

5. (1) Registration of Indentures of Apprenticeship shall be refused by the Board if—

- (a) such Indentures do not in its opinion sufficiently allow for the theoretical instruction, or provide for the practical training of the candidate in the profession of surveying, or
- (b) the provisions of Regulations 1, 2, and 3 have not been complied with, or
- (c) the Surveyor who is a party thereto has another pupil who has had less than two years service under Indentures of Apprenticeship.

(2) Notwithstanding any of the provisions of this Regulation, the Board, until 31st December, 1951, may register the Indentures of Apprenticeship of one extra pupil, provided such pupil produces satisfactory evidence that he enlisted or was called up for service in the Military Forces of Australia or New Zealand.

(3) In no case shall any surveyor have more than three registered pupils at any one time.

(4) The Board may annul the registration of any Indentures of Apprenticeship, if such registration has been obtained consequent upon any misrepresentation of fact.

SERVICE UNDER INDENTURES OF APPRENTICESHIP.

6. Every pupil shall serve professionally under Indentures of Apprenticeship for a period of four years, such period being subject to any exemption or concession that may be granted under Regulation 8 or 9. Provided, however, that unless entitled to the exemption that may be granted under Regulation 8 (1) (e) every pupil shall spend at least two years of such period on land boundary definition. The remainder of his period of service, if any, may be spent in gaining experience in other survey work, and, up to a maximum of one year, office experience.

7. (1) Service under Indentures of Apprenticeship shall include not less than six months spent on boundary surveys in urban areas, and not less than six months spent on boundary surveys in rural areas.

(2) Service outside Victoria by any pupil under Indentures of Apprenticeship registered with the Board may be accepted provided that the Board is satisfied with the experience gained by such pupil, and with the certificate or certificates of service produced by him.

(3) Service by any pupil under Indentures of Apprenticeship registered with a reciprocating Board may be accepted provided that such Board forwards a certificate in the form prescribed in Schedule 1, together with a detailed statement of the class of work upon which the pupil had been engaged, signed by the surveyor who is a party to such Indentures and endorsed by the reciprocating Board.

(4) Any pupil, during the currency of his Indentures of Apprenticeship, may be required by the Board to produce such evidence as it deems necessary to prove that he is receiving instruction and gaining experience in the profession of surveying of a nature satisfactory to the Board.

(5) When the Board is of opinion that a pupil has not received sufficient training or gained sufficient experience in the profession of surveying during the period of his Indentures of Apprenticeship, it may require such pupil to obtain such additional training and experience as it deems necessary. Such additional training and experience need not, unless the Board otherwise directs, be under Indentures of Apprenticeship.

EXEMPTIONS FROM SERVICE UNDER INDENTURES OF APPRENTICESHIP.

8. (1) If a pupil produces documentary evidence satisfactory to the Board that he possesses the qualifications or experience detailed hereunder, he shall be granted an exemption to the appropriate extent herein set out.

Qualification.	Exemption.
(a) An experience of not less than twelve months in the field under the supervision of a civil engineer approved by the Board.	Six months' professional service in the field.
(b) A certificate or diploma in surveying granted after an examination of a standard approved by the Board, or by the reciprocating Board in the State where such examination is held, at which a person appointed or approved by the Board or by such reciprocating Board is a co-examiner.	Nine months' office experience.
(c) A certificate granted by a university upon passing an examination consequent upon completing a special course of surveying within the university.	Nine months' office experience.
(d) A degree or diploma granted by a university upon passing an examination consequent upon completion of a course which, in the opinion of the Board, provides sufficient training and instruction in the principles and practice of surveying.	Twelve months' office experience and twelve months' professional service in the field.
(e) A degree or diploma granted in accordance with sub-paragraph (d) when a representative of the Board, or of a reciprocating Board, acts as co-examiner in those subjects relating to surveying.	Twelve months' office experience and eighteen months' professional service in the field.

(2) No pupil shall be granted an exemption under sub-paragraph (d) or (e) of paragraph (1) unless he serves the term of his apprenticeship under indentures with a surveyor engaged primarily on land boundary surveys.

(3) No pupil shall be granted an exemption under more than one of sub-paragraphs (a), (b), (c), (d) and (e) of paragraph (1).

CONCESSIONS IN RESPECT OF SERVICE IN THE DEFENCE FORCES.

9. (1) Any pupil who produces evidence satisfactory to the Board that he enlisted or was called up for Defence Service shall be granted concessions as follow:—

- (a) Credit towards the term of his Indentures of Apprenticeship—
 - (i) of his full period of service abroad up to a maximum of two years,
 - (ii) of his period of service at home on survey work approved by the Board,
 - (iii) of half his period of service at home on non-survey work—
 - provided that the credits under (ii) and (iii) singly or together shall not exceed two years,
- (b) an additional period for the completion of the examination equal to his period of service whether at home or abroad,
- (c) permission, if he has completed two years' service under Indentures of Apprenticeship prior to service abroad, to present himself at any examination for any subject excepting subjects Nos. 13 to 16 inclusive.

(2) Any person who, before the 31st December, 1950, produces evidence satisfactory to the Board that he enlisted or was called up for Defence Service in the Military Forces of Australia or New Zealand and applies within two years of the date of his discharge to be registered as a pupil shall be entitled to the concessions enumerated in sub-paragraphs (a) and (b) of paragraph (1).

CONDUCT OF EXAMINATION.

10. Examinations of candidates for Certificates of Competency shall be conducted by the Board in the months of March and September in every year or at such times as the Board deems necessary and the Board shall appoint a supervisor for such examination.

11. Notice of the date of commencement of the examination and of the closing date for entry therein will be published by the Board in the *Government Gazette* at least one month prior to such date of commencement.

12. A candidate may sit for examination in a reciprocating State other than that in which he is registered and in which he has served under Indentures of Apprenticeship, provided that the respective Boards in the States concerned are satisfied as to the character and length of service under such Indentures and that he submits himself to all written papers and to the usual practical test and *viva voce* as to the practice of the State in which he desires to sit.

13. The Board may for sufficient cause permit any candidate to withdraw his application to sit for examination and may refund the whole or part of any fee paid by him.

14. Any fee paid by a candidate when making an application to present himself for examination, shall be refunded, if such application be disallowed by the Board.

15. For the purpose of the examination the Secretary shall allot to each candidate a distinguishing number, and the candidate shall put this number on each page of all workings, plans and papers submitted by him but shall not otherwise reveal his identity on such workings, plans and papers.

16. (1) Each candidate, when presenting himself for examination, shall provide for his own use thereat the following:—

A Nautical Almanac for the current year (when required), a book of mathematical tables approved by the Board, a set of standard scales, a parallel ruler (preferably 15 inch), a planimeter, a protractor and other appliances necessary for plan drawing.

(2) Paper for the examination will be provided by the Board.

(3) The use of traverse tables and slide rules will be allowed but not calculating machines.

17. The supervisor, during the currency of the examination, may require a candidate to produce for inspection any book of tables or papers used by him and, for sufficient cause, may prohibit such candidate from using such booklet or papers at the examination.

18. The supervisor may refuse to allow a candidate to continue with the examination if, in his opinion, the conduct of such candidate during the progress of the examination is deemed to be inconsistent with generally accepted ethical standards.

EXAMINATION SUBJECTS.

19. The subjects of examination shall be—

Written Section.

(1) Engineering Surveying A.

Elementary theory of Hydraulics; hydraulic terms and constants; use of pipe, channel and mean flow velocity formulae; gauging of streams, rivers and waterways; use of current meter for determining velocity of current and discharge of rivers and waterways; simple problems relating to irrigation, reticulation and land drainage; levelling; contouring; grading of roads; barometric measurement of heights.

(2) Computations A.

Problems regarding standardization of steel tapes, determination of working tension, sag and temperature corrections, reduction of traverses and co-ordinates; calculation of areas by double longitudes; calculation of offset areas; calculations in connexion with areas and dimensions of plane figures having rectilinear or curved boundaries; mensuration of surfaces and solids.

(3) Town and Country Planning A.

The principles of town, country and regional planning; zoning; communications and transport; the design and allocation of open spaces and recreational areas; by-laws; public services; amenities; preparation of civic survey and scheme plans inclusive of details of town design.

(4) Astronomy.

Spherical trigonometry; azimuth, altitude, hour angle, time, right ascension, declination and the relation between them; use of the Nautical Almanac; corrections to star or sun observations; effect of errors of adjustment of instruments; determination of azimuth, longitude, latitude and time.

(5) Aerial Surveying and Photogrammetry.

Flying specifications; flight maps, scales, weather conditions, lighting; aerial camera, types of camera, photographic materials; geometry of the aerial photographs, scale relationship, coverage, perspective qualities; relief and tilt displacements; photogrammetric optics, lenses, prisms, mirrors, filters; principles of stereoscopy including parallax measurements; graphic triangulation, Arundel method of minor control plotting, ground control; stereoscopic plotting methods, absolute and differential parallax; knowledge of principles involved in the rectifying and enlarging camera, epidiascope, stereocomparator, multiplex projector, autograph or other comparable plotting machine; determination of scale and azimuth of a graphic strip plot from survey control; preparation of mosaics; interpretation of aerial photographs, application of photographs to economic, social and scientific development.

(6) Land Classification and Land Utilization.

Geology as generally dealt with in any good elementary text book; specimens of rock may be submitted for classification and description; classification of areas of land according to physiography including geological formation, topography and climate related to vegetal growth; types and properties of soils and their relation to the basic physiographic factors; soil erosion and soil conservation; reclamation of land; farm products in relation to soils; types of pastures and their relation to basic physiographic factors, soils and vegetation; effect of river control and water conservation in land development; water supply and reticulation for farm development; land drainage and irrigation; economics of land subdivision for development; economic farm unit; farm planning; principles of afforestation; distribution of indigenous timbers and shrubs; economic values of timbers; existing and potential land uses.

Provided however that—

- (a) Any pupil registered prior to these Regulations coming into force will be examined by the Board in the subjects Geology and Forestry in lieu of Land Classification and Land Utilization unless he elects to sit for the latter subject, and in Physics as prescribed hereunder.

Geology.—The subject generally as contained in any good elementary text-book with special reference to the classification of areas of land according to their formation, rocks, soils, and their adaptability for industrial purposes. Specimens of rock may be submitted for classification and description.

Forestry.—The distribution of native timbers; their economic values; the influence of forestry on climate, water supplies and soil erosion; the principles of afforestation; the measurement of logs and sawn timbers; destructive agents and pests.

Physics.—The subject generally as contained in any good elementary text-book, with a more detailed knowledge of the laws underlying the construction and use of surveying instruments, e.g., the pressure of liquids and gases as affecting the barometer, thermometer, and level; the allowance to be made for the effects of heat in the practical work of the surveyor; the reflection and refraction of light, lenses, mirrors; terrestrial magnetism and variation of the compass.

- (b) After the 31st December, 1950, no paper in Physics will be set by the Board. A candidate will then be required to produce evidence of having passed therein at Leaving Certificate Standard at a public examination or of having obtained a credit in this subject at a Board examination.

(7) Computations B.

Computations connected with plane surveying, three point and similar problems; calculations of heights and distances; stadia surveying; calculations in connexion with mine surveying; adjustment of discrepancies in surveys; problems connected with setting out areas; calculation for setting out circular and parabolic curves and road secants.

(8) Engineering Surveying B.

Levelling including precise levelling, contouring, stadia surveying, tacheometry and preparation of the relevant plans and sections; location, grading and setting out roads, railways, irrigation works, drainage and water supply channels; setting out of banks, cuttings and other earth works; computations of quantities; setting out vertical curves; calculations of run off and flood discharge; determination of waterways for bridges and culverts; harbor and river surveys; hydrographic surveys; determination of mean sea level.

(9) Laws and Regulations affecting Surveys.

The Acts as listed in Schedule 8 and Regulations relating to—

- (a) Surveys of land for purposes of title; the subdivision of land; opening and closing of roads and rights of way; the taking of land for special purposes.
(b) Surveys of mines both surface and underground.

Every candidate shall be familiar with the general principles of the sections of the Acts listed and possess a detailed knowledge of those marked by an asterisk.

(10) Geodesy.

Figure of the earth; reduction of length to sea level; corrections for curvature and refraction; trigonometrical heights of stations; spherical excess; calculations of geodetic latitude and longitude, reverse azimuth and convergence of meridians; laying down parallels of latitude; elements of map projection with special emphasis on the Transverse Mercator and Lambert's Conformal projections; calculations for co-ordinates of the Transverse Mercator and Lambert's Conformal projections from latitude and longitude and vice versa; zoning and the scale factors involved; principles of and the general procedure for first and second order and minor triangulation,

including reconnaissance, observing, beaconing and permanent marking; field book practice, summaries and strength of figures; visibility of stations; base nets; resections; computations connected with triangulation and the use of tables of radii and curvature.

(11) Town and Country Planning B.

The application of planning principles to the design of areas for rural and urban subdivision including provision for access, drainage, amenities and reservations for public purposes. The preparation of designs with explanatory notes.

(12) Principles and Practice of Land Valuation.

General principles and definitions; stock carrying capacity; cost of development of various types of country; method of valuing all improvements; valuation of buildings, roads, drains, clearing and earthworks; Acts and Regulations affecting land values; methods of estimating compensation for land acquired by the Commonwealth or resumed by the State Governments; valuation of the fee simple of urban and rural properties and of interests less than fee simple; farm costs and returns; depreciation and obsolescence; influence of existing laws on land values.

Oral and Practical Section.

(13) The Adjustment and Use of Instruments.

(a) The principles of construction and practical tests in adjustment and use of all instruments required in modern field practice and office use.

(b) A practical test in the—

(i) use of the stereoscope for field examination of aerial photographs, at the discretion of the Board,

(ii) application of aerial photographs to mapping.

(14) Field Practice.

The practice of surveying; survey of an area as for title purposes including the preparation of a plan from the field notes thereof, under the supervision of the Board.

The plan prepared for this survey may take the place of one of the plans of survey, required under Regulation 20 (3).

(15) Practical Levelling.

Levelling a section at least 20 chains in length.

(16) Field Astronomy.

The practical determination of not less than two of the following:—azimuth, time, latitude.

ORDER OF TAKING THE SUBJECTS.

20. (1) Any pupil who has completed one or more of the terms of service specified in paragraph (2) hereof and desires to sit for corresponding subjects in the examination shall forward a written application to reach the Secretary on or before the closing date for entry, together with the following:—

(a) A certificate of service in the form and to the effect of Schedule 1 from the surveyor with whom he served under Indentures of Apprenticeship;

(b) a statement by the surveyor detailing the classes of professional work on which he was engaged during the term of his apprenticeship;

(c) the examination fee prescribed in Schedule 5.

(2) Term of Service.	Subjects.
One year	Nos. 1 to 3
Two years	Nos. 1 to 6
Three years	Nos. 1 to 9
Four years	Nos. 1 to 16

Provided that no candidate shall be permitted to sit for the Oral and Practical subjects numbered 13, 14, 15, and 16 until he has obtained credit for a pass in all the Written subjects numbered 1-12 inclusive.

(5) Any candidate who submits a degree granted by a University after an examination upon completion of a course which, in the opinion of the Board, has provided sufficient training in the principles and practice of surveying, and in connexion with which a representative of the Board or of a reciprocating Board was a co-examiner in the subjects relating to surveying, may, without further examination therein, receive credit for a pass in such of the subjects included in the written section of the examination which the Board may consider have been adequately covered by the subjects of the examination in which he passed in order to obtain such degree.

(6) Any candidate who passes in any subject shall be credited with a pass in such subject until five years after the completion of his Indentures of Apprenticeship, or if he has passed in no subject during the period of such Indentures, until five years after the first examination for which he sat after completing such Indentures.

Unless he has passed in all subjects before the completion of the five years specified, he shall lose all credits. He may enter for examination again, but shall be required to pass in all subjects within five years after the first date on which he again sits.

Provided that the said period of five years may be extended in accordance with Regulation 9 (1) (b).

CERTIFICATE OF COMPETENCY.

22. A Certificate of Competency in the form and to the effect of Schedule 2 shall be issued to each candidate who has been credited with a pass in all subjects prescribed in these Regulations.

REGISTRATION AS A SURVEYOR.

23. (1) The Board shall register as a Licensed Surveyor in accordance with the provisions of the Act such candidate who—

- (a) has been issued a Certificate of Competency,
- (b) has attained the age of twenty-one years,
- (c) has lodged with the Board two recent testimonials of character from approved persons,
- (d) is a natural born or naturalized subject of His Majesty, and
- (e) has paid the fee prescribed in Schedule 5.

(2) The Board shall grant to each candidate so registered a Licence in the form and to the effect of Schedule 3.

LETTER OF RECOMMENDATION.

24. Upon application in writing, and either with or without further examination, or after such oral examination as the Board may deem necessary, the Board may grant a letter of recommendation in the form or to the effect of Schedule 4, to any person to whom a Certificate of Competency has been issued or to any person licensed as a surveyor who desires to become licensed or registered as a surveyor in a reciprocating State.

An application for a letter of recommendation shall be accompanied by the fee therefor prescribed in Schedule 5.

REGISTRATION UPON QUALIFICATIONS OBTAINED IN A RECIPROCATING STATE.

25. A person who applies to the Board to be registered as a surveyor on qualifications obtained in a reciprocating State shall submit—

- (a) evidence that he holds a Certificate of Competency or is registered as a surveyor by a reciprocating Board;
- (b) evidence as to identity and good character;
- (c) evidence that he is at least 21 years of age and is a natural-born or naturalized subject of His Majesty; and
- (d) a letter of recommendation, dated not more than twelve months previously, from the reciprocating Board which granted his Certificate of Competency or Licence or with which he was last registered, provided, however, that if for any reason the applicant is unable to produce a letter of recommendation, he shall, before being registered, pass such examination under these Regulations as the Board may require.

Subject to compliance with the foregoing provisions, and after payment of the fee therefor prescribed in Schedule 5, the Board shall grant him a licence.

REGISTRATION UPON QUALIFICATION OBTAINED ELSEWHERE THAN IN A
RECIPROCATING STATE.

26. A land surveyor who applies to the Board to be registered as a surveyor on qualifications obtained in any other country, being part of His Majesty's dominions, including the United Kingdom, prepared to reciprocate in this particular with the reciprocating States, shall submit—

- (a) his credentials or qualification as a land surveyor;
- (b) evidence that such qualification is still in force;
- (c) evidence as to identity and character;
- (d) evidence that he has completed not less than six months' professional service in the field with a practising registered surveyor in one of the reciprocating States; and
- (e) a certificate of professional service generally in or to the effect of Schedule 1 from that surveyor that the applicant is competent to effect surveys on his own responsibility.

If the Board is satisfied with the evidence submitted and that the qualifications covered by the credentials are equivalent to those prescribed under these Regulations, he shall pass such further examination as the Board may require, and after payment of the fee prescribed in Schedule 5 shall be entitled to be registered as a surveyor and shall be granted a licence.

REGISTER.

27. The Secretary shall keep a register or registers setting out—
- (a) the names and addresses of all pupils together with the names of the licensed surveyors with whom they are under Indentures of Apprenticeship, and a complete record of all assignments of such Indentures.
 - (b) the names, addresses, and qualifications of all persons to whom Certificates of Competency have been issued, together with the dates of issue;
 - (c) the names and addresses of all persons licensed by the Board as surveyors, together with the dates of issue of their licences;
 - (d) all letters of recommendation, with dates of issue;
 - (e) the making of any order by the Board after inquiry into a charge laid against a Licensed Surveyor; and
 - (f) any appeal made against a decision of the Board and the finding thereon.

PROCEEDINGS OF THE BOARD.

28. Meetings of the Board shall be held on such dates and at such places as may be determined by the Chairman, or upon the request of three members addressed in writing to the Secretary.

29. Notice of meeting shall be given in writing to each Board member at least seven days before the date set for the meeting.

30. All moneys due to and received by the Board shall be deposited by the Secretary in a bank or banks approved by the Board to the credit of an account entitled "Surveyors Board Account" to be operated upon by cheques signed by any two members of the Board and countersigned by the Secretary. Such moneys shall be applied by the Board in accordance with the provisions of the Act.

31. The Secretary shall conduct the correspondence of the Board and keep all necessary books of accounts, and record all proceedings of the Board with the names of the members who attend each meeting. Such record shall at the same or the next or some subsequent meeting of the Board be confirmed and be signed by the Chairman of such meeting.

32. No resolution or other act of the Board at any meeting shall be revoked or altered at any subsequent meeting unless notice to move its revocation or amendment has been given to the Secretary, in writing, a copy of such notice has been forwarded to all members, and such revocation or amendment is determined upon by a majority consisting of at least two-thirds of the members present at such subsequent meeting.

33. At all meetings of the Board—

All members present shall vote.

All questions shall be decided by open voting and by the majority of the members present.

If there be an equal division of votes upon any question the Chairman presiding at the meeting shall have a second or casting vote in addition to his vote as a member.

SCHEDULES.

Schedule 1.

CERTIFICATE OF PROFESSIONAL SERVICE.

I, _____, a Surveyor licensed under the *Land Surveyors Act 1942*, hereby certify that _____ has been professionally and continuously employed under Indentures of Apprenticeship with me in the practice of surveying from _____ to _____, i.e., for a period of _____ years _____ months, of which _____ years _____ months have been occupied in professional service in the field *and that he is, in my opinion, fully competent to effect city or country surveys on his own responsibility.

Dated at _____ this _____ day of _____ 19 _____

* Leave out the underlined portion if not applicable or if the pupil has not completed the full term of his Indentures.

Schedule 2.

CERTIFICATE OF COMPETENCY.

No. _____

VICTORIA.

Land Surveyors Act 1942.

The Surveyors Board appointed, *inter alia*, to examine Candidates for Certificates of Competency as Surveyors under the *Land Surveyors Act 1942* hereby certifies that _____ is duly qualified.

Given under our hands at the office of the Board, Melbourne, this day of _____ 19 _____

(SEAL) _____
Chairman.
Members of the Board.
Secretary.

Signature of Recipient

Schedule 3.

LICENCE.

VICTORIA.

Land Surveyors Act 1942.

The Surveyors Board, acting under the authority conferred by the *Land Surveyors Act 1942*, doth hereby license _____ to practise as a Surveyor under the provisions of that Act.

Given under our hands at the office of the Board, Melbourne, this day of _____ 19 _____

(SEAL) _____
Chairman.
Members of the Board.
Secretary.

Signature of Licensee

Schedule 4.

LETTER OF RECOMMENDATION.

No. _____

Surveyors Board of Victoria,

Melbourne, 19 _____

This is to certify that the Surveyors Board of Victoria has reviewed the qualifications of _____ a Surveyor licensed to practise in Victoria, and recommends for favourable consideration any application for a licence made by him to the Surveyors Board of _____

Chairman.
Secretary.

Schedule 5.

FEEs PAYABLE TO THE SURVEYORS BOARD.

	f	s.	d.
1. Registering Indentures of Apprenticeship	0	5	0
2. Registering an Assignment of Indentures of Apprenticeship	0	5	0
3. Entry of a Candidate for the whole examination	5	5	0
4. First entry of a Candidate for part examination	3	3	0
5. Entry of a Candidate for each subsequent part of examination	2	2	0
6. Issue of Licence	5	5	0
7. Issue of a Letter of Recommendation	1	1	0

Schedule 6.

FORM OF INDENTURES OF APPRENTICESHIP.

THESE INDENTURES made the _____ day of
 One thousand nine hundred and _____ between
 of _____ in the State of Victoria, licensed surveyor
 (hereinafter called "the surveyor") of the first part
 in the said State (hereinafter called "the apprentice") of the second part,
 and _____ of _____ in the said State
 (hereinafter called "the parent or guardian") of the third part witnesseth
 as follows, that is to say:—

1. The apprentice of his own free will (with the consent of the parent or guardian testified by h _____ being a party hereto) binds himself apprentice to the surveyor to be taught and instructed in the profession of a land surveyor for the term of _____ years _____ months which term shall be deemed to have commenced on the _____ day of

One thousand nine hundred and _____

2. The apprentice covenants with the surveyor as follows:—

- (a) That he will during the said term of _____ years _____ months well and truly serve the surveyor as apprentice in the profession of a land surveyor carried on by him at _____ aforesaid, or at such other place or places where the surveyor may from time to time carry on the same.
- (b) That he will not at any time during the said term obliterate, destroy, waste, embezzle, spend, or make away with any books, papers, plans, drawings, documents, moneys, stamps, or other property of the surveyor or of his partner or partners, or any of his or their clients or employers.
- (c) That he will at all times during the said term keep the secrets of the surveyor and of his partner or partners and clients.
- (d) That he will readily and cheerfully obey and execute the lawful and reasonable demands of the surveyor, and will not depart or absent himself from the service or employ of the surveyor during the said term without the consent of the surveyor first had and obtained except in case of sickness.
- (e) That he will in all respects during the said term acquit and demean himself as an honest and faithful apprentice ought to do.
- (f) That he will do no damage or injury to the surveyor or knowingly suffer the same to be done without acquainting the surveyor thereof.

3. In consideration of the premises the surveyor covenants with the apprentice and the parent or guardian and with each of them severally as follows:—

- (a) That he will during the said term, according to the best of his power, skill, and knowledge, instruct the apprentice, or cause him to be instructed, in the profession of the land surveyor, and in all things incidental thereto in such manner as he now practises or at any time hereafter during the said term shall practise the same.
- (b) That he will permit the apprentice during the said term to attend such lectures or examinations as may be requisite or proper for his better instruction in the profession of a land surveyor and to enable him to obtain a certificate entitling him to practise as a licensed surveyor.
- (c) That he will by weekly or fortnightly payments pay to the apprentice during the said term the following rates of pay:—

For the first year of the said term	_____ per week;
for the second year of the said term	_____ per week;
for the third year of the said term	_____ per week;
for the fourth year of the said term	_____ per week.

4. The parent or guardian covenants with the surveyor as follows:—

- (a) That he will use his best endeavours to ensure that the apprentice will honestly and faithfully serve his apprenticeship with the surveyor in the manner aforesaid.
- (b) That he will at all times during the said term find and provide the apprentice with board and lodging and all necessary wearing apparel, and also all medical and surgical advice and attention in case of illness: Provided however that the surveyor shall during such time as the apprentice shall be absent from the office on office business pay all his expenses, including board and lodging and second-class railway fares.
- (c) That he will pay all necessary tuition fees in connexion with any examination in subjects outside the general practice of a land surveyor as now practised by the surveyor.
- (d) That should the apprentice at any time during his apprenticeship embezzle any moneys or stamps or wilfully or by gross carelessness spoil or destroy any of the instruments, goods, or other property of the surveyor he will within one calendar month, after the same shall have been made known and satisfactorily proved to him pay, satisfy, and make good to the surveyor all such moneys, stamps, goods, instruments, or other property to the full amount and value thereof.

5. Provided always and it is hereby agreed between the parties hereto as follows:—

- (a) That these Indentures shall not be assigned except with the approval of the Surveyors Board constituted under the *Land Surveyors Act 1942* of the said State.
- (b) That these Indentures may be cancelled by mutual consent: Provided that the parties hereto shall forthwith give notice in writing of any such cancellation to the Secretary of the said Board.
- (c) That these Indentures shall not be of any force or effect for the purposes of the said Act unless approved and registered by the said Board.
- (d) That if any question at any time arises between the parties hereto with respect to any matter or thing arising under or in relation to these presents the said Board shall decide the same and such decision shall be final and binding on the parties hereto.

In witness whereof the said parties hereto have hereunto set their hands and seals the day and year first above written.

Signed Sealed and Delivered by the
said _____ in the
presence of _____ }

Signed Sealed and Delivered by the
said _____ in the
presence of _____ }

Signed Sealed and Delivered by the
said _____ in the
presence of _____ }

Schedule 7.

FORM OF ASSIGNMENT OF INDENTURES.

THESE INDENTURES are made the _____ day of _____ One thousand nine hundred and _____ between _____ of _____ in the State of Victoria licensed surveyor (hereinafter called the "assignor") of the first part of _____ in the said State (hereinafter called "the apprentice") of the second part of _____ of the third part, and _____ of _____ in the said State licensed surveyor (hereinafter called "the assignee") of the fourth part: Whereas by the within-written Indentures the apprentice was bound apprentice to the assignor in the profession of a land surveyor for a term of _____ years _____ months from the date therein specified: And whereas it has been agreed between the parties hereto that the apprentice shall serve the now unexpired residue of the said term with the assignee: And whereas the assignor has agreed with the consent of the apprentice and of the parent or guardian to assign the said Indentures of Apprenticeship to the assignee: And whereas the Surveyors Board has approved of the said assignment: Now these Indentures witnesseth as follows:—

1. The assignor hereby assigns the said Indentures of Apprenticeship and all his interest therein and the benefit of all covenants and agreements therein contained to the assignee to hold the same for all the residue now unexpired of the said term of _____ years _____ months.

The assignee covenants with the assignor the apprentice and the parent or guardian and with each of them separately as follows:—

- (a) That he will take the apprentice as his apprentice for the now unexpired residue of the said term in his profession of a land surveyor now carried on by him at _____ aforesaid unless the said apprenticeship shall be sooner determined as provided by or under the said Indentures.
- (b) That he will observe and perform all the covenants and agreements in the said Indentures contained and on the part of the assignor to be observed and performed in like manner and in all respects as if he the assignee were therein named instead of the assignor and will keep the assignor indemnified from the same and from all actions claims or demands in respect thereof.

The apprentice and the parent or guardian severally covenant with the assignee as follows:—

- (a) That the apprentice shall serve the assignee in his profession now carried on by him at _____ aforesaid for all the residue of the said term unless the said apprenticeship be sooner determined as provided by or under the said Indentures.
- (b) That they and each of them will observe and perform all the covenants and agreements in the said Indentures contained and on their part to be performed in like manner in all respects as if the assignee were therein named instead of the assignor.

In witness whereof the said parties hereto have hereunto set their hands and seals the day and year first above written.

Signed Sealed and Delivered by the
said in the
presence of }

Signed Sealed and Delivered by the
said in the
presence of }

Signed Sealed and Delivered by the
said in the
presence of }

Signed Sealed and Delivered by the
said in the
presence of }

SCHEDULE 8.

No.	Act.	Section.	Subject.
3682	<i>Country Roads Act 1928</i>	.. 43	*Main roads vested in Crown. Materials property of Board
	<i>Country Roads Act 1928</i>	.. 56, 57	Drains and watercourses
	<i>Country Roads Act 1928</i>	.. 58	*Sale of roads
3695	<i>Harbor Boards Act 1928</i>	.. 30 (3)	Boundaries of harbours
3697	<i>Health Act 1928</i>	.. 62, 65	Sewers and drains
	<i>Health Act 1928</i>	.. 183	*Erection of dwelling on land subject to flooding prohibited
	<i>Health Act 1928</i>	.. 186	Land unfit for human habitation
	<i>Health Act 1928</i>	.. 187	*Width of streets
3709	<i>Land Act 1928</i>	.. 5, 11	*Classification
	<i>Land Act 1928</i>	.. 15	*Permanent reservation affected by change of course of stream
	<i>Land Act 1928</i>	.. 25	*Division of land into counties, parishes, and townships
	<i>Land Act 1928</i>	.. 43-52	*Selection Purchase
	<i>Land Act 1928</i>	.. 85-88	*Auriferous lands
	<i>Land Act 1928</i>	.. 89-94	*Land which may be sold by auction
	<i>Land Act 1928</i>	.. 121	Grazing licences
	<i>Land Act 1928</i>	.. 125-138	*Leases and licences
	<i>Land Act 1928</i>	.. 171	*Exchange of road
	<i>Land Act 1928</i>	.. 172	*Sale of land to adjoining owner
	<i>Land Act 1928</i>	.. 179	*Right of entry by Surveyor
	<i>Land Act 1928</i>	.. 192	Power to make Regulations
	<i>Land Act 1928</i>	.. 194-201	Classification and selection of Mallee lands
	<i>Land Act 1928</i>	.. 304	*Closing roads
4095	<i>Land Act 1932</i>	.. 4, 8	Amending sections 94, 125, 126, 172, and 193, <i>Land Act 1928</i>
4181	<i>Land Act 1933</i>	.. 4, 5, 10	Amending sections 86, 131, 304, <i>Land Act 1928</i>
4319	<i>Land (Residence Areas) Act 1935</i>	6-10	*Residence Areas, and the Regula- tions under the Act
	<i>Land (Residence Areas) Act 1935</i>	12	*Exclusive right of purchase
	<i>Land (Residence Areas) Act 1935</i>	19	Amending sections 129 and 131, <i>Land Act 1928</i>
4697	<i>Land (Residence Areas) Act 1939</i>	2, 3	Power to excise land from street
4873	<i>Land Act 1941</i>	.. 6, 7	Amending sections 94, 125, <i>Land Act 1928</i>
	<i>Land Act 1941</i>	.. 14	Disposal of Crown lands to adjoining owner
4939	<i>Land Surveyors Act 1942</i>	.. Whole	* and the Regulations under the Act
5203	<i>Local Government Act 1946</i>	.. 197	(1) XXXVIII. (a) Residential Areas. (6) Description of Residential Area. (7) By-laws. (11) Application to Melbourne and Geelong
	<i>Local Government Act 1946</i>	.. 198	(3), (a), (b), (c), Extent of Applica- tion. (7) Application to Mel- bourne and Geelong
	<i>Local Government Act 1946</i>	.. 510-515	Taking land compulsorily
	<i>Local Government Act 1946</i>	.. 516	*Power to purchase strips of land contiguous to streets
	<i>Local Government Act 1946</i>	.. 517-521	*Proclamation of Highways
	<i>Local Government Act 1946</i>	.. 522-526	*Opening, widening, &c., of streets
	<i>Local Government Act 1946</i>	.. 527	*Sale of street
	<i>Local Government Act 1946</i>	.. 528-530	*Opening private roads
	<i>Local Government Act 1946</i>	.. 531-533	*Reducing width of streets
	<i>Local Government Act 1946</i>	.. 535	*Standard Survey marks
	<i>Local Government Act 1946</i>	.. 568-569	*Laying out streets
	<i>Local Government Act 1946</i>	.. 585	Constructed street to be a public highway
	<i>Local Government Act 1946</i>	.. 679-684	Closing streets
	<i>Local Government Act 1946</i>	.. 897	(6) Drainage. (25), (26), (27), (30), Areas of land for buildings
	<i>Local Government Act 1946</i>	.. 901	(5) Making by-laws.
			*Uniform Building Regulations— Chapter 8

SCHEDULE 8—continued.

No.	Act.	Section.	Subject.
4760	<i>Melbourne (Widening of Streets) Act 1940</i>	Whole	*
4991	<i>Melbourne (Widening of Streets) Act 1943</i>	Whole	*
3737	<i>Mines Act 1928</i>	264	Warden's power to order survey
	<i>Mines Act 1928</i>	274	Warden may authorize entry
	<i>Mines Act 1928</i>	334 (4)	Owner of land may inspect workings
	<i>Mines Act 1928</i>	335	*Entry upon and marking private lands
	<i>Mines Act 1928</i>	367	Prospecting area
	<i>Mines Act 1928</i>	375	*Survey
	<i>Mines Act 1928</i>	440	Plans of mines
3754	<i>Property Law Act 1928</i> ..	194-197	*Easements
	<i>Property Law Act 1928</i> ..	217	Discharge of estates of debtors
	<i>Property Law Act 1928</i> ..	266-272	*Survey boundaries
	<i>Property Law Act 1928</i> ..	275-277	*Limitation of actions and suits
3759	<i>Railways Act 1928</i>	206	*Time within which Commissioners may recover land
			*Building regulations
4568	<i>Slum Reclamation and Housing Act 1938</i>	17	
	<i>Slum Reclamation and Housing Act 1938</i>	19-26	Slum reclamation
	<i>Slum Reclamation and Housing Act 1938</i>	42-46	Acquisition of land
4652	<i>Slum Reclamation and Housing Act 1939</i>	3	Sale, disposal, and surrender of surplus land
4786	<i>Soil Conservation Act 1940</i> ..	8	General objects
	<i>Soil Conservation Act 1940</i> ..	12	Powers of Board
	<i>Soil Conservation Act 1940</i> ..	14	Regional Advisory Committees
3783	<i>Supreme Court Act 1928</i>	91	Standard time
4732	<i>Survey Co-ordination Act</i> ..	Whole	* and the Regulations
5043	<i>Town and Country Planning Act 1944</i>	8-11	*Planning schemes
	<i>Town and Country Planning Act 1944</i>	12	*Interim development order
	<i>Town and Country Planning Act 1944</i>	13	*General schedule of development under scheme
3791	<i>Transfer of Land Act 1928</i> ..	15, 17, 18	*Bringing land under the Act
	<i>Transfer of Land Act 1928</i> ..	25, 28, 46	*
	<i>Transfer of Land Act 1928</i> ..	80	*Certificate issued in error
	<i>Transfer of Land Act 1928</i> ..	87-88	*Title by possession
	<i>Transfer of Land Act 1928</i> ..	102-103	*Removal of easements of way
	<i>Transfer of Land Act 1928</i> ..	105-110	*Roads, passages, &c.
	<i>Transfer of Land Act 1928</i> ..	201-212	*Surveys, plans, boundaries
	<i>Transfer of Land Act 1928</i> ..	215-217	*Rectification of certificate
	<i>Transfer of Land Act 1928</i> ..	233	*Powers of Registrar
	<i>Transfer of Land Act 1928</i> ..	271	*Abandonment of Easement
	<i>Transfer of Land Act 1928</i> ..	272	*Title to encroachment on road
3801	<i>Water Act 1928</i>	4-9	Rights of Crown and private persons
	<i>Water Act 1928</i>	14	
	<i>Water Act 1928</i>	59	Subdivision of land with water right
5017	<i>Water Act 1944</i>	13	*Compulsory acquisition of land for easements. Power of Commission to make surveys
3802	<i>Weights and Measures Act 1928</i>	4-11	Primary standards

Land Surveyors Act 1942.

REGULATIONS PART I.

Adopted at a meeting of the Board held on the 19th January, 1948.

O. G. PEARSON, Chairman.

FRANK W. ARTER, Member.

H. S. McCOMB, Member.

G. J. THORNTON SMITH, Member.

C. T. COLEMAN, Member.

F. C. RIDOUTT, Secretary.

Approved by the Governor in Council,
2nd March, 1948.

C. W. KINSMAN,
Clerk of the Executive Council.