

4. *Section 11: Courses leading to Institution Membership Examinations*

(1) That the Engineers Registration Board ensure that the minimum standard of entry to the engineering profession in New Zealand be University Entrance either by accrediting or examination, and that intending students be strongly advised to include both mathematics and the physical sciences among the subjects taken at the Sixth Form stage. (Page 49.)

(2) That for a limited period men who have the necessary preliminary qualifications and who can produce evidence that they have already entered upon an approved course as students for one of the recognized institutions should be regarded as eligible for bursaries on terms similar to those recommended for diploma students. (Page 50.)

(3) That to meet the needs of those who in the interim period will still be sitting external examinations, instruction be provided through the Technical Correspondence School, and that arrangements be made for laboratory work in those subjects requiring it. (Page 51.)

(4) That while having due regard to the necessity of keeping faith with students who have begun courses for other examinations, the technical schools be organized as soon as possible to provide exclusively for the courses for the diplomas in professional engineering as set out in Section 12 of this report. (Page 51.)

5. *Section 12: Establishment of a System of Diplomas in Professional Engineering*

(1) That the Education Department institute a system of Diplomas in Professional Engineering of a standard at least equal to that of the present Institution Membership Examinations. (Page 53.)

(2) That these diplomas be awarded in respect of courses which, though mainly part time, shall include at least one year of full-time study. (Page 53.)

(3) That these diplomas be awarded as a result not only of examination success, but also of satisfactory completion of a course of study approved by the Education Department. (Page 53.)

(4) That a candidate must pass at the one time in all subjects of any year before proceeding to the next year of the course. (Page 53.)

(5) That examination-papers in all subjects be set, moderated, and marked by examiners approved by the Education Department. (Page 53.)

(6) That the pre-requisite of a diploma course be University Entrance either by accrediting or examination. (Page 54.)

(7) That entry upon a diploma course be permitted only to a student employed as a cadet, articulated pupil, or apprentice under conditions approved by the Engineers Registration Board for this purpose. (Page 54.)

(8) That, in order that no hardship be inflicted upon men who develop later, men twenty-five years of age or over be admitted to the first year of a diploma course on a provisional basis, this provisional admission to be confirmed if the Principal of the institution attended makes a favourable recommendation to that effect. (Page 54.)

(9) That during the transition period students who have already passed Section A of the Institution Membership Examinations and who make application to the Director of Education be credited with the first three years of the corresponding diploma course. (Page 54.)

(10) That provision be made for cross-credits to students who transfer from the degree course in engineering to the corresponding diploma course, or *vice versa*. (Page 54.)

(11) That the necessary facilities be provided in the technical schools at Auckland, Wellington, Hutt Valley, Christchurch, and Dunedin for instruction in the various subjects of the diploma courses, if these facilities are not at present available, as an initial step in the establishment of technological institutions. (Page 56.)