

APPENDIX 6—SECTION B EXAMINATIONS OF THE BRITISH INSTITUTIONS OF CIVIL, ELECTRICAL, AND MECHANICAL ENGINEERS AND THE ENGINEERS REGISTRATION BOARD OF NEW ZEALAND (1948)

1. CIVIL

A. INSTITUTION OF CIVIL ENGINEERS

- (i) Engineering Drawing.
- (ii) Engineering Materials.
- (iii) Three subjects (a), (b), and (c) from any one of the following nine groups :—

Group I—Constructional and Public Works Engineering—

- (a) Theory and Design of Structures.
- (b) Surveying and Applied Geology.
- (c) Hydraulics or Building Construction or Machine Design.

Group II—Mechanical Engineering—

- (a) Machine Design.
- (b) Thermodynamics and Heat Engines.
- (c) Hydraulics, or Design of Structures, or Heating and Ventilating, or Electrical Machinery, Principles and Practice.

Group III—Electrical Engineering—

- (a) Electrical Machinery, Principles and Practice.
- (b) Electrical Transmission or Electrical Communications.
- (c) Machine Design, or Hydraulics, or Thermodynamics and Heat Engines, or Design of Structures.

Group IV—Structural and Building Engineering—

- (a) Theory and Design of Structures.
- (b) Building Construction.
- (c) Surveying and Applied Geology or Heating and Ventilating or Applied Chemistry, or Electrical Installations.

Group V—Mining Engineering—

- (a) Principles of Mining.
- (b) Surveying and Applied Geology.
- (c) Machine Design, or Mining Metallurgy, or Thermodynamics and Heat Engines, or Electrical Machinery, Principles and Practice.

Group VI—Chemical Engineering—

- (a) Applied Chemistry.
- (b) Thermodynamics and Heat Engines.
- (c) Machine Design or Electrical Machinery, Principles and Practice, or Hydraulics.

Group VII—Shipbuilding and Marine Engineering—

- (a) Stability and Resistance of Ships.
- (b) Machine Design, or Design of Structures.
- (c) Thermodynamics and Heat Engines or Electrical Machinery, Principles and Practice.

Group VIII—Gas Engineering—

- (a) Gas Engineering.
- (b) Applied Chemistry.
- (c) Thermodynamics and Heat Engines, or Machine Design, or Design of Structures.

Group IX—Aeronautical Engineering—

- (a) Aeronautics.
- (b) Machine Design or Design of Structures.
- (c) Thermodynamics and Heat Engines, or Electrical Machinery, Principles and Practice.