

**No. S 305**

**PROFESSIONAL ENGINEERS ACT  
(CHAPTER 253)**

**PROFESSIONAL ENGINEERS (APPROVED  
QUALIFICATIONS) NOTIFICATION 2000**

**ARRANGEMENT OF PARAGRAPHS**

Paragraph

1. Citation and commencement
2. Approved qualifications
3. Cancellation

The Schedule

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In exercise of the powers conferred by section 15 (1) (b) of the Professional Engineers Act, the Minister for National Development, after consultation with the Professional Engineers Board, hereby makes the following Notification:

### **Citation and commencement**

1. This Notification may be cited as the Professional Engineers (Approved Qualifications) Notification 2000 and shall come into operation on 1st July 2000.

### **Approved qualifications**

2.—(1) The qualifications specified in the Schedule are hereby approved for the purpose of entitling the holders thereof to be registered under section 15 (1) (b) of the Act as professional engineers.

(2) The qualifications specified in the third column of Part I of the Schedule shall be in respect of the branch or branches of engineering specified in relation thereto in the fourth column.

### **Cancellation**

3. The Professional Engineers (Approved Qualifications) Notification (N 1) is cancelled.

## THE SCHEDULE

### PART I

<i>First column</i>	<i>Second column</i>	<i>Third column</i>	<i>Fourth column</i>
<i>Country</i>	<i>University, College or Institution</i>	<i>Qualification</i>	<i>Branch of Engineering</i>
<b>AUSTRALIA</b>	University of Adelaide	BE	Chemical Civil Electrical & Electronic Mechanical
	Curtin University of Technology	BE	Chemical Computer Systems Engineering Electrical Mechanical

THE SCHEDULE — *continued*PART I — *continued*

<i>First column</i> <i>Country</i>	<i>Second column</i> <i>University, College or Institution</i>	<i>Third column</i> <i>Qualification</i>	<i>Fourth column</i> <i>Branch of Engineering</i>
	James Cook University of North Queensland	BE	Civil Electrical
	University of Melbourne	BE	Chemical Civil Computer Engineering Electrical Mechanical & Manufacturing
	University of New South Wales	BE	Aerospace Chemical Civil Electrical Mechanical Naval Architecture
	Monash University (Clayton Campus)	BE	Chemical Civil Electrical Mechanical
	University of Newcastle	BE	Chemical Civil Electrical Industrial Mechanical
	University of Queensland	BE	Chemical Civil Electrical Mechanical
	Queensland University of Technology (QUT)	BE	Civil Electrical Mechanical

THE SCHEDULE — *continued*PART I — *continued*

<i>First column</i>	<i>Second column</i>	<i>Third column</i>	<i>Fourth column</i>
<i>Country</i>	<i>University, College or Institution</i>	<i>Qualification</i>	<i>Branch of Engineering</i>
	Royal Melbourne Institute of Technology	BE	Aerospace Chemical Civil Electrical Electronic Mechanical
	University of Sydney	BE	Aeronautical Chemical Civil Electrical Mechanical
	University of South Australia	BE	Civil Electrical Electronic Mechanical Mechanical (Manufacturing option)
	University of Western Australia	BE	Civil Electrical & Electronic Mechanical
	University of Wollongong	BE	Civil Computer Engineering Mechanical Electrical

THE SCHEDULE — *continued*PART I — *continued*

<i>First column</i>	<i>Second column</i>	<i>Third column</i>	<i>Fourth column</i>
<i>Country</i>	<i>University, College or Institution</i>	<i>Qualification</i>	<i>Branch of Engineering</i>
<b>BELGIUM</b>	Katholieke Universiteit Leuven	Burgerlijk	Civil
		Bouwkundig	Electrical
	Universiteit Gent	Burgerlijk	Mechanical
		Electrotechnisch- Werktuigkundig	
		Ingenieur-richting mechanica	
		Burgerlijk elektrotechnisch Ingenieur	
Vrije Universiteit Brussel	Burgerlijk	Civil	
	Bouwkundig	Electrical	
	Burgerlijk	Mechanical	
	Electrotechnisch- Werktuigkundig		
		Ingenieur- richting mechanica	
		Burgerlijk elektrotechnisch Ingenieur	
<b>CANADA</b>	University of Alberta	BSc(Eng)	Chemical Civil Computer Engineering Electrical Mechanical

THE SCHEDULE — *continued*PART I — *continued*

<i>First column</i>	<i>Second column</i>	<i>Third column</i>	<i>Fourth column</i>
<i>Country</i>	<i>University, College or Institution</i>	<i>Qualification</i>	<i>Branch of Engineering</i>
	University of British Columbia	BA Sc(Eng)	Chemical Civil Electrical Mechanical
	University of Calgary	BSc(Eng)	Chemical Civil Electrical Mechanical Manufacturing
	Carleton University	BE	Civil Computer Systems Engineering Electrical Environmental Mechanical
	Concordia University	BE	Civil Computer Engineering Electrical Industrial Mechanical
	Dalhousie University (formerly Technical University of Nova Scotia)	BE	Chemical Civil Electrical Industrial Mechanical
	Ecole Polytechnique	BSc A	Chemical Civil Electrical Mechanical

THE SCHEDULE — *continued*PART I — *continued*

<i>First column</i> <i>Country</i>	<i>Second column</i> <i>University, College or Institution</i>	<i>Third column</i> <i>Qualification</i>	<i>Fourth column</i> <i>Branch of Engineering</i>
	Lakehead University	BE	Chemical Civil Electrical Mechanical
	Universite Laval	BSc A	Chemical Civil Electrical Mechanical
	McGill University	BE	Chemical Civil Computer Engineering Electrical Mechanical
	McMaster University	BE	Chemical Civil Computer Engineering Electrical Manufacturing Mechanical
	University of Manitoba	BSc	Civil Computer Engineering Electrical Industrial Mechanical
	Memorial University of Newfoundland	BE	Civil Electrical Mechanical

THE SCHEDULE — *continued*PART I — *continued*

<i>First column</i>	<i>Second column</i>	<i>Third column</i>	<i>Fourth column</i>
<i>Country</i>	<i>University, College or Institution</i>	<i>Qualification</i>	<i>Branch of Engineering</i>
	University of New Brunswick	BSc E	Chemical Civil Electrical Mechanical
	University of Ottawa	BA Sc	Chemical Civil Computer Engineering Electrical Mechanical
	Queen's University of Kingston	BSc(Eng)	Chemical Civil Electrical Mechanical
	Royal Military College of Canada Kingston, Ontario	BE	Chemical Civil Computer Engineering Electrical Mechanical
	University of Saskatchewan	BE	Chemical Civil Electrical Mechanical
	University of Sherbrooke	BSc A	Chemical Civil Electrical Mechanical



THE SCHEDULE — *continued*PART I — *continued*

<i>First column</i>	<i>Second column</i>	<i>Third column</i>	<i>Fourth column</i>
<i>Country</i>	<i>University, College or Institution</i>	<i>Qualification</i>	<i>Branch of Engineering</i>
	University of Toronto	BA Sc	Chemical Civil Computer Engineering Electrical Industrial Mechanical
	University of Victoria	B.Eng	Electrical Mechanical Computer Engineering
	University of Waterloo	BA Sc	Chemical Civil Computer Engineering Electrical Mechanical
	University of Western Ontario	BE	Sc Chemical Civil Electrical Mechanical
	University of Windsor	BA Sc	Chemical Civil Electrical Environmental Mechanical
<b>GERMANY</b>	Rheinisch- Wesfatliche Technische Hochschule Aachen	Dipl-Ing	Chemical Civil Electrical Mechanical Production

THE SCHEDULE — *continued*PART I — *continued*

<i>First column</i>	<i>Second column</i>	<i>Third column</i>	<i>Fourth column</i>
<i>Country</i>	<i>University, College or Institution</i>	<i>Qualification</i>	<i>Branch of Engineering</i>
	Technische Universität Berlin	Dipl-Ing	Chemical Civil Electrical Industrial Production
	Technische Universität Carola- Wilhelmina Zu Braunschweig	Dipl-Ing	Civil Electrical
	Technische Universität Clausthal- Zellerfeld	Dipl-Ing	Chemical
	Technische Universität Darmstadt	Dipl-Ing	Civil Electrical Industrial Mechanical
	Technische Universität München	Dipl-Ing	Chemical Civil Electrical Industrial Mechanical Production
	Technische Universität Hamburg-Harburg	Dipl-Ing	Chemical Industrial Marine (Specialisation in Maritime & Mechanical Engineering) Maritime Production Production/ Industrial

THE SCHEDULE — *continued*PART I — *continued*

<i>First column</i>	<i>Second column</i>	<i>Third column</i>	<i>Fourth column</i>
<i>Country</i>	<i>University, College or Institution</i>	<i>Qualification</i>	<i>Branch of Engineering</i>
	Universität Stuttgart	Dipl-Ing	Civil Electrical Mechanical
<b>HOLLAND</b>	Technische Universiteit Delft	Ingenier (Ir)	Aerospace Chemical Civil Electrical Marine Mechanical
	Technische Universiteit Eindhoven	Ingenier (Ir)	Chemical Electrical Mechanical
	Universiteit Twente	Ingenier (Ir)	Chemical Electrical Mechanical
	Rijksuniversiteit Groningen	Ingenier (Ir)	Chemical
<b>HONGKONG</b> Special Adminis- trative Region, Peoples' Republic of China	University of Hong Kong	BEng (Hons) or M.Eng	Civil Electrical & Electronic Industrial & Manufacturing System Mechanical
<b>IRELAND</b>	Dublin University	BA I	Civil Electrical Mechanical
<b>JAPAN</b>	Chiba University	BE	Electrical Industrial Mechanical

THE SCHEDULE — *continued*PART I — *continued*

<i>First column</i>	<i>Second column</i>	<i>Third column</i>	<i>Fourth column</i>
<i>Country</i>	<i>University, College or Institution</i>	<i>Qualification</i>	<i>Branch of Engineering</i>
	Hiroshima University	BE	Chemical Electrical Mechanical
	Hokkaido University	BE	Civil Electrical Electronic Mechanical
	Kobe University	BE	Chemical Civil Electrical Electronic Mechanical
	Kyoto University	BE	Aeronautical Chemical Civil Electrical Electronic Mechanical
	Kyushu University	BE	Aeronautical Chemical Civil Electrical Electronic Mechanical Naval Architecture
	Nagoya University	BE	Aeronautical Chemical Civil Electrical Electronic Mechanical

THE SCHEDULE — *continued*PART I — *continued*

<i>First column</i>	<i>Second column</i>	<i>Third column</i>	<i>Fourth column</i>
<i>Country</i>	<i>University, College or Institution</i>	<i>Qualification</i>	<i>Branch of Engineering</i>
	Osaka University	BE	Civil Electrical Electronic Mechanical Naval Architecture
	Tohoku University	BE	Chemical Civil Electrical Electronic Mechanical
	Tokyo University	BE	Aeronautical Civil Electrical Electronic Marine Mechanical Naval Architecture
	Tokyo Institute of Technology	BE	Chemical Civil Electrical Industrial Mechanical
	Yokohama National University	BE	Chemical Civil Electrical Mechanical Naval Architecture
<b>MALAYSIA</b>	University of Malaya	BE	Chemical Civil Electrical Mechanical

THE SCHEDULE — *continued*PART I — *continued*

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<i>Country</i>	<i>University, College or Institution</i>	<i>Qualification</i>	<i>Branch of Engineering</i>
<b>NEW ZEALAND</b>	University of Auckland	BE	Chemical Civil Electrical Mechanical
	University of Canterbury	BE	Chemical & Process Engineering Civil Electrical & Electronic Mechanical
<b>SINGAPORE</b>	National University of Singapore (NUS)	B. Tech	Chemical Electronic Manufacturing Mechanical
	Nanyang Technological University (NTU)	B. App. Science (Hons)	Computer Engineering Materials Engineering
<b>SWEDEN</b>	Chalmers University of Technology	Civilingenjor	Chemical Civil & Structural Electrical Industrial Mechanical
	The Royal Institute of Technology	Civilingenjor	Chemical Civil & Structural Electrical Materials Science Engineering Mechanical

THE SCHEDULE — *continued*PART I — *continued*

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<i>Country</i>	<i>University, College or Institution</i>	<i>Qualification</i>	<i>Branch of Engineering</i>
	Lund Institute of Technology	Civilingenjor	Chemical Civil & Structural Electrical Mechanical
<b>SWITZERLAND</b>	Ecole Polytechnique Federale de Zurich/Swiss Federal Institute of Technology Zurich	Dipl. Ing	Chemical Electrical & Electronic Mechanical
	Eidgenoissische Technische Hochschule Lausanne/Swiss Federal Institute of Technology Lausanne	Dipl. Ing	Chemical Civil Electrical Mechanical
<b>UNITED KINGDOM</b>	University of Aberdeen	BEng (Hons) or M.Eng	Civil Electrical & Electronic Mechanical
	University of Aston in Birmingham	BEng (Hons) or M.Eng	Chemical Process Engineering Civil Electrical & Electronic Electronic Systems Engineering Mechanical Manufacturing

THE SCHEDULE — *continued*PART I — *continued*

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<i>Country</i>	<i>University, College or Institution</i>	<i>Qualification</i>	<i>Branch of Engineering</i>
	University of Bath	BEng (Hons) or M.Eng	Aeronautical Chemical Chemical & Bio Process Engineering Civil Electrical & Electronic Electronic & Communications Engineering Mechanical Materials Engineering
	Queen's University of Belfast	BEng (Hons) or M.Eng	Aeronautical Chemical Civil Electrical & Electronic Industrial Manufacturing Mechanical
	University of Birmingham	BEng (Hons) or M.Eng	Chemical Civil Electronic & Communication Engineering Electronic & Computer Engineering Electronic & Control Engineering Electronic & Electrical Electronic & Integrated Circuit Engineering Mechanical



THE SCHEDULE — *continued*PART I — *continued*

<i>First column</i> <i>Country</i>	<i>Second column</i> <i>University, College or Institution</i>	<i>Third column</i> <i>Qualification</i>	<i>Fourth column</i> <i>Branch of Engineering</i>
	University of Bradford	BEng (Hons) or M.Eng	Chemical Civil & Structural Electrical & Electronic Mechanical
	University of Bristol	BEng (Hons) or M.Eng	Aeronautical Civil Electrical & Electronic Electronic Mechanical
	Brunel University	BEng (Hons) or M.Eng	Electrical & Electronic Mechanical Materials Engineering
	University of Cambridge	BA/M.Eng	Chemical Engineering Tripos Part I Electrical & Information Sciences Engineering Tripos (Part IB & Part II options in Civil & Structural Engineering) Engineering Tripos (Parts IA, IB & II) Manufacturing Engineering Tripos (Parts I & II)
	City University	BEng (Hons) or M.Eng	Civil Mechanical Aeronautical Electrical & Electronic

THE SCHEDULE — *continued*PART I — *continued*

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<i>Country</i>	<i>University, College or Institution</i>	<i>Qualification</i>	<i>Branch of Engineering</i>
	Coventry University	BEng (First Class Hons) or M.Eng	Civil Electrical & Electronic Manufacturing Systems Engineering Mechanical
	De Montfort University	BEng (First Class Hons) or M.Eng	Electronic Information Technology
	University of Durham	BEng (Hons) or M.Eng	Civil Electrical Information Systems Engineering Manufacturing Systems Engineering Mechanical
	University of Dundee	BEng (Hons) or M.Eng	Civil Electrical & Electronic Mechanical Manufacturing Engineering & Management
	University of Edinburgh	BEng (Hons) or M.Eng	Chemical Civil Electronics & Electrical Electronic Mechanical

THE SCHEDULE — *continued*PART I — *continued*

<i>First column</i>	<i>Second column</i>	<i>Third column</i>	<i>Fourth column</i>
<i>Country</i>	<i>University, College or Institution</i>	<i>Qualification</i>	<i>Branch of Engineering</i>
	University of Essex	BEng (Hons) or M.Eng	Electronic Systems Engineering (Computers & Communications) Electronic Computer Engineering
	University of Exeter	BEng (Hons) or M.Eng	Chemical Civil Mechanical
	University of Glasgow	BEng (Hons) or M.Eng	Aeronautical Civil Electronics & Electrical Mechanical Naval Architecture & Ocean Engineering
	University of Greenwich	BEng (First Class Hons) or M.Eng	Civil Electrical & Electronic Mechanical
	Heriot-Watt University	BEng (Hons) or M.Eng	Chemical Civil Electrical & Electronic Mechanical
	University of Hertfordshire	BEng (First Class Hons) or M.Eng	Civil Electrical & Electronic Manufacturing Systems Engineering Mechanical

THE SCHEDULE — *continued*PART I — *continued*

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<i>Country</i>	<i>University, College or Institution</i>	<i>Qualification</i>	<i>Branch of Engineering</i>
	University of Hull	BEng (Hons) or M.Eng	Electronic Communications Engineering Electronic Control & Robot Engineering Mechanical
	University of Kent	BEng (Hons) or M.Eng	Electronic Electronic Engineering with Medical Electronics
	University of Lancaster	BEng (Hons) or M.Eng	Electronic Mechanical
	University of Leeds	BEng (Hons) or M.Eng	Chemical Civil Electrical & Electronic Electronic Electronic & Computer Engineering Mechanical
	University of Leicester	BEng (Hons) or M.Eng	Electrical & Electronic Mechanical
	University of Liverpool	BEng (Hons) or M.Eng	Civil Electrical Electrical & Electronic Electronic Mechanical

THE SCHEDULE — *continued*PART I — *continued*

<i>First column</i>	<i>Second column</i>	<i>Third column</i>	<i>Fourth column</i>
<i>Country</i>	<i>University, College or Institution</i>	<i>Qualification</i>	<i>Branch of Engineering</i>
	Liverpool John Moore's University	BEng (First Class Hons) or M.Eng	Civil Manufacturing Mechanical
	University of London Imperial College	BEng (Hons) or M.Eng	Aeronautical Chemical Civil Electrical & Electronic Information Systems
	University of London King's College	BEng (Hons) or M.Eng	Electronic & Electrical Mechanical
	University of London — Queen Mary and Westfield College	BEng (Hons) or M.Eng	Aeronautical Avionics Civil Electronic Mechanical
	University of London — University College	BEng (Hons) or M.Eng	Chemical Civil Electronic & Electrical Mechanical Naval Architecture & Ocean Engineering

THE SCHEDULE — *continued*PART I — *continued*

<i>First column</i>	<i>Second column</i>	<i>Third column</i>	<i>Fourth column</i>
<i>Country</i>	<i>University, College or Institution</i>	<i>Qualification</i>	<i>Branch of Engineering</i>
	Loughborough University of Technology	BEng (Hons) or M.Eng	Aeronautical Chemical Civil Manufacturing Engineering & Management Mechanical Electronic & Electrical Product Design & Manufacture
	University of Manchester	BEng (Hons) or M.Eng	Aerospace Civil Electronic & Electrical Electronic Electronic System Mechanical
	University of Manchester, Institute of Science & Technology	BEng (Hons) or M.Eng	Chemical Civil Electrical & Electronic Electronic Mechanical
	University of Newcastle- Upon-Tyne	BEng (Hons) or M.Eng	Chemical Civil Electronic & Electrical Marine Mechanical Naval Architecture & Shipbuilding

THE SCHEDULE — *continued*PART I — *continued*

<i>First column</i>	<i>Second column</i>	<i>Third column</i>	<i>Fourth column</i>
<i>Country</i>	<i>University, College or Institution</i>	<i>Qualification</i>	<i>Branch of Engineering</i>
	University of North London	BEng (First Class Hons) or M.Eng	Electronic & Communication Engineering
	University of Northumbria at Newcastle	BEng (First Class Hons) or M.Eng	Communication & Electronic Engineering Electrical & Electronic Manufacturing Systems Engineering Mechanical
	University of Nottingham	BEng (Hons) or M.Eng	Chemical Civil Electrical & Electronic Mechanical Manufacturing Engineering & Management
	University of Oxford	BA (Hons) or M.Eng	Engineering & Computer Science Engineering Science (Civil) Engineering Science (Electrical) Engineering Science (Mechanical)
	University of Portsmouth	BEng (First Class Hons) or M.Eng	Civil Electrical & Electronic Manufacturing Systems Engineering Mechanical

THE SCHEDULE — *continued*PART I — *continued*

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<i>Country</i>	<i>University, College or Institution</i>	<i>Qualification</i>	<i>Branch of Engineering</i>
	University of Plymouth	BEng (First Class Hons) or M.Eng	Civil Electrical & Electronic Mechanical
	Reading University	BEng (Hons) or M.Eng	Electronic Mechanical
	University of Salford	BEng (Hons) or M.Eng	Aeronautical Chemical Civil Electronic & Electrical Mechanical
	University of Sheffield	BEng (Hons) or M.Eng	Chemical Process Engineering, Bio-Technology Chemical Process Engineering, Fuel Technology Civil & Structural Electrical Electronic Electronic (Communications) Electronic (Computing) Mechanical
	Sheffield Hallam University	BEng (First Class Hons) or M.Eng  M.Eng	Civil Electronic Systems & Control Engineering  Manufacturing Systems Engineering



THE SCHEDULE — *continued*PART I — *continued*

<i>First column</i>	<i>Second column</i>	<i>Third column</i>	<i>Fourth column</i>
<i>Country</i>	<i>University, College or Institution</i>	<i>Qualification</i>	<i>Branch of Engineering</i>
	University of Southampton	BEng (Hons) or M.Eng	Civil Electrical Electronic Environmental Mechanical Ship Science
	South Bank University	BEng (First Class Hons) or M.Eng	Chemical Civil Computer & Information Engineering Electrical & Electronic Mechanical
	University of Strathclyde	BEng (Hons) or M.Eng	Civil Electrical & Electronic Mechanical Naval Architecture Manufacturing Engineering & Management
	University of Surrey	BEng (Hons) or M.Eng	Chemical Civil Electronic & Electrical Mechanical
	University of Sussex	BEng (Hons) or M.Eng	Computer Systems Engineering Electrical & Electronic Electronic Mechanical

THE SCHEDULE — *continued*PART I — *continued*

<i>First column</i>	<i>Second column</i>	<i>Third column</i>	<i>Fourth column</i>
<i>Country</i>	<i>University, College or Institution</i>	<i>Qualification</i>	<i>Branch of Engineering</i>
	University of Wales College of Cardiff	BEng (Hons) or M.Eng	Civil Electrical & Electronic Electronic Mechanical
	University of Wales Swansea	BEng (Hons) or M.Eng	Chemical Civil Electronic & Electrical Mechanical
	University of Westminster	BEng (First Class Hons) or M.Eng	Civil Control & Computer Engineering Electronic Mechanical
	University of York	BEng (Hons) or M.Eng	Electronic Electronic Systems

## PART II

The following degrees awarded under the Accredited Engineering Programmes, which are based on the evaluation and acceptance of the Engineering Accreditation Commission (EAC) of the Accreditation Board for Engineering and Technology, Inc, United States of America, in the following Program Areas:

1. Aerospace Engineering Group
2. Chemical Engineering Group
3. Civil Engineering Group (in Civil Engineering or Structural Engineering programs only)
4. Computer Engineering Group
5. Electrical & Electronics Engineering Group
6. Environmental Engineering Group
7. Industrial Engineering Group

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THE SCHEDULE — *continued*

PART II — *continued*

8. Manufacturing Engineering Group
9. Materials Engineering Group
10. Mechanical Engineering Group
11. Naval Architecture & Marine Engineering Group

PART III

All degrees awarded under the Accredited Engineering Programmes which are based on the evaluation and acceptance of the Commission des titres d'ingenieur, France.

Made this 27th day of June 2000.

LAM CHUAN LEONG  
*Permanent Secretary,*  
*Ministry of National Development,*  
*Singapore.*

[ND 202/1-36 Vol. 5; AG/LEG/SL/253/98/1 Vol. 1]