No. S 653

PROFESSIONAL ENGINEERS ACT (CHAPTER 253)

PROFESSIONAL ENGINEERS (APPROVED QUALIFICATIONS) NOTIFICATION 2009

ARRANGEMENT OF PARAGRAPHS

Paragraph

- 1. Citation and commencement
- 2. Definitions
- 3. Qualifications specified in Schedule
- 4. Qualifications not specified in Schedule
- 5. Cancellation The Schedule

In exercise of the powers conferred by section 15(1)(a) 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 2009 and shall come into operation on 30th December 2009.

Definitions

- 2. In this Notification
 - "on-campus study", in relation to any qualification, means attendance on the home campus of any university, college or institution specified in the Schedule that awards that qualification, and —

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(*a*) includes attendance on the home campus of any other university, college or institution specified in the Schedule, or on such other campus as may be approved by the Board; but

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- (b) does not include any study through
 - (i) a distance learning programme; or
 - (ii) a twinning programme conducted wholly or partly by a university, college or an institution that is not specified in the Schedule, unless such twinning programme is approved by the Board;

"post-graduate qualification acceptable to the Board", in relation to a qualification awarded upon graduation after the completion of an undergraduate engineering degree programme, means —

- (*a*) a Master degree or an equivalent post-graduate degree in the same branch of engineering from any university, college or institution specified in the Schedule, with relevant majors or electives, and which is awarded upon graduation after the completion of not less than one year of full-time on-campus study, or not less than 2 years of part-time on-campus study; or
- (*b*) a degree of Doctor of Philosophy (PhD) in the same branch of engineering from any university, college or institution approved by the Board;
- "undergraduate engineering degree programme" means an undergraduate engineering degree programme with majors or electives relevant to any branch of engineering prescribed under section 10(8) of the Act.

Qualifications specified in Schedule

3.—(1) Any qualification specified in Part I of the Schedule shall be an approved qualification for the purposes of section 15(1)(a) of the

Act, only if it relates to a branch of engineering prescribed under section 10(8) of the Act.

(2) Any qualification specified in Parts II, III, IV and V of the Schedule shall be an approved qualification for the purposes of section 15(1)(a) of the Act, only if it relates to a branch of engineering prescribed under section 10(8) of the Act, and if such of the following conditions as may be applicable are satisfied:

- (*a*) in the case of a qualification specified in Part II of the Schedule, the qualification is awarded upon graduation after the completion of a full-time undergraduate engineering degree programme of not less than 4 years, or of an equivalent programme approved by the Board;
- (b) in the case of a qualification specified in Part III of the Schedule, the qualification
 - (i) is awarded upon graduation after the completion of a full-time undergraduate engineering degree programme of not less than 4 years, or of an equivalent programme approved by the Board (not being a programme referred to in sub-paragraph (*ii*)); or
 - (ii) is awarded upon graduation after the completion of a full-time undergraduate engineering degree programme of not less than 3 years, and is supplemented by a post-graduate qualification acceptable to the Board;
- (c) in the case of a qualification alluded to in Division I or IA of Part IV of the Schedule —
 - (i) the qualification is awarded upon graduation after the completion of a full-time undergraduate engineering degree programme of not less than 4 years;
 - (ii) the qualification is accredited by the accrediting organisation as fully meeting the academic

requirements for registration as a professional engineer;

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(iii) in the case of a qualification specified in Division IA, the qualification meets the requirement specified in the fourth column of that Division; and

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(iv) the qualification is supplemented by a post-graduate qualification acceptable to the Board, if it is awarded before the date specified in the third column of Division I or IA (as the case may be), unless it is a qualification specified in Division II of that Part or alluded to in Division III or IV of that Part;

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- (d) in the case of a qualification alluded to in Division I of Part V of the Schedule
 - (i) the qualification is awarded upon graduation after the completion of a full-time undergraduate engineering degree programme of not less than 3 years;
 - (ii) the qualification is accredited by the accrediting organisation either as fully meeting the academic requirements for registration as a chartered or professional engineer, or as meeting the academic requirements for registration as a chartered or professional engineer subject to further learning; and [S 819/2013 wef 01/01/2014]
 - (iii) the qualification is supplemented by a post-graduate qualification acceptable to the Board, if
 - (A) it is awarded before the date specified in the third column of that Division, unless it is a qualification specified in Division II of that Part; or
 - (B) it is accredited as meeting the academic requirements for registration as a chartered or

professional engineer subject to further learning;

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- (e) at least one-half of the total modular credits or academic units required for graduation in the undergraduate engineering degree programme for the qualification has been obtained through on-campus study; and
- (f) if the qualification has been obtained partly on account of advanced standing credits awarded for any other qualification
 - (i) that other qualification must be approved by the Board; and
 - (ii) the advanced standing credits must not exceed onehalf of the total modular credits or academic units required for graduation in the undergraduate engineering degree programme for the qualification.

Qualifications not specified in Schedule

4.—(1) Where a person holds a qualification in any branch of engineering prescribed under section 10(8) of the Act, but the qualification is not specified in the Schedule, the Board may consider him for registration as a professional engineer, if —

- (*a*) the qualification is awarded upon graduation after the completion of a full-time undergraduate engineering degree programme of not less than 4 years, or of an equivalent programme approved by the Board;
- (*b*) the qualification satisfies all applicable conditions set out in paragraph 3(2)(*e*) and (*f*);
- (c) the qualification is supplemented by
 - (i) a Master degree in the same branch of engineering, with relevant majors or electives, from the National University of Singapore or the Nanyang Technological University; or

- (ii) a degree of Doctor of Philosophy (PhD) in the same branch of engineering from any university, college or institution approved by the Board;
- (*d*) the qualification is accredited by a national accreditation organisation or an international accreditation organisation acceptable to the Board;
- (e) the qualification is recognised for independent professional engineering practice by a local authority of the country or region in which the qualification was awarded; and
- (*f*) the undergraduate engineering degree programme for the qualification is preceded by a course of education leading to the award of the Singapore-Cambridge General Certificate of Education 'Advanced' Level Certificate or of an equivalent qualification approved by the Board.

(2) The Board may, if it thinks fit in any particular case, waive all or any of the conditions under sub-paragraph (1)(a) to (f).

Cancellation

5.—(1) The Professional Engineers (Approved Qualifications) Notification 2005 (G.N. No. S 768/2005) is cancelled.

(2) Notwithstanding sub-paragraph (1), the Professional Engineers (Approved Qualifications) Notification 2005 shall continue to apply, as if this Notification had not been made, to any application to the Board for registration which is pending immediately before 30th December 2009.

THE SCHEDULE

Paragraphs 2 and 3

PART I

Degrees from the National University of Singapore or the Nanyang Technological University.

PART II

First column	Second column	Third column	Fourth column
Country	University, College	Qualification	Branch of
	or Institution		Engineering

THE SCHEDULE — *continued*

INDIA	1.	Indian Institute of Technology, Bombay	BTech	Civil Electrical Mechanical
	2.	Indian Institute of Technology, Delhi	BTech	Civil Electrical Mechanical
	3.	Indian Institute of Technology, Guwahati	BTech	Civil Electrical Mechanical
	4.	Indian Institute of Technology, Kanpur	BTech	Civil Electrical Mechanical
	5.	Indian Institute of Technology, Kharagpur	BTech	Civil Electrical Mechanical
	6.	Indian Institute of Technology, Madras	BTech	Civil Electrical Mechanical
	7.	Indian Institute of Technology, Roorkee	BTech	Civil Electrical Mechanical
PEOPLE'S REPUBLIC OF CHINA	1.	Tsinghua University	BEng	Civil
	2.	Tianjin University	BEng	Civil
	3.	Southeast University	BEng	Civil
	4.	Tongji University	BEng	Civil
	5.	Zhejiang University	BEng	Civil
	6.	Chongqing University	BEng	Civil
	-	Harbin Institute of	BEng	Civil
	7.	Technology	DElig	Civii

	,	THE SCHEDULE –	– continued	
	9.	Xi'an University of Architecture & Technology	BEng	Civil
	10.	Southwest Jiaotong University	BEng	Civil
	11.	Beijing Jiaotong University	BEng	Civil
	12.	Dalian University of Technology	BEng	Civil
	13.	Shanghai Jiao Tong University	BEng	Civil
	14.	Hohai University	BEng	Civil
	15.	Wuhan University	BEng	Civil
		PART II	Ι	
First column		Second column	Third column	Fourth column
Country	Ui	niversity, College or Institution	Qualification	Branch of Engineering
BELGIUM	1	. Katholieke Universiteit Leuven	Burgerlijk Bouwkundig Ingenieur Burgerlijk Elektrotechnisch – Werktuigkundig Ingenieur – richting mechanica Burgerlijk Elektrotechnisch Ingenieur	Civil Electrical Mechanical
	2	. Universiteit Gent	Burgerlijk Bouwkundig Ingenieur Burgerlijk Elektrotechnisch – Werktuigkundig	Civil Electrical Mechanical

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THE SCHEDULE — continued			
First column	Second column	Third column	Fourth column
Country	University, College or Institution	Qualification Ingenieur – richting mechanica Burgerlijk Elektrotechnisch Ingenieur	Branch of Engineering
	3. Vrije Universiteit Brussel	Burgerlijk Bouwkundig Ingenieur Burgerlijk Elektrotechnisch – Werktuigkundig Ingenieur – richting mechanica Burgerlijk Elektrotechnisch Ingenieur	Civil Electrical Mechanical
GERMANY	1. Rheinisch- Westfälische Technische Hochschule Aachen	DiplIng.	Chemical Civil Electrical Mechanical
	2. Technische Universität Berlin	DiplIng.	Chemical Civil Electrical
	 Technische Universität Carolo- Wilhelmina zu Braunschweig 	DiplIng.	Civil Electrical
	4. Technische Universität Darmstadt	DiplIng.	Civil Electrical Mechanical

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	THE SCHEDULE -	— continued	
First column	Second column	Third column	Fourth column
Country	 University, College or Institution 5. Technische Universität München 	<i>Qualification</i> DiplIng.	Branch of Engineering Chemical Civil Electrical Mechanical
	6. Universität Stuttgart	DiplIng.	Civil Electrical Mechanical
	7. Technische Universität Clausthal	DiplIng.	Chemical
	 Technische Universität Hamburg- Harburg 	DiplIng.	Chemical
THE NETHERLANDS	1. Technische Universiteit Delft	Ingenier (Ir)	Chemical Civil Electrical Mechanical
	2. Technische Universiteit Eindhoven	Ingenier (Ir)	Chemical Electrical Mechanical
	3. Universiteit Twente	Ingenier (Ir)	Chemical Electrical Mechanical
	4. Rijksuniversiteit Groningen	Ingenier (Ir)	Chemical
SPAIN	 Universidad Politécnica de Cataluña 	Ingeniero de Caminos, Canales y Puertos	Civil
		Máster Universitario en Ingeniería de	Civil

THE SCHEDULE — *continued* First column Second column Third column Fourth column University, College or Branch of Country Institution Qualification Engineering Caminos, Canales y Puertos Ingeniero Electrical Industrial Mechanical (with specialisation in electrical or mechanical engineering) Máster Electrical Universitario en Mechanical Ingeniería Industrial (with specialisation in electrical or mechanical engineering) 2. Universidad Ingeniero de Civil Politécnica de Caminos, Canales València y Puertos Civil Máster Universitario en Ingeniería de Caminos, Canales y Puertos Ingeniero Electrical Industrial Mechanical (with specialisation in electrical or mechanical engineering) Máster Electrical Universitario en Mechanical Ingeniería Industrial

THE SCHEDULE — continued				
First column	Second column	Third column	Fourth column	
Country	University, College of Institution	<i>Qualification</i> (with specialisation in electrical or mechanical engineering)	Branch of Engineering	
	 Universidad Politécnica de Madrid 	Ingeniero de Caminos, Canales y Puertos	Civil	
		Máster Universitario en Ingeniería de Caminos, Canales y Puertos	Civil	
		Ingeniero Industrial (with specialisation in electrical or mechanical engineering)	Electrical Mechanical	
		Máster Universitario en Ingeniería Industrial (with specialisation in electrical or mechanical engineering)	Electrical Mechanical	
	 Universidad Alfonso X el Sabio 	Ingeniero de Caminos, Canales y Puertos	Civil	
		Máster Universitario en Ingeniería de Caminos, Canales y Puertos	Civil	

THE SCHEDULE — continued

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	THE SCHEDCEE	continuedi	
First column	Second column	Third column	Fourth column
Country	University, College or Institution	<i>Qualification</i> Ingeniero Industrial (with specialisation in electrical or mechanical engineering)	Branch of Engineering Electrical Mechanical
		Máster Universitario en Ingeniería Industrial (with specialisation in electrical or mechanical engineering)	Electrical Mechanical
	5. Universidad de Cantabria	Ingeniero de Caminos, Canales y Puertos	Civil
		Máster Universitario en Ingeniería de Caminos, Canales y Puertos	Civil
		Ingeniero Industrial (with specialisation in electrical or mechanical engineering)	Electrical Mechanical
		Máster Universitario en Ingeniería Industrial (with specialisation in electrical or	Electrical Mechanical

	THE SCHEDULE -	– continued	
First column	Second column	Third column	Fourth column
Country	University, College or Institution	<i>Qualification</i> mechanical engineering)	Branch of Engineering
SWEDEN	1. Chalmers University of Technology	Civilingenjor	Chemical Civil & Structural Electrical Mechanical
	 Royal Institute of Technology 	Civilingenjor	Chemical Civil & Structural Electrical Mechanical
	 Lund Institute of Technology 	Civilingenjor	Chemical Civil & Structural Electrical Mechanical
SWITZERLAND	 Eidgenössische Technische Hochschule Zürich/Swiss Federal Institute of Technology in Zurich 	Dipl. Ing.	Chemical Electrical & Electronic Mechanical
	2. École Polytechnique Fédérale de Lausanne/Swiss Federal Institute of Technology in Lausanne	Dipl. Ing.	Chemical Civil Electrical Mechanical

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THE SCHEDULE — *continued*

PART IV

DIVISION I

Degrees from engineering degree programmes which are conducted within the country or region in the first column and accredited by the accrediting organisation in the second column —

First column	Second column	Third column
Country/Region	Accrediting Organisation	Date
AUSTRALIA	Engineers Australia	1st January 1989
CANADA	The Canadian Engineering Accreditation Board of Engineers Canada	1st January 1989
FRANCE	Commission des Titres d'Ingénieur, France	1st January 1991
IRELAND	The Institution of Engineers of Ireland	1st January1989
JAPAN	Japan Accreditation Board for Engineering Education	1st January 2005
MALAYSIA	Board of Engineers Malaysia	1st January 2009
NEW ZEALAND	Institution of Professional Engineers New Zealand	1st January 1989
PEOPLE'S REPUBLIC OF CHINA	China Association for Science and Technology	1 January 2016
REPUBLIC OF KOREA	Accreditation Board for Engineering Education of Korea	1st January 2007
RUSSIA	Association for Engineering Education of Russia	1 January 2012
SINGAPORE	Engineering Accreditation Board of the Institution of Engineers, Singapore	1st January 2006
SOUTH AFRICA	Engineering Council of South Africa	1st January 1999
SRI LANKA	Institution of Engineers Sri Lanka	1 January 2014

T	HE SCHEDULE — continued
TAIWAN	Institute of Engineering1st January 2007Education Taiwan
TURKEY	Association for Evaluation and 1 January 2011 Accreditation of Engineering Programs
UNITED STATES OF AMERICA	The Engineering Accreditation 1st January 1989 Commission of the Accreditation Board for Engineering and Technology, Inc
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DIVISION IA

Degrees from engineering degree programmes which are conducted within the country or region in the first column accredited by the accrediting organisation in the second column and which meet the requirement in the fourth column —

First column	Second column	Third column	Fourth column
Country/ Region	Accrediting Organisation	Date	Requirement
INDIA	National Board of Accreditation	1 January 2014	The engineering degree programme is provided by a University, College or Institution recognised by the National Board of Accreditation as a Tier 1 provider

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THE SCHEDULE — *continued*

DIVISION II

First column	Second column	Third column	Fourth column
<i>Country</i> AUSTRALIA Engineers Australia	University, College or Institution 1. University of Adelaide	<i>Qualification</i> BE	Branch of Engineering Chemical Civil Electrical & Electronic Mechanical
	2. Curtin University of Technology	BE	Chemical Civil & Construction Electrical Mechanical
	 James Cook University of North Queensland 	BE	Civil Electrical
	4. University of Melbourne	BE	Chemical Civil Electrical Mechanical & Manufacturing
	5. University of New South Wales	BE	Chemical Civil Electrical Mechanical
	6. Monash University (Clayton Campus)	BE	Chemical Civil Electrical Mechanical
	7. University of Newcastle	BE	Chemical Civil Electrical Mechanical
	8. University of Queensland	BE	Chemical Civil

	THE SCHEDULE –	- continued	
First column	Second column	Third column	Fourth column
Country	University, College or Institution	Qualification	Branch of Engineering Electrical Mechanical
	9. Queensland University of Technology (QUT)	BE	Civil Electrical Electrical and Computer Engineering Mechanical
	 Royal Melbourne Institute of Technology 	BE	Chemical Civil Electrical Mechanical
	11. University of Sydney	BE	Chemical Civil Electrical Mechanical
	12. University of South Australia	BE	Civil Electrical Mechanical Mechanical (Manufacturing option)
	13. University of Western Australia	BE	Civil Electrical & Electronic Mechanical
	14. University of Wollongong	BE	Civil Mechanical Electrical
CANADA The Canadian Engineering Accreditation	1. University of Alberta	BSc(Eng)	Chemical Civil Electrical Mechanical
Board of Engineers Canada		BA Sc(Eng)	

THE SCHEDULE — continued

First column	Second column	Third column	Fourth column
Country	<i>iversity, College or</i> <i>Institution</i> . University of British Columbia	Qualification	Branch of Engineering Chemical Civil Electrical Mechanical
3	. University of Calgary	BSc(Eng)	Chemical Civil Electrical Mechanical
4	. Carleton University	BE	Civil Electrical Mechanical
5	. Concordia University	BE	Civil Electrical Mechanical
6	. Dalhousie University (formerly Technical University of Nova Scotia)	BE	Chemical Civil Electrical Mechanical
7	. École Polytechnique de Montréal	BSc A	Chemical Civil Electrical Mechanical
8	. Lakehead University	BE	Chemical Civil Electrical Mechanical
9	. Université Laval	BSc A	Chemical Civil Electrical Mechanical
10	. McGill University	BE	Chemical Civil

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THE SCHEDULE — continued			
First column	Second column	Third column	Fourth column
<i>Country</i>	University, College or Institution	Qualification	Branch of Engineering Electrical Mechanical
1	1. McMaster University	BE	Chemical Civil Electrical Mechanical
1	2. University of Manitoba	BSc	Civil Electrical Mechanical
1	3. Memorial University of Newfoundland	BE	Civil Electrical Mechanical
1	4. University of New Brunswick	BSc E	Chemical Civil Electrical Mechanical
1	5. University of Ottawa	BA Sc	Chemical Civil Electrical Mechanical
1	6. Queen's University of Kingston	BSc(Eng)	Chemical Civil Electrical Mechanical
1	7. Royal Military College of Canada Kingston, Ontario	BE	Chemical Civil Electrical Mechanical
1	8. University of Saskatchewan	BE	Chemical Civil Electrical Mechanical
1	9. University of Sherbrooke	BSc A	Chemical Civil

Mechanical

	THE SCHEDULE —	- continued	
First column	Second column	Third column	Fourth column
Country	University, College or Institution	Qualification	Branch of Engineering Electrical Mechanical
	20. University of Toronto	BA Sc	Chemical Civil Electrical Mechanical
	21. University of Victoria	BEng	Electrical Mechanical
	22. University of Waterloo	BA Sc	Chemical Civil Electrical Mechanical
	23. University of Western Ontario	BE Sc	Chemical Civil Electrical Mechanical
	24. University of Windsor	BA Sc	Chemical Civil Electrical Mechanical
IRELAND The Institution of Engineers of Ireland	1. Dublin University	BA I	Civil Electrical Mechanical
JAPAN Japan	1. Chiba University	BE	Electrical Mechanical
Accreditation Board for Engineering Education	2. Hiroshima University	BE	Chemical Electrical Mechanical
	3. Hokkaido University	BE	Civil Electrical

THE SCHEDULE — continued

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First column	Second column	Third column	Fourth column
Country	niversity, College or Institution . Kobe University	<i>Qualification</i> BE	Branch of Engineering Chemical Civil Electrical Mechanical
5	. Kyoto University	BE	Chemical Civil Electrical Mechanical
6	. Kyushu University	BE	Chemical Civil Electrical Mechanical
7	. Nagoya University	BE	Chemical Civil Electrical Mechanical
8	. Osaka University	BE	Civil Electrical Mechanical
ç	. Tohoku University	BE	Chemical Civil Electrical Mechanical
10	. Tokyo University	BE	Civil Electrical Mechanical
11	. Tokyo Institute of Technology	BE	Chemical Civil Electrical Mechanical
12	. Yokohama National University	BE	Chemical Civil Electrical Mechanical

THE SCHEDULE — *continued*

First column	Second column	Third column	Fourth column
<i>Country</i> MALAYSIA Board of Engineers	University, College or Institution 1. University of Malaya	<i>Qualification</i> BE	Branch of Engineering Chemical Civil Electrical
Malaysia		DE	Mechanical
NEW ZEALAND Institution of Professional Engineers New	1. University of Auckland	BE	Chemical Civil Electrical Mechanical
Zealand	2. University of Canterbury	BE	Chemical & Process Engineering Civil Electrical & Electronic Mechanical
REPUBLIC OF KOREA	1. Seoul National University	BSc (Engineering)	Civil
Accreditation Board for Engineering Education of Korea	2. Hanyang University	BSc (Engineering)	Civil
	3. Yonsei University	BSc (Engineering)	Civil
	4. Korea University	BSc (Engineering)	Civil
	5. Kyungpook National University	BSc (Engineering)	Civil
	6. Pusan National University	BEng	Civil

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DIVISION III

Degrees which are accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology, Inc, United States of America.

THE SCHEDULE — continued

DIVISION IV

Degrees which are accredited by the Commission des Titres d'Ingenieur, France.

PART V

DIVISION I

Degrees from engineering degree programmes which are conducted within the country or region in the first column and accredited by the accrediting organisation in the second column —

First column	Second column	Third column
Country/Region	Accrediting Organisation	Date
HONG KONG	Hong Kong Institution of Engineers	1st January 1995
UNITED KINGDOM	Engineering Council UK	1st January 1989

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DIVISION II

First column	Second column	Third column	Fourth column
<i>Country</i> HONG KONG Special Administrative Region, People's Republic of China Hong Kong Institution of Engineers	University, College or Institution 1. University of Hong Kong	<i>Qualification</i> BEng (Hons) or MEng	Branch of Engineering Civil Electrical & Electronic Mechanical
UNITED KINGDOM Engineering Council UK	1. University of Aberdeen	BEng (Hons) or MEng	Civil Electrical & Electronic Mechanical
	2. University of Aston in Birmingham	BEng (Hons) or MEng	Chemical Process Engineering Civil Electrical &

First column	Second column	Third column	Fourth column
Country	University, College or Institution	Qualification	Branch of Engineering
			Electronic Mechanical
	3. University of Bath	BEng (Hons) or MEng	Chemical Chemical & Bio Process Engineering Civil Electrical & Electronic Mechanical
	4. Queen's University of Belfast	BEng (Hons) or MEng	Chemical Civil Electrical & Electronic Mechanical
	5. University of Birmingham	BEng (Hons) or MEng	Chemical Civil Electronic & Electrical Mechanical
	6. University of Bradford	BEng (Hons) or MEng	Chemical Civil & Structural Electrical & Electronic Mechanical
	7. University of Bristol	BEng (Hons) or MEng	Civil Electrical & Electronic Mechanical
	8. Brunel University	BEng (Hons) or MEng	Electrical & Electronic Mechanical
	9. University of Cambridge	BA/MEng	Chemical Engineering

THE SCHEDULE — continued			
First column	Second column	Third column	Fourth column
Country	University, College or Institution	Qualification	Branch of Engineering
			Tripos (Part I) Electrical & Information Sciences Engineering Tripos (Part IB & Part II options in Civil & Structural Engineering) Engineering Tripos (Parts IA, IB & II)
	10. City University	BEng (Hons) or MEng	Civil Mechanical Electrical & Electronic
	11. Coventry University	BEng (First Class Hons) or MEng	Civil Electrical & Electronic Mechanical
	12. University of Durham	BEng (Hons) or MEng	Civil Electrical Mechanical
	13. University of Dundee	BEng (Hons) or MEng	Civil Electrical & Electronic Mechanical
	14. University of Edinburgh	BEng (Hons) or MEng	Chemical Civil Electronics & Electrical Mechanical

First column	Second column	Third column	Fourth column
Country	University, College or Institution 15. University of Exeter	<i>Qualification</i> BEng (Hons) or MEng	Branch of Engineering Chemical Civil Mechanical
	16. University of Glasgow	BEng (Hons) or MEng	Civil Electronics & Electrical Mechanical
	17. University of Greenwich	BEng (First Class Hons) or MEng	Civil Electrical & Electronic Mechanical
	18. Heriot-Watt University	BEng (Hons) or MEng	Chemical Civil Electrical & Electronic Mechanical
	19. University of Hertfordshire	BEng (First Class Hons) or MEng	Civil Electrical & Electronic Mechanical
	20. University of Hull	BEng (Hons) or MEng	Mechanical
	21. University of Lancaster	BEng (Hons) or MEng	Mechanical
	22. University of Leeds	BEng (Hons) or MEng	Chemical Civil Electrical & Electronic Mechanical
	23. University of Leicester	BEng (Hons) or MEng	Electrical & Electronic Mechanical
	24. University of Liverpool	BEng (Hons) or MEng	Civil Electrical

THE SCHEDULE — continued			
First column	Second column	Third column	Fourth column
Country	University, College or Institution	Qualification	Branch of Engineering Electrical & Electronic Mechanical
	25. Liverpool John Moores University	BEng (First Class Hons) or MEng	Civil Mechanical
	26. University of London Imperial College	BEng (Hons) or MEng	Chemical Civil Electrical & Electronic Mechanical
	27. University of London King's College	BEng (Hons) or MEng	Electronic & Electrical Mechanical
	28. University of London — Queen Mary and Westfield College	BEng (Hons) or MEng	Civil Mechanical
	29. University of London — University College	BEng (Hons) or MEng	Chemical Civil Electronic & Electrical Mechanical
	 Loughborough University of Technology 	BEng (Hons) or MEng	Chemical Civil Mechanical Electronic & Electrical
	31. University of Manchester	BEng (Hons) or MEng	Civil Electronic & Electrical

THE SCHEDULE . time of

Mechanical

THE SCHEDULE — continued

First column	Second column	Third column	Fourth column
Country	University, College or Institution	Qualification	Branch of Engineering
	32. University of Newcastle- Upon-Tyne	BEng (Hons) or MEng	Chemical Civil Electronic & Electrical Mechanical
	33. University of Northumbria at Newcastle	BEng (First Class Hons) or MEng	Electrical & Electronic Mechanical
	34. University of Nottingham	BEng (Hons) or MEng	Chemical Civil Electrical & Electronic Mechanical
	35. University of Oxford	BA (Hons) or MEng	Engineering Science (Civil) Engineering Science (Electrical) Engineering Science (Mechanical)
	36. University of Portsmouth	BEng (First Class Hons) or MEng	Civil Electrical & Electronic Mechanical
	37. University of Plymouth	BEng (First Class Hons) or MEng	Civil Electrical & Electronic Mechanical
	38. Reading University	BEng (Hons) or MEng	Mechanical
	39. University of Salford	BEng (Hons) or MEng	Chemical Civil Electronic &

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THE SCHEDULE — continued			
First column	Second column	Third column	Fourth column
Country	University, College or Institution	Qualification	Branch of Engineering Electrical Mechanical
	40. University of Sheffield	BEng (Hons) or MEng	Chemical Process Engineering Bio-Technology Chemical Process Engineering Fuel Technology Civil & Structural Electrical Mechanical
	41. Sheffield Hallam University	BEng (First Class Hons) or MEng	Civil
	42. University of Southampton	BEng (Hons) or MEng	Civil Electrical Mechanical
	43. South Bank University	BEng (First Class Hons) or MEng	Chemical Civil Electrical & Electronic Mechanical
	44. University of Strathclyde	BEng (Hons) or MEng	Civil Electrical & Electronic Mechanical
	45. University of Surrey	BEng (Hons) or MEng	Chemical Civil Electronic & Electrical

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Mechanical

First column	Second column	Third column	Fourth column
Country	University, College or Institution	Qualification	Branch of Engineering
	46. University of Sussex	BEng (Hons) or MEng	Electrical & Electronic Mechanical
	47. University of Wales College of Cardiff	BEng (Hons) or MEng	Civil Electrical & Electronic Mechanical
	48. University of Wales Swansea	BEng (Hons) or MEng	Chemical Civil Electronic & Electrical Mechanical
4	49. University of Westminster	BEng (First Class Hons) or MEng	Civil Mechanical
	50. University of Manchester Institute of Science and Technology	BEng (Hons) or MEng	Chemical

THE SCHEDULE — continued

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Made this 28th day of December 2009.

BENNY LIM

Permanent Secretary, Ministry of National Development, Singapore.

[ND 311/2-12 V69; AG/LEG/SL/253/2003/1 Vol. 2]