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No. S 587

PROFESSIONAL ENGINEERS ACT
(CHAPTER 253)

PROFESSIONAL ENGINEERS
(APPROVED QUALIFICATIONS) (AMENDMENT)
NOTIFICATION 2016

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, makes the following Notification:

Citation and commencement

1. This Notification is the Professional Engineers (Approved Qualifications) (Amendment) Notification 2016 and comes into operation on 1 January 2017.

Deletion and substitution of Part III of Schedule

2. Part III of the Schedule to the Professional Engineers (Approved Qualifications) Notification 2009 (G.N. No. S 653/2009) (called in this Notification the principal Notification) is deleted and the following Part substituted therefor:

 “PART III

<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>
BELGIUM	1. Katholieke Universiteit Leuven	Burgerlijk	Civil Electrical Mechanical
		Bouwkundig	
		Ingenieur	
	2. Universiteit Gent	Burgerlijk	Civil Electrical Mechanical
		Bouwkundig	
		Ingenieur	
		Burgerlijk	
		Elektrotechnisch – Werktuigkundig	
		Ingenieur – richting mechanica	
3. Vrije Universiteit Brussel	Burgerlijk	Civil Electrical Mechanical	
	Bouwkundig		
	Ingenieur		
	Burgerlijk		
	Elektrotechnisch – Werktuigkundig		
	Ingenieur – richting mechanica		
GERMANY	1. Rheinisch-Westfälische Technische Hochschule Aachen	Dipl.-Ing.	Chemical Civil Electrical Mechanical
	2. Technische Universität Berlin	Dipl.-Ing.	Chemical Civil Electrical
	3. Technische Universität Carolo-Wilhelmina zu Braunschweig	Dipl.-Ing.	Civil Electrical

<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>	
	4. Technische Universität Darmstadt	Dipl.-Ing.	Civil Electrical Mechanical	
	5. Technische Universität München	Dipl.-Ing.	Chemical Civil Electrical Mechanical	
	6. Universität Stuttgart	Dipl.-Ing.	Civil Electrical Mechanical	
	7. Technische Universität Clausthal	Dipl.-Ing.	Chemical	
	8. Technische Universität Hamburg-Harburg	Dipl.-Ing.	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	1. Universidad Politécnica de Cataluña	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	

<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>
	2. Universidad Politécnica de València	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
	3. 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
	4. Universidad Alfonso X el Sabio	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

<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>
		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 mechanical engineering)	Electrical Mechanical
SWEDEN	1. Chalmers University of Technology	Civilingenjör	Chemical Civil & Structural Electrical Mechanical
	2. Royal Institute of Technology	Civilingenjör	Chemical Civil & Structural Electrical Mechanical
	3. Lund Institute of Technology	Civilingenjör	Chemical Civil & Structural Electrical Mechanical
SWITZERLAND	1. Eidgenössische Technische Hochschule Zürich/Swiss Federal Institute of Technology in Zurich	Dipl. Ing.	Chemical Electrical & Electronic Mechanical

<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>
	2. École Polytechnique Fédérale de Lausanne/Swiss Federal Institute of Technology in Lausanne	Dipl. Ing.	Chemical Civil Electrical Mechanical

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Amendment of Part IV of Schedule

3. Part IV of the Schedule to the principal Notification is amended —

(a) by inserting, immediately after the country “NEW ZEALAND” in Division I, the following country and entries:

<i>First column</i>	<i>Second column</i>	<i>Third column</i>
<i>Country/Region</i>	<i>Accrediting Organisation</i>	<i>Date</i>
“PEOPLE’S REPUBLIC OF CHINA	China Association for Science and Technology	1 January 2016

”; and

(b) by deleting Division II and substituting the following Division:

“DIVISION II

<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>
AUSTRALIA Engineers Australia	1. University of Adelaide	BE	Chemical Civil Electrical & Electronic Mechanical
	2. Curtin University of Technology	BE	Chemical Civil & Construction Electrical Mechanical

<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>
	3. 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 Electrical Mechanical
	9. Queensland University of Technology (QUT)	BE	Civil Electrical Electrical and Computer Engineering Mechanical
	10. Royal Melbourne Institute of Technology	BE	Chemical Civil Electrical Mechanical
	11. University of Sydney	BE	Chemical Civil Electrical Mechanical

<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>
	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 Board of Engineers Canada	1. University of Alberta	BSc(Eng)	Chemical Civil Electrical Mechanical
	2. University of British Columbia	BA Sc(Eng)	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

<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>
	8. Lakehead University	BE	Chemical Civil Electrical Mechanical
	9. Université Laval	BSc A	Chemical Civil Electrical Mechanical
	10. McGill University	BE	Chemical Civil Electrical Mechanical
	11. McMaster University	BE	Chemical Civil Electrical Mechanical
	12. University of Manitoba	BSc	Civil Electrical Mechanical
	13. Memorial University of Newfoundland	BE	Civil Electrical Mechanical
	14. University of New Brunswick	BSc E	Chemical Civil Electrical Mechanical
	15. University of Ottawa	BA Sc	Chemical Civil Electrical Mechanical
	16. Queen's University of Kingston	BSc(Eng)	Chemical Civil Electrical Mechanical
	17. Royal Military College of Canada Kingston, Ontario	BE	Chemical Civil Electrical Mechanical

<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>
	18. University of Saskatchewan	BE	Chemical Civil Electrical Mechanical
	19. University of Sherbrooke	BSc A	Chemical Civil 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 Accreditation Board for Engineering Education	1. Chiba University	BE	Electrical Mechanical
	2. Hiroshima University	BE	Chemical Electrical Mechanical
	3. Hokkaido University	BE	Civil Electrical Mechanical

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<i>Country</i>	<i>University, College or Institution</i>	<i>Qualification</i>	<i>Branch of Engineering</i>
	4. Kobe University	BE	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
	9. 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
MALAYSIA Board of Engineers Malaysia	1. University of Malaya	BE	Chemical Civil Electrical Mechanical

<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>
NEW ZEALAND Institution of Professional Engineers New Zealand	1. University of Auckland	BE	Chemical Civil Electrical Mechanical
	2. University of Canterbury	BE	Chemical & Process Engineering Civil Electrical & Electronic Mechanical
REPUBLIC OF KOREA Accreditation Board for Engineering Education of Korea	1. Seoul National University	BSc (Engineering)	Civil
	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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Amendment of Part V of Schedule

4. Part V of the Schedule to the principal Notification is amended by deleting Division II and substituting the following Division:

 “DIVISION II

<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>
HONG KONG Special Administrative Region, People’s Republic of China Hong Kong Institution of Engineers	1. University of Hong Kong	BEng (Hons) or MEng	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 & 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

<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>
	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 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
	15. University of Exeter	BEng (Hons) or MEng	Chemical Civil Mechanical

<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>
	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 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

<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>
	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
	30. Loughborough University of Technology	BEng (Hons) or MEng	Chemical Civil Mechanical Electronic & Electrical
	31. University of Manchester	BEng (Hons) or MEng	Civil Electronic & Electrical Mechanical
	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)

<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>
	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 & 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

<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>
	45. University of Surrey	BEng (Hons) or MEng	Chemical Civil Electronic & Electrical Mechanical
	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
	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

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[G.N. Nos. S 819/2013; S 502/2015]

Made on 15 November 2016.

OW FOONG PHENG
Permanent Secretary,
Ministry of National Development,
Singapore.