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GOEWERMENSKENNISGEWINGS

DEPARTEMENT VAN ARBEID

No. R. 380 14 Maart 1969
REGULASIES INGEVOLGE DIE WET OP PROFES-
SIONELE INGENIEURS, 1968 (WET 81 VAN 1968)

Die Minister van Openbare Werke het kragtens artikel 26 van die Wet op Professionele Ingenieurs, 1968 (Wet 81 van 1968), die volgende regulasies uitgevaardig:—

Hoofstuk A: Definisies.

Hoofstuk B: Vergaderings en prosedure op vergaderings van die Raad en adviserende komitees.

Hoofstuk C: Besoldiging en toelaes van lede van die Raad en van adviserende komitees.

Hoofstuk D: Register van professionele ingenieurs en ingenieurs-in-opleiding.

Hoofstuk E: Professionele gedragskode.

Hoofstuk F: Gedrag wat onbehoorlike gedrag uitmaak.

Hoofstuk G: Strawwe wat ten opsigte van onbehoorlike gedrag opgelê kan word.

Hoofstuk H: Erkenning van opvoedkundige inrigtings as eksaminerende liggame.

Hoofstuk J: Voorgeskrewe en erkende eksamens.

Hoofstuk K: Algemeen.

HOOFTUK A
DEFINISIES

A1.1 In hierdie regulasies, tensy in stryd met die samehang, het 'n woord of uitdrukking waaraan in die Wet op Professionele Ingenieurs, 1968 (Wet 81 van 1968), 'n betekenis geheg is, dieselfde betekenis en beteken—

“die Wet” die Wet op Professionele Ingenieurs, 1968 (Wet 81 van 1968);

“President” die President van die Suid-Afrikaanse Raad vir Professionele Ingenieurs.

A—38150

GOVERNMENT NOTICES

DEPARTMENT OF LABOUR

No. R. 380 14 March 1969
REGULATIONS IN TERMS OF THE PROFES-
SIONAL ENGINEERS' ACT, 1968 (ACT 81 OF 1968)

The Minister of Public Works has, in terms of section 26 of the Professional Engineers' Act, 1968 (Act 81 of 1968), made the following regulations:—

Chapter A: Definitions.

Chapter B: Meetings and procedure at meeting of the Council and advisory committees.

Chapter C: Remuneration and allowances of members of the Council and advisory committees.

Chapter D: Register of professional engineers and engineers in training.

Chapter E: Code of professional conduct.

Chapter F: Conduct constituting improper conduct.

Chapter G: Punishments which may be imposed in respect of improper conduct.

Chapter H: Recognition of educational institutions as examining bodies.

Chapter J: Prescribed and recognised examinations.

Chapter K: General.

CHAPTER A
DEFINITIONS

A1.1 In these regulations, unless contrary to the context, any expression or word to which a meaning has been assigned in the Professional Engineers' Act, 1968 (Act 81 of 1968), shall bear the same meaning and—

“the Act” means the Professional Engineers' Act, 1968 (Act 81 of 1968);

“President” means the President of the South African Council for Professional Engineers.

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HOOFSTUK B

VERGADERINGS EN PROSEDURE OP VERGADERINGS VAN DIE RAAD EN ADVISERENDE KOMITEES

Vergaderings van die Raad

B1.1 Alle vergaderings van die Raad word behoudens die bepalings van artikel 3 (7) van die Wet en subregulasie 2, gehou op die tye en plekke wat die Raad bepaal: Met dien verstande dat die Raad minstens twee maal in elke jaar moet vergader en verder met dien verstande dat indien die Raad aan die einde van 'n vergadering nie die tyd en plek vir sy volgende vergadering bepaal het nie, die President sodanige tyd en plek moet bepaal.

B1.2 Die President kan te eniger tyd 'n buitengewone vergadering van die Raad belê vir sodanige tyd en plek as wat hy bepaal.

B1.3 Die President moet op skriftelike versoek wat deur minstens vyf lede van die Raad onderteken is, 'n buitengewone vergadering van die Raad belê wat op 'n tyd en plek deur hom bepaal, dog binne vier weke na die datum van ontvangs van bedoelde versoek gehou moet word.

B1.4 Aan elke lid van die Raad moet minstens twee weke skriftelike kennis gegee word van elke vergadering van die Raad.

Kworum en Prosedure op Vergaderings

B2.1 'n Meerderheid van al die lede van die Raad maak 'n kworum vir 'n Raadsvergadering uit.

B2.2 Die beslissing van die meerderheid van die lede van die Raad wat op 'n Raadsvergadering aanwesig is, maak 'n besluit van die Raad uit, en by 'n staking van stemme oor enige aangeleentheid het die persoon wat op die betrokke vergadering voorsit, benewens sy beraadslagende stem ook 'n beslissende stem.

B2.3 Indien 'n lid van die Raad wat teenwoordig is op 'n vergadering van die Raad, dit nie eens is met 'n besluit van die Raad wat op sodanige vergadering geneem is nie, kan hy versoek dat sy teenkanting, met of sonder die redes daarvoor, genotuleer word, en die persoon wat op sodanige vergadering voorsit, moet aan sodanige versoek voldoen of toesien dat daaraan voldoen word.

Vergaderings van die Adviserende Komitees

B3.1 Die eerste vergaderings van die onderskeie adviserende komitees word op tye en plekke wat die president in oorleg met die Raad bepaal en alle daaropvolgende vergaderings word, behoudens die bepalings van subregulasie 2, gehou op tye en plekke wat die onderskeie adviserende komitees self in oorleg met die registrateur bepaal.

B3.2 Die voorsitter van 'n adviserende komitee kan in oorleg met die President, te eniger tyd 'n buitengewone vergadering van daardie adviserende komitee belê vir sodanige tyd en plek as wat die voorsitter bepaal.

B3.3 Aan elke lid van 'n adviserende komitee moet minstens twee weke skriftelike kennis gegee word van elke vergadering van sodanige adviserende komitee.

Kworum en Prosedure op Vergaderings

B4.1 'n Meerderheid van al die lede van 'n adviserende komitee maak 'n kworum vir 'n vergadering van sodanige adviserende komitee uit.

B4.2 Alle aangeleenthede waaroor daar op 'n vergadering van 'n adviserende komitee besluit moet word, word beslis deur die meerderheidstem van die lede wat op die vergadering aanwesig is: Met dien verstande dat die persoon wat op die vergadering voorsit, by 'n staking van stemme benewens sy beraadslagende stem ook 'n beslissende stem het.

CHAPTER B

MEETINGS AND PROCEDURE AT MEETINGS OF THE COUNCIL AND ADVISORY COMMITTEES

Meetings of the Council

B1.1 Subject to the provisions of section 3 (7) of the Act and subregulation 2 all meetings of the Council shall be held at such times and places as may be fixed by the Council: Provided that the Council shall meet at least twice in every year and provided further that if at the close of any meeting the Council has not fixed the time and place for its next meeting, such time and place shall be determined by the President.

B1.2 The President may at any time call a special meeting of the Council to be held at such time and place as he may determine.

B1.3 The President shall, upon a written request signed by not less than five members of the Council, call a special meeting thereof to be held within four weeks after the date of receipt of such request, at such time and place as he may determine.

B1.4 Every member of the Council shall be given not less than two weeks notice, in writing, of every meeting of the Council.

Quorum and Procedure at Meetings

B2.1 A majority of all members of the Council shall form a quorum at any meeting of the Council.

B2.2 The decision of a majority of the members of the Council present at any meeting thereof shall constitute a decision of the Council and, in the event of an equality of votes in regard to any matter, the person presiding at the meeting in question shall have a casting vote in addition to his deliberative vote.

B2.3 If a member of the Council who is present at a meeting of the Council does not agree with a resolution of the Council passed at such a meeting, he may request that his dissension, with or without the reasons therefor, be recorded in the minutes and the person presiding at such a meeting shall comply with such request or ensure that it be complied with.

Meetings of the Advisory Committees

B3.1 The first meetings of the various advisory committees shall be held at times and places to be fixed by the President after consultation with the Council, and all subsequent meetings shall, subject to the provisions of subregulation 2, be held at such times and places as the various advisory committees shall, in consultation with the registrar, themselves determine.

B3.2 The Chairman of an advisory committee may, in consultation with the President, at any time call a special meeting of such advisory committee to be held at such time and place as he may determine.

B3.3 Every member of an advisory committee shall be given not less than two weeks notice, in writing, of every meeting of such advisory committee.

Quorum and Procedure at Meetings

B4.1 A majority of all members of an advisory committee shall form a quorum at any meeting of such advisory committee.

B4.2 All matters which have to be resolved at a meeting of an advisory committee shall be decided by the majority vote of the members present at such meeting: Provided that in the event of an equality of votes the person presiding at the meeting shall have a casting vote in addition to his deliberative vote.

HOOFSTUK C

BESOLDIGING EN TOELAES VAN LEDE VAN DIE
RAAD EN VAN ADVISERENDE KOMITEES*Die Raad en Komitees van die Raad*

C1.1 Daar word aan 'n lid van die Raad of 'n komitee van die Raad, insluitende 'n persoon wat as plaasvervanger van so 'n lid aangestel is, maar nie 'n lid of persoon in diens van die Staat is nie, vir dienste in verband met die werk van die Raad deur hom gelewer sodanige besoldiging, en tot dekking van uitgawes redelikerwys deur hom aangegaan in verband met die verrigting van sy pligte as lid van die Raad of van so 'n komitee, sodanige toelaes betaal as wat die Minister van tyd tot tyd na oorlegpleging met die Raad bepaal.

C1.2 'n Lid van die Raad of van 'n komitee wat in diens van die Staat is, kan benewens sy besoldiging ten opsigte van daardie diens, sodanige besoldiging ontvang vir spesiale dienste deur hom gelewer as wat die Minister van tyd tot tyd na oorlegpleging met die Raad bepaal.

C1.3 Enige besoldiging of toelaes wat kragtens subregulasie 1 of 2 betaalbaar word, word uit die fondse van die Raad betaal.

C1.4 Die Raad moet aan die Minister enige reis- of verblyftoelaes terugbetaal wat uit staatsfondse betaal word aan 'n lid van die Raad wat kragtens artikel 3 (1) (e) van die Wet aangestel is, of aan iemand kragtens artikel 3 (4) van die Wet deur so 'n lid aangewys om in sy plek op te tree, of aan 'n lid van 'n komitee van die Raad wat in diens van die Staat is, terwyl hy besig is met die sake van die Raad of 'n komitee van die Raad.

Adviserende Komitees

C2.1 Daar word aan 'n lid van 'n adviserende komitee, insluitende 'n persoon wat as plaasvervanger van so 'n lid aangestel is maar nie 'n lid of persoon in diens van die Staat is nie, vir dienste in verband met die werk van die adviserende komitee deur hom gelewer sodanige besoldiging en tot dekking van uitgawes redelikerwys deur hom aangegaan in verband met die verrigting van sy pligte as lid van 'n adviserende komitee sodanige toelaes betaal as wat die Minister van tyd tot tyd na oorlegpleging met die Raad bepaal.

C2.2 'n Lid van 'n adviserende komitee wat in diens van die Staat is, kan benewens sy besoldiging ten opsigte van sodanige diens sodanige besoldiging vir sy diens as lid ontvang as wat die Minister van tyd tot tyd na oorlegpleging met die Raad bepaal.

C2.3 Enige besoldiging of toelaes wat kragtens subregulasie 1 of 2 betaalbaar word, word uit die fondse van die Raad betaal.

C2.4 Die bepalinge van regulasie C1.4 is *mutatis mutandis* van toepassing ten opsigte van verblyf- enervoertoelaes wat uit staatsfondse betaal word aan 'n lid van 'n adviserende komitee wat kragtens artikel 12 (1) (a) (ii) of (b) (ii) van die Wet aangestel is of aan iemand wat kragtens artikel 12 (2) van die Wet aangestel is om in sy plek op te tree.

HOOFSTUK D

REGISTER VAN PROFESSIONELE INGENIEURS
EN INGENIEURS-IN-OPLEIDING*Aanle van Register*

D1.1 Behoudens die bepalinge van artikel 7 (2) van die Wet moet vanaf die inwerkingtreding van die Wet 'n register gehou word waarin ingeskryf moet word die naam,

CHAPTER C

REMUNERATION AND ALLOWANCES OF
MEMBERS OF THE COUNCIL AND ADVISORY
COMMITTEES*The Council and Committees of the Council*

C1.1 There shall be payable to a member of the Council or a committee of the Council, including any person appointed as alternate to any such member, not being a member or person in the service of the State, such remuneration for services rendered by him in connection with the work of the Council and such allowances to cover expenses reasonably incurred by him in the performance of his duties as a member of the Council or of any such committee as the Minister may from time to time, after consultation with the Council, determine.

C1.2 Any member of the Council or of a committee who is in the service of the State may, in addition to his remuneration in respect of such service, receive such remuneration for special services rendered by him to the Council as the Minister may from time to time, after consultation with the Council, determine.

C1.3 Any remuneration or allowances which become payable in terms of subregulation 1 or 2 shall be paid out of the funds of the Council.

C1.4 The Council shall refund to the Minister any transport or subsistence allowances paid out of public funds to any member of the Council appointed in terms of section 3 (1) (e) of the Act or a person designated by such member under section 3 (4) of the Act to act in his stead or any member of a committee of the Council who is in the service of the State, whilst engaged in the business of the Council or a committee thereof.

Advisory Committees

C2.1 There shall be payable to a member of an advisory committee, including any person appointed as an alternate to any such member, not being a member or person in the service of the State, such remuneration for services rendered by him in connection with the work of the advisory committee and such allowances to cover expenses reasonably incurred by him in the performance of his duties as a member of an advisory committee as the Minister may from time to time, after consultation with the Council, determine.

C2.2 Any member of an advisory committee who is in the service of the State may, in addition to his remuneration in respect of such service, receive such remuneration for his services as a member as the Minister may from time to time, after consultation with the Council, determine.

C2.3 Any remuneration or allowances which become payable under subregulation 1 or 2, shall be paid out of the funds of the Council.

C2.4 The provisions of regulation C1.4 shall apply *mutatis mutandis* in connection with any subsistence and transport allowances paid out of public funds to any member of an advisory committee appointed under section 12 (1) (a) (ii) or (b) (ii) of the Act or any person appointed under section 12 (2) of the Act to act in his stead.

CHAPTER D

REGISTER OF PROFESSIONAL ENGINEERS AND
ENGINEERS IN TRAINING*Establishment of Register*

D1.1 As from the commencement of the Act, a register shall, subject to the provisions of section 7 (2) of the Act, be kept in which shall be entered the name, address,

adres, kwalifikasies en die dag van eerste registrasie van en sodanige ander besonderhede as wat die Raad mag voorskryf aangaande 'n persoon wie se aansoek om registrasie as 'n professionele ingenieur kragtens artikel 18 (2), (4) of (6), of as 'n ingenieur-in-opleiding kragtens artikel 18 (3) van die Wet deur die Raad goedgekeur is.

D1.2 So spoedig moontlik na die inwerkingtreding van die Wet moet bedoelde besonderhede aangaande 'n persoon vermeld in subregulasie 1 teen betaling van gelde voorgeskryf deur die Raad, in die register ingeskryf word.

D1.3 Die datum van eerste registrasie van 'n persoon bedoel in subregulasie 1 is die datum wat verskyn op die registrasiesertifikaat wat kragtens die Wet aan hom uitgereik is.

Hou van Register

D2.1 Die registrateur moet die register met juistheid en ooreenkomstig die bepalings van die Wet hou, die naam van enige professionele ingenieur of ingenieur-in-opleiding wat oorlede is of wie se registrasie ingevolge artikel 18 (8) of (9) gekanselleer is of verval het of wat ingevolge artikel 23 (1) weens onbehoorlike gedrag of kragtens artikel 25 (2) weens gekrenkte geestesvermoë in sy beroep geskors is, daaruit skrap en moet op gesag van die Raad van tyd tot tyd die nodige veranderings of aanvullings bewerkstellig.

D2.2 Geen besonderhede aangaande 'n graad, diploma of sertifikaat word in die register ingeskryf nie, tensy die Raad daarvan oortuig is dat die persoon wat op die besit van daardie graad, diploma of sertifikaat aanspraak maak, daartoe geregtig is.

D2.3 Indien die Raad op grond van gelewerde bewys daarvan oortuig is dat 'n inskrywing plaasgevind het per abuis of ten gevolge van bedrieglike voorstellings of onder omstandighede wat nie regtens verdedigbaar is nie, moet sodanige inskrywing uit die register geskrap word.

D2.4 Wanneer 'n inskrywing ten opsigte van 'n persoon op gesag van die Raad geskrap is, moet die registrateur die betrokke persoon binne sewe dae na sodanige skraping skriftelik by sy laaste bekende adres daarvan in kennis stel.

D2.5 'n Registrasiesertifikaat wat kragtens artikel 18 van die Wet uitgereik is, word geag gekanselleer te wees vanaf die datum waarop die betrokke registrasie deur die Raad kragtens die toepaslike bepalings van die Wet of van hierdie regulasies gekanselleer is of kragtens artikel 18 (9) van die Wet verval het.

D2.6 Die register word gehou in die kantoor van die Raad en die registrateur moet van tyd tot tyd op gesag van die Raad eksemplare van die register laat druk en publiseer.

Register Dien as Bewys

D3.1 As iemand se naam nie in die jongste gepubliseerde uitgawe van die register verskyn nie, geld dit, totdat die teendeel bewys is, as bewys dat sodanige persoon nie ooreenkomstig die bepalings van die Wet geregistreer is nie: Met dien verstande dat 'n sertifikaat uitgereik onder die hand van die registrateur dat iemand wie se naam nie in die register verskyn nie of wie se naam in die register bygevoeg is ná die datum van die laaste gepubliseerde uitgawe daarvan, wel geregistreer is, as bewys geld dat sodanige persoon kragtens die bepalings van die Wet geregistreer is: Met dien verstande verder dat in die geval van 'n persoon wie se naam sedert die datum van die jongste gepubliseerde uitgawe van die register uit die register geskrap is en nie daarin herstel is nie, 'n sertifikaat uitgereik onder die hand van die registrateur en ten effekte dat die naam van die persoon uit die register geskrap is, as bewys geld dat sodanige persoon nie ooreenkomstig die Wet geregistreer is nie.

qualifications and date of first registration of and such other particulars as the Council may prescribe relating to any person whose application for registration as a professional engineer under section 18 (2), (4) or (6) or as an engineer in training under section 18 (3) of the Act, has been approved by the Council.

D1.2 As soon as possible after commencement of the Act, such particulars regarding any person referred to in subregulation 1 shall upon payment of any fees prescribed by the Council, be entered in the register.

D1.3 The date of first registration of any person referred to in subregulation 1 shall be the date which appears on the certificate of registration issued to him in terms of the Act.

Keeping of Register

D2.1 The registrar shall keep the register correctly and in accordance with the provisions of the Act, shall remove therefrom the name of any professional engineer or engineer in training who has died or whose registration has been cancelled or has lapsed in terms of section 18 (8) or (9) thereof or who has been suspended from his profession under section 23 (1) by reason of improper conduct or under section 25 (2) by reason of mental disability, and shall under the authority of the Council, from time to time make the necessary alterations or additions.

D2.2 No particulars in regard to any degree, diploma or certificate shall be entered in the register unless the Council is satisfied that the person claiming to possess such degree, diploma or certificate is entitled thereto.

D2.3 Any entry which is proved to the satisfaction of the Council to have been made in error or through fraudulent misrepresentation or under circumstances not tenable in law, shall be deleted from the register.

D2.4 Whenever any entry in respect of any person has been deleted under the authority of the Council, the registrar shall within seven days of such deletion notify the person concerned, in writing, thereof at his last known address.

D2.5 Any certificate of registration issued in terms of section 18 of the Act shall be deemed to be cancelled from the date upon which the relative registration is cancelled by the Council in terms of the appropriate provisions of the Act of these regulations or has lapsed in terms of section 18 (9) of the Act.

D2.6 The register shall be kept in the office of the Council and the registrar shall from time to time under the authority of the Council cause copies of the register to be printed and published.

Register Serves as Evidence

D3.1 The absence of the name of any person from the last published issue of the register shall, until the contrary is proved, be evidence, that such person is not registered in accordance with the provisions of the Act: Provided that in the case of any person whose name does not appear in such register or whose name has been added to the register after the date of the last published issue thereof, a certificate under the hand of the registrar that such person has been registered, shall be evidence that such person is registered under the provisions of the Act: Provided further that in the case of a person whose name has been removed from the register since the date of the last published issue thereof and has not been restored thereto, a certificate under the hand of the registrar that the name of such person has been removed from the register, shall be evidence that such person is not registered in accordance with the provisions of the Act.

D3.2 Teen betaling van sodanige gelde en onderworpe aan sodanige voorwaardes as wat die Raad van tyd tot tyd voorskryf, kan die registrateur 'n duplikaat van 'n registrasiesertifikaat aan 'n geregistreerde persoon uitreik of 'n gewaarmerkte uittreksel uit die register aan enigiemand uitreik.

HOOFSTUK E

PROFESSIONELE GEDRAGSKODE

E1.1 'n Professionele ingenieur en 'n ingenieur-in-opleiding moet by die uitoefening van sy beroep die volgende gedragskode nakom:—

- (a) Hy moet in sy verpligtinge teenoor sy werkgever of kliënt en sy beroep ten volle rekening hou met die openbare belang.
- (b) Hy moet hom so gedra dat die waardigheid, status en goeie naam van die ingenieursberoep hoog gehou word.
- (c) Hy moet sy verpligtinge teenoor sy werkgever of kliënt op 'n bevoegde en bekwame wyse en met volkome getrouheid nakom.
- (d) Hy mag nie werk van 'n ingenieursaard onderneem as sy opleiding en ondervinding hom nie vir die uitvoering daarvan bevoegd maak nie.
- (e) Hy moet enige aansienlike belang wat hy het by 'n maatskappy, firma of persoon wat kontrak-, konsulerende of vervaardigingsake verrig wat betrokke is of kan wees by die werk waarop sy diens betrekking het, skriftelik onder die aandag van sy werkgever of kliënt bring.
- (f) Hy mag nie regstreeks of onregstreeks vergoeding by wyse van tantieme, gratifikasie, kommissie of ander vergoeding ontvang ten opsigte van 'n artikel of proses wat gebruik word in of vir doeleindes van die werk ten opsigte waarvan hy in diens is nie, behalwe waar sy werkgever of kliënt skriftelike magtiging daartoe verleen het dat hy sodanige tantieme, gratifikasie, kommissie of ander vergoeding kan aanvaar.
- (g) Hy mag nie op onbehoorlike wyse professionele werk werf of probeer werf of aanbied om by wyse van kommissie of andersins vir verkryging van sulke werk te betaal nie.
- (h) Hy mag nie sy dienste as professionele konsultant adverteer op 'n selfverheffende wyse of op 'n ander wyse wat die waardigheid van die professie kan skaad nie.
- (i) Hy moet hom daarvan weerhou om die voordele verbonde aan 'n gesalarieerde betrekking te gebruik om op onbillike wyse met ander professionele ingenieurs mee te ding.
- (j) Hy moet sy gedrag in verband met ingenieurswerk buite die Republiek skik na die reëls in hierdie regulasie neergelê vir sover hulle van toepassing is: Met dien verstande dat waar daar in 'n land buite die Republiek erkende standaarde van professionele gedrag bestaan, hy sodanige standaarde moet eerbiedig.
- (k) Hy moet hom daarvan weerhou om voorstelle met prysopgawes aan te vra of voor te lê onder omstandighede wat op prysmededinging vir professionele raadgevende dienste neerkom.
- (l) Hy moet hom daarvan weerhou om, regstreeks of onregstreeks kwaadwilliglik of op roekelose wyse die professionele aansien, professionele vooruitsigte of sake van 'n ander professionele ingenieur te benadeel.
- (m) Hy mag nie pogings aanwend om met betrekking tot 'n besondere diens 'n ander professionele ingenieur te verdring nadat besliste stappe gedoen is om laasgenoemde persoon in diens te neem nie.

D3.2 The registrar may issue a duplicate registration certificate to any registered person or a certified extract from the register to any person upon payment of such fees and subject to such conditions as the Council may from time to time prescribe.

CHAPTER E

CODE OF PROFESSIONAL CONDUCT

E1 A professional engineer or an engineer in training shall, in carrying on his profession, comply with the following code of conduct:—

- (a) He shall, in his responsibility to his employer or client and to the profession, have full regard to the public interest.
- (b) He shall order his conduct so as to uphold the dignity, standing and reputation of the profession.
- (c) He shall discharge his duties to his employer or client in an efficient and competent manner and with complete fidelity.
- (d) He shall not undertake work of an engineering nature for the execution of which his training and experience have not rendered him competent.
- (e) He shall disclose to his employer or client, in writing, any substantial interest he may have in any company, firm or person carrying on any contracting, consulting or manufacturing business which is or may be involved in the work to which his employment relates.
- (f) He shall not receive, directly or indirectly, any royalty, gratuity, commission or other remuneration on any article or process used in or for the purposes of the work in respect of which he is employed, unless or until such royalty, gratuity, commission or other remuneration has been authorised, in writing, by his employer or client.
- (g) He shall not improperly canvass or solicit professional employment nor offer to make, by way of commission or otherwise, payment for the obtaining of such employment.
- (h) He shall not advertise his professional consulting services in a self-laudatory manner or any other manner derogatory to the dignity of the profession.
- (i) He shall not use the advantages of a salaried position to compete unfairly with other professional engineers.
- (j) He shall order his conduct in connection with engineering work outside the borders of the Republic of South Africa to the rules in this regulation in so far as they are applicable: Provided that where there are recognised standards of professional conduct in a country outside the Republic, he shall adhere to those standards.
- (k) He shall not invite or submit priced proposals under conditions that constitute price competition for professional consulting services.
- (l) He shall not maliciously or recklessly injure, whether directly or indirectly, the professional reputation, professional prospects, or business of any other professional engineer.
- (m) He shall not attempt to supplant another professional engineer in a particular engagement after definite steps have been taken towards the latter's employment.

(n) Hy mag die werk van 'n ander professionele ingenieur vir dieselfde klient nie sonder die medewete van sodanige professionele ingenieur nagaan nie, tensy bedoelde professionele ingenieur se diens in verband met die werk wat nagegaan word, beëindig is.

(o) Hy mag nie in sy hoedanigheid van professionele ingenieur in private praktyk 'n vennootskap of ander betrekking met iemand anders as 'n professionele ingenieur, aangaan as die goedkeuring van die Raad nie eers verkry is nie.

(p) Behalwe op gesag en ten behoeve van sy werkgewer of klient, mag hy nie kontrakte aangaan of bestellings plaas nie; hy mag ook nie die medium vir betalings namens sy werkgewer of klient wees nie, dog moet slegs betalingsertifikate aan sy werkgewer of klient uitreik.

(q) Hy mag nie 'n private konsultpraktyk onder die naam van 'n maatskappy met beperkte aanspreeklikheid of onder beskerming van beperkte aanspreeklikheid beoefen nie en hy mag ook nie praktiseer in deelgenootskap met 'n maatskappy met beperkte aanspreeklikheid wat voorgee dat hy werk doen wat kragtens artikel 7 (3) (c) van die Wet voorgeskryf is nie: Met dien verstande dat hy met die voorafverkreë goedkeuring van die raad in deelgenootskap met 'n maatskappy met beperkte aanspreeklikheid soos voormeld mag tree onderworpe aan sodanige bedinge en voorwaardes as wat die Raad voorskryf.

HOOFSTUK F

GEDRAG WAT ONBEHOORLIKE GEDRAG UITMAAK

Professionele Ingenieurs

F1.1 Benewens die gedrag vermeld in artikel 22 (1) is iemand wat as 'n professionele ingenieur geregistreer is, skuldig aan onbehoorlike gedrag as hy versuim om enige bepaling van die professionele gedragskode vervat in Hoofstuk E van hierdie regulasies na te kom.

Ingenieurs-in-opleiding

F1.2 Artikels 23 en 24 van die Wet is van toepassing op 'n ingenieur-in-opleiding wat enige bepaling van Hoofstuk E van hierdie regulasies oortree of nie nakom nie.

HOOFSTUK G

STRAWWE WAT TEN OPSIGTE VAN ONBEHOORLIKE GEDRAG OPGELE KAN WORD

G1.1 Iemand wat as 'n professionele ingenieur of 'n ingenieur-in-opleiding geregistreer is en na 'n ondersoek deur die Raad soos bepaal in artikels 23 en 24 van die Wet skuldig bevind is aan onbehoorlike gedrag of gedrag wat na die mening van die Raad onbehoorlike gedrag is, of iemand van wie in artikel 22 (2) en (3) van die Wet melding gemaak word en wat deur 'n geregshof skuldig bevind is aan 'n misdryf wat na die mening van die Raad onbehoorlike gedrag is of deur die Raad as sodanig geag word, is behoudens die bepalings van artikel 23 (1) van die Wet strafbaar met een of meer van die volgende strawwe, naamlik:—

(a) 'n Berisping of 'n waarskuwing of 'n berisping en 'n waarskuwing; of

(b) skorsing vir 'n vasgestelde tydperk van hoogstens drie jaar waartydens dit vir hom verbode is om te praktiseer as of die handelinge of werk te verrig van 'n professionele ingenieur; of

(c) tydelike of permanente diskwalifisering vir registrasie; of

(d) 'n boete van hoogstens vyfhonderd rand.

(n) He shall not review the work of another professional engineer for the same client, except with the knowledge of such professional engineer, unless the engagement of such professional engineer on the work which is being reviewed has been terminated.

(o) He shall not, in his capacity as a professional engineer in private consulting practice, enter into partnership or other association with any person other than a professional engineer except with the prior approval of the Council.

(p) He shall not, except with the authority and on behalf of his employer or client, place contracts or orders, nor shall he be the medium of payments on his employer's or client's behalf, but he shall only issue certificates to his employer or client for payment.

(q) He shall not engage in private consulting practice under the style of a limited liability company or under the protection of limited liability nor shall he practice in association with a limited liability company purporting to do work which has been prescribed in terms of section 7 (3) (c) of the Act: Provided that he may, on the prior approval of the Council having been obtained, associate with a limited liability company as aforesaid on such terms and conditions as the Council may impose.

CHAPTER F

CONDUCT CONSTITUTING IMPROPER CONDUCT

Professional Engineers

F1.1 Apart from the conduct referred to in section 22 (1) of the Act, any person registered as a professional engineer shall be guilty of improper conduct if he fails to comply with any provision of the code of professional conduct as set out in Chapter E of these regulations.

Engineers in Training

F1.2 Sections 23 and 24 of the Act shall apply to an engineer in training who contravenes or fails to comply with any of the provisions of Chapter E of these regulations.

CHAPTER G

PUNISHMENTS WHICH MAY BE IMPOSED IN RESPECT OF IMPROPER CONDUCT

G1.1 Any person registered as a professional engineer or as an engineer in training who, after an enquiry by the Council as laid down in sections 23 and 24 of the Act, has been found guilty of improper conduct or conduct which in the opinion of the Council constitutes improper conduct, or any person referred to in section 22 (2) or (3) of the Act who has been convicted by a court of law of any offence which in the opinion of the Council constitutes or is held to constitute improper conduct is, subject to the provisions of section 23 (1) of the Act, liable to one or more of the following punishments:—

(a) Reprimand or caution or reprimand and caution; or

(b) suspension, for a specified period not exceeding three years, from practising as or performing the functions or work of a professional engineer; or

(c) temporary or permanent disqualification for registration; or

(d) a fine not exceeding five hundred rand.

G1.2 Die raad kan, as hy daarvan oortuig is dat daar voldoende regverdiging vir so 'n stap bestaan, ten opsigte van een of meer strawwe wat kragtens subregulasie 1 opgelê is, besluit om enige skorsing te beëindig voor versyking van die bepaalde tydperk of om 'n besluit aangaande iemand se tydelike of permanente diskwalifisering vir registrasie te wysig of om te gelas dat 'n persoon wie se naam uit die register geskrap is, opnuut as 'n professionele ingenieur of 'n ingenieur-in-opleiding geregistreer word.

HOOFSTUK H

ERKENNING VAN OPVOEDKUNDIGE INRIGTINGS AS EKSAMINERENDE LIGGAAM

Besonderhede wat Inrigtings, Institute en Ander Liggame Moet Verstrek

H1.1 Die Raad kan 'n opvoedkundige inrigting wat grade of diplomas toeken of 'n professionele ingenieursinstituut of eksaminerende liggaam wat sertifikate toeken, versoek om volle besonderhede van die studiekursusse of die opleiding of die eksamens wat vir die verwerwing van sodanige kwalifikasie vereis word, aan die Raad te verstrek.

H1.2 Die Raad kan na goeë dunks by enige bedoelde opvoedkundige inrigting, professionele ingenieursinstituut of eksaminerende liggaam vermeld in subregulasie 1 'n inspeksie ter plaatse uitvoer ten einde hom te vergewis dat die studiekursusse daar aangebied of die opleiding daar verskaf of die eksamens daar afgeneem, voldoen aan die standaarde wat van tyd tot tyd deur die Raad neergelê is: Met dien verstande dat 'n inspeksie ter plaatse alleen mag geskied na vier weke skriftelike kennisgewing aan die beherende owerheid van sodanige liggaam.

H1.3 As so 'n opvoedkundige inrigting, professionele ingenieursinstituut of eksaminerende liggaam versuim of weier om besonderhede te verstrek waarom die Raad kragtens subregulasie 1 vra, of indien die beherende owerheid van 'n opvoedkundige inrigting of professionele ingenieursinstituut of eksaminerende liggaam weier om 'n in subregulasie 2 bedoelde inspeksie ter plaatse toe te laat, of as die Raad na ondersoek besluit dat 'n graad, diploma of sertifikaat toegeken deur 'n opvoedkundige inrigting, professionele ingenieursinstituut of eksaminerende liggaam nie langer erken moet word nie, kan die Minister, op aanbeveling van die Raad, in die *Staatskoerant* verklaar dat die besit van 'n spesifieke graad of diploma of sertifikaat wat deur bedoelde opvoedkundige inrigting, instituut of liggaam toegeken is of gaan word, na 'n datum wat in die kennisgewing bepaal word, die houër daarvan nie die reg verleen om as 'n professionele ingenieur geregistreer te word nie: Met dien verstande dat 'n opvoedkundige inrigting, instituut, liggaam of persoon wat aldus geraak word, hom op die Minister kan beroep.

H1.4 Die Minister kan op aanbeveling van die Raad 'n kennisgewing herroep of wysig, waarvan in subregulasie 3 melding gemaak word.

HOOFSTUK J

VOORGESKREWE EN ERKENDE EKSAMENS

Afneem van Eksamens

J1.1 Die Raad kan, in samewerking met die Departement van Hoër Onderwys, self 'n eksamen vir die doeleindes van die Wet afneem of kan enige opvoedkundige inrigting versoek om 'n eksamen namens hom af te neem.

G1.2 The Council may, if it is satisfied that there is sufficient justification for such a step, decide in respect of one or more of the punishments imposed under subregulation 1, either to terminate any suspension before the expiry of the specified period or to amend any decision concerning the temporary or permanent disqualification of any person for registration or to direct that any person whose name has been removed from the register be re-registered as a professional engineer or as an engineer in training.

CHAPTER H

RECOGNITION OF EDUCATIONAL INSTITUTIONS AS EXAMINING BODIES

Particulars to Be Furnished by Institutions, Institutes and Other Bodies

H1.1 The Council may call upon any educational institution, awarding degrees or diplomas or upon any professional engineers' institute or examining body awarding certificates, to furnish the Council with full particulars regarding the courses of study or the training or examinations required for such qualifications.

H1.2 The Council may, in its discretion, carry out an inspection *in loco* at any educational institution, professional engineers' institute or examining body in order to satisfy itself that the curricula offered or the training provided or the examinations conducted by it complies with the standards laid down by the Council from time to time: Provided that an inspection *in loco* may only be carried out after two weeks written notice to the controlling authority of such body.

H1.3 If any such educational institution, professional engineers' institute or examining body fails or refuses to furnish particulars required by the Council under subregulation 1, or if the controlling authority of any educational institution, professional engineers' institute or examining body should refuse to allow an inspection *in loco* as referred to in subregulation 2, or if the Council after enquiry decides that any degree, diploma or certificate awarded by any educational institution, professional engineers' institute or examining body should no longer be recognised, the Minister may, on the recommendation of the Council, by notice in the *Gazette*, declare that the possession of any specific degree or diploma or certificate awarded or to be awarded by such educational institution, institute or body after a date fixed in the notice, shall not entitle any holder thereof to qualify for registration as a professional engineer: Provided that any educational institute, institution or body or any person thus affected shall be entitled to appeal to the Minister.

H1.4 The Minister may, on the recommendation of the Council, rescind or amend any notice referred to in subregulation 3.

CHAPTER J

PRESCRIBED AND RECOGNISED EXAMINATIONS

Conducting of Examinations

J1.1 The Council may, for the purposes of the Act, request any educational institution to conduct any examination on its behalf or may, in collaboration with the Department of Higher Education, itself conduct an examination.

Erkennung van Eksamens

J1.2 Die Raad kan behoudens die bepalings van artikels 18 en 19 van die Wet by die Minister aanbeveel dat 'n eksamen afgeneem deur 'n opvoedkundige inrigting of 'n professionele ingenieursinstituut of 'n eksaminerende liggaam, vir doeleindes van die Wet as voorgeskryf of erken beskou word.

Bekendmaking van Erkende Eksamens

J1.3 Die eksamens bedoel in subregulasie 2 word in die Eerste Bylae van hierdie regulasies bekendgemaak en van tyd tot tyd in die *Staatskoerant* afge kondig.

HOOFTUK K**ALGEMEEN****Personeel, Kantoorruimte en -Toerusting van Adviserende Komitees**

K1.1 Die Raad stel op eie koste aan adviserende komitees die klerklike en ander hulp, kantoorruimte en -toerusting en ander geriewe beskikbaar wat die adviserende komitees vir die behoorlike verrigting van hul werksaamhede nodig het.

Aansoek om Registrasie

K2.1 Aansoek om registrasie as 'n ingenieur of as 'n ingenieur-in-opleiding ingevolge artikel 18 van die Wet moet gedoen word in die vorm wat die Raad voorskryf.

Recognition of Examinations

J1.2 The Council may, subject to the provisions of sections 18 and 19 of the Act, recommend to the Minister that any examination conducted by an educational institution or a professional engineers' institute or an examining body be regarded as prescribed or recognised for the purposes of the Act.

Publication of Recognised Examinations

J1.3 The examinations referred to in subregulation 2 shall be made known in the First Schedule to these regulations and shall be published from time to time in the *Gazette*.

CHAPTER K**GENERAL****Personnel, Office Accommodation and Equipment of Advisory Committees**

K1.1 The Council shall, at its own expense, make available to advisory committees such clerical and other assistance, office accommodation and equipment and other facilities as the advisory committees may require for the proper performance of their functions.

Application for Registration

K2.1 Application for registration as an engineer or as an engineer in training in terms of section 18 of the Act, shall be made in the form prescribed by the Council.

EERSTE BYLAE**EKSAMENS DEUR DIE RAAD ERKEN****(A) Eksamens in die Republiek van Suid-Afrika afgeneem:****(i) Grade in Ingenieurswese van 'n universiteit:****Universiteit****Afkorting vir registrasie****South African College:**

Tot en met 1917:

Diploma in die vertakings van—

Siviele Ingenieurswese (1906–1917).

Elektrotegniese Ingenieurswese (1909–1916).

Universiteit van Kaapstad:

Vanaf 1918:

Baccalaureus in die Wetenskap in Ingenieurswese—

In die vertakings van—

Siviele Ingenieurswese.....

Elektrotegniese Ingenieurswese.....

Meganiese Ingenieurswese.....

B.Sc. (Civil) (Cape).

B.Sc. (Electrical) (Cape).

B.Sc. (Mechanical) (Cape).

1921–1927 en sedert 1957:

Baccalaureus in die Wetenskap in Chemiese Ingenieurswese.....

B.Sc. (Chem. Eng.) (Cape).

1926–1957 (Junie):

Baccalaureus in die Wetenskap in Toegepaste en Bedryfschemie.....

B.Sc. (App. and Ind. Chem.) (Cape).

Universiteit van Natal:

Baccalaureus in die Wetenskap in Ingenieurswese in—

Chemiese Ingenieurswese.....

Siviele Ingenieurswese.....

Elektrotegniese Ingenieurswese.....

Meganiese Ingenieurswese.....

B.Sc.Eng. (Chemical Engineering) (Natal).

B.Sc.Eng. (Civil) (Natal).

B.Sc.Eng. (Electrical) (Natal).

B.Sc.Eng. (Mechanical) (Natal).

Baccalaureus in die Wetenskap in Landbou-ingenieurswese.....

B.Sc.Eng. (Agric.) (Natal).

Universiteit van Pretoria:

Vanaf 1959:

Baccalaureus in Ingenieurswese in—

Bedryfsingenieurswese.....

Chemiese Ingenieurswese.....

Elektrotegniese Ingenieurswese.....

Landbou-ingenieurswese.....

Meganiese Ingenieurswese.....

Metallurgiese Ingenieurswese.....

Mynbou-ingenieurswese.....

Siviele Ingenieurswese.....

B.Sc.(Ing.) (Bedryfs.) (Pret.).

B.Sc.(Ing.) (Chem. Ing.) (Pret.).

B.Sc.(Ing.) (Elektrotegnies) (Pret.).

B.Sc.(Ing.) (Landbou) (Pret.).

B.Sc.(Ing.) (Meganies) (Pret.).

B.Sc.(Ing.) (Metallurgies) (Pret.).

B.Sc.(Ing.) (Mynbou) (Pret.).

B.Sc.(Ing.) (Siviel) (Pret.).

Voor 1958:

Baccalaureus in Landbou-ingenieurswese.....

B.Sc.(Agric. Ing.) (Pret.).

Universiteit

Afkorting vir registrasie

Universiteit van Stellenbosch:

Voor 1957:

Baccalaureus in Ingenieurswese in—

Elektrotegniese Ingenieurswese.....	B.Sc. Ing. (Elektrotegnies) (Stell.).
Siviele Ingenieurswese.....	B.Sc. Ing. (Siviel) (Stell.).
Werktuigkundige Ingenieurswese.....	B.Sc. Ing. (Werktuigkundig) (Stell.).

Vanaf 1957:

Baccalaureus in die Wetenskap en in Ingenieurswese in—

Elektrotegniese Ingenieurswese.....	B.Sc. B. Ing. (Elektrotegnies) (Stell.).
Landbou-ingenieurswese.....	B.Sc. B. Ing. (Landbou) (Stell.).
Siviele Ingenieurswese.....	B.Sc. B. Ing. (Siviel) (Stell.).
Werktuigkundige Ingenieurswese: Algemene rigting.....	B.Sc. B. Ing. (Werktuigkundig) (Stell.).
Werktuigkundige Ingenieurswese: Bedryfsrigting.....	B.Sc. B. Ing. (Werktuigkundig: Bedryfs.) (Stell.).
Werktuigkundige Ingenieurswese: Lugvaartkunde.....	B.Sc. B. Ing. (Werktuigkundig: Lugvaart) (Stell.).

Universiteit van die Witwatersrand:

Voor 1922:

Diploma van die South African School of Mining and Technology.

1922:

Baccalaureus in die Wetenskap in Ingenieurswese.....	B.Sc. (Eng.) (Rand).
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Vanaf 1923:

Baccalaureus in die Wetenskap in Ingenieurswese—

In die vertakkings van—

Chemiese Tegnologie.....	B.Sc. (Eng.) (Chem. Tech.) (Rand).
Meganiese en Elektrotegniese Ingenieurswese.....	B.Sc. (Eng.) (Mech. and Elect.) (Rand).
Mynbou en Metallurgie.....	B.Sc. (Eng.) (Mining and Metall.) (Rand).

Baccalaureus in die Wetenskap in Ingenieurswese—

In die vertakkings van—

Chemiese Ingenieurswese (vanaf 1928).....	B.Sc. (Eng.) (Chem. Eng.) (Rand).
Siviele Ingenieurswese (vanaf 1923).....	B.Sc. (Eng.) (Civil) (Rand).
Elektrotegniese Ingenieurswese (vanaf 1938).....	B.Sc. (Eng.) (Electrical) (Rand).
Meganiese Ingenieurswese (vanaf 1938).....	B.Sc. (Eng.) (Mechanical) (Rand).
Metallurgie (vanaf 1944).....	B.Sc. (Eng.) (Metallurgy) (Rand).
Mynbou-ingenieurswese (vanaf 1944).....	B.Sc. (Eng.) (Mining) (Rand).

(B) Eksamens buite die Republiek van Suid-Afrika afgeneem:

(i) Grade in Ingenieurswese van 'n universiteit:

Opmerking.— Die lys hieronder sluit slegs dié grade in wat die Raad ondersoek het. *Applikante met ander kwalifikasies moet met hul aansoeke besonderhede verstrek van curricula wat deur hulle gevolg is.*

GROOT-BRITTANJE

University of Aberdeen:

Baccalaureus honores in die Wetenskap in—

Elektrotegniese Ingenieurswese.....	B.Sc. (Eng.) hon (Electrical) (Aberdeen).
Meganiese Ingenieurswese.....	B.Sc. (Eng.) hon (Mechanical) (Aberdeen).
Siviele Ingenieurswese.....	B.Sc. (Eng.) hon (Civil) (Aberdeen).

Queen's University, Belfast:

Baccalaureus honores in Toegepaste Wetenskap in—

Lugvaartkundige Ingenieurswese.....	B.Sc. hon (Aeronautical) (Belfast).
Siviele Ingenieurswese.....	B.Sc. hon (Civil) (Belfast).
Elektrotegniese Ingenieurswese.....	B.Sc. hon (Electrical) (Belfast).
Meganiese Ingenieurswese.....	B.Sc. hon (Mechanical) (Belfast).

University of Birmingham:

Baccalaureus honores in Toegepaste Wetenskap in—

Chemiese Ingenieurswese.....	B.Sc. hon (Chemical Engineering) (Birmingham).
Siviele Ingenieurswese.....	B.Sc. hon (Civil) (Birmingham).
Elektrotegniese en Elektroniese Ingenieurswese.....	B.Sc. hon (Electrical and Electronic) (Birmingham).
Elektroniese Ingenieurswese.....	B.Sc. hon (Electronic) (Birmingham).
Produksie-ingenieurswese.....	B.Sc. hon (Production) (Birmingham).
Metallurgiese (Fisiese of Bedryfs.) Ingenieurswese.....	B.Sc. hon (Metallurgical) (Birmingham).

University of Bristol:

Baccalaureus honores in Ingenieurswese in—

Lugvaartkunde.....	B.Sc. hon (Aeronautical) (Bristol).
Siviele Ingenieurswese.....	B.Sc. hon (Civil) (Bristol).
Elektrotegniese Ingenieurswese.....	B.Sc. hon (Electrical) (Bristol).
Meganiese Ingenieurswese.....	B.Sc. hon (Mechanical) (Bristol).

University of Cambridge:

Baccalaureus Artium honores in Ingenieurswese.....	B.A. hon (Engineering) (Cantab.).
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University of Dundee:

Baccalaureus honores in Toegepaste Wetenskap in—

Algemene Ingenieurswese.....	B.Sc. hon (Engineering) (Dundee).
Siviele Ingenieurswese.....	B.Sc. hon (Civil) (Dundee).
Elektrotegniese Ingenieurswese.....	B.Sc. hon (Electrical) (Dundee).
Elektroniese Ingenieurswese.....	B.Sc. hon (Electronic) (Dundee).
Meganiese Ingenieurswese.....	B.Sc. hon (Mechanical) (Dundee).

University of Durham:

Baccalaureus honores in die Wetenskap in Ingenieurswetenskap.....	B.Sc. hon (Engineering Science) (Durham).
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Universiteit

Afkorting vir registrasie

University of Edinburgh:

Baccalaureus honores in die Wetenskap in—

Chemiese Ingenieurswese.....
 Siviele Ingenieurswese.....
 Elektrotegniese Ingenieurswese.....
 Meganiese Ingenieurswese.....

B.Sc. hons (Chemical Engineering) (Edinburgh).
 B.Sc. hons (Civil) (Edinburgh).
 B.Sc. hons (Electrical) (Edinburgh).
 B.Sc. hons (Mechanical) (Edinburgh).

University of Glasgow:

Baccalaureus honores in die Wetenskap in Ingenieurswese in—

Lugvaartkundige Ingenieurswese.....
 Siviele Ingenieurswese.....
 Elektrotegniese Ingenieurswese.....
 Meganiese Ingenieurswese.....
 Vlootargitektuuringenieurswese.....

B.Sc.Eng. (hons) (Aeronautical) (Glasgow).
 B.Sc.Eng. (hons) (Civil) (Glasgow).
 B.Sc.Eng. (hons) (Electrical) (Glasgow).
 B.Sc.Eng. (hons) (Mechanical) (Glasgow).
 B.Sc.Eng. (hons) (Naval Archt.) (Glasgow).

Heriot-Watt University:

Baccalaureus honores in die Wetenskap in—

Chemiese Ingenieurswese.....
 Siviele Ingenieurswese.....
 Elektrotegniese en Elektroniese Ingenieurswese.....
 Meganiese Ingenieurswese.....
 Mynbou-ingenieurswese.....

B.Sc. hons (Chemical Engineering) (Heriot-Watt).
 B.Sc. hons (Civil) (Heriot-Watt).
 B.Sc. hons (Electrical and Electronic) (Heriot-Watt).
 B.Sc. hons (Mechanical) (Heriot-Watt).
 B.Sc. hons (Mining Engineering) (Heriot-Watt).

University of Leeds:

Baccalaureus honores in die Wetenskap in—

Chemiese Ingenieurswese.....
 Siviele Ingenieurswese.....
 Elektrotegniese en Elektroniese Ingenieurswese.....
 Kontrole-ingenieurswese.....
 Meganiese Ingenieurswese.....
 Metallurgie.....
 Mynbou.....

B.Sc. hons (Chemical Engineering) (Leeds).
 B.Sc. hons (Civil) (Leeds).
 B.Sc. hons (Electrical and Electronic) (Leeds).
 B.Sc. hons (Control Engineering) (Leeds).
 B.Sc. hons (Mechanical) (Leeds).
 B.Sc. hons (Metallurgy) (Leeds).
 B.Sc. hons (Mining) (Leeds).

University of Liverpool:

Baccalaureus honores in Ingenieurswese in—

Siviele Ingenieurswese.....
 Elektrotegniese en Elektroniese Ingenieurswese.....
 Meganiese Ingenieurswese.....
 Metallurgie.....

B.Eng. hons (Civil) (Liverpool).
 B.Eng. hons (Electrical and Electronic) (Liverpool).
 B.Eng. hons (Mechanical) (Liverpool).
 B.Eng. hons (Metallurgy) (Liverpool).

University of London:

Baccalaureus in Ingenieurswese van— Imperial College, King's College, Queen Mary College, University College in—

Chemiese Ingenieurswese.....
 Siviele Ingenieurswese.....
 Elektrotegniese Ingenieurswese.....
 Meganiese Ingenieurswese.....
 Lugvaartkundige Ingenieurswese.....
 Metallurgie.....
 Mynbou.....

B.Sc.(Eng.) (Chemical Engineering) (London).
 B.Sc.(Eng.) (Civil) (London).
 B.Sc.(Eng.) (Electrical) (London).
 B.Sc.(Eng.) (Mechanical) (London).
 B.Sc.(Eng.) (Aeronautical) (London).
 B.Sc.(Eng.) (Metallurgy) (London).
 B.Sc.(Eng.) (Mining) (London).

Victoria University, Manchester:

Baccalaureus honores in die Wetenskap in—

Ingenieurswese (Lugvaartkunde).....
 Ingenieurswese (Siviel).....
 Ingenieurswese (Elektrotegniese en Elektroniese).....
 Ingenieurswese (Meganiese).....
 Ingenieurswese (Metallurgies).....

B.Sc. hons (Aeronautical) (Manchester).
 B.Sc. hons (Civil) (Manchester).
 B.Sc. hons (Electrical and Electronic) (Manchester).
 B.Sc. hons (Mechanical) (Manchester).
 B.Sc. hons (Metallurgical) (Manchester).

University of Newcastle-Upon-Tyne:

Baccalaureus honores in Toegepaste Wetenskap in—

Chemiese Ingenieurswese.....
 Siviele Ingenieurswese.....
 Elektrotegniese Ingenieurswese.....
 Marine-ingenieurswese.....
 Meganiese Ingenieurswese.....
 Metallurgiese Ingenieurswese.....
 Mynbou-ingenieurswese.....

B.Sc. hons (Chemical Engineering) (Newcastle-Upon-Tyne).
 B.Sc. hons (Civil) (Newcastle-Upon-Tyne).
 B.Sc. hons (Electrical) (Newcastle-Upon-Tyne).
 B.Sc. hons (Marine) (Newcastle-Upon-Tyne).
 B.Sc. hons (Mechanical) (Newcastle-Upon-Tyne).
 B.Sc. hons (Metallurgical) (Newcastle-Upon-Tyne).
 B.Sc. hons (Mining) (Newcastle-Upon-Tyne).

University of Nottingham:

Baccalaureus honores in die Wetenskap in—

Chemiese Ingenieurswese.....
 Siviele Ingenieurswese.....
 Elektrotegniese en Elektroniese Ingenieurswese.....
 Meganiese Ingenieurswese.....
 Mynbou-ingenieurswese.....
 Produksie-ingenieurswese.....
 Metallurgiese Ingenieurswese.....

B.Sc. hons (Chemical Engineering) (Nottingham).
 B.Sc. hons (Civil) (Nottingham).
 B.Sc. hons (Electrical and Electronic) (Nottingham).
 B.Sc. hons (Mechanical) (Nottingham).
 B.Sc. hons (Mining) (Nottingham).
 B.Sc. hons (Production) (Nottingham).
 B.Sc. hons (Metallurgical) (Nottingham).

University of Oxford:

Baccalaureus Artium honores in—

Ingenieurswetenskap.....

B.A. hons (Engineering Science) (Oxon.).

University of Sheffield:

Baccalaureus honores in Ingenieurswese in—

Siviele en Strukturele Ingenieurswese.....
 Elektrotegniese en Elektroniese Ingenieurswese.....
 Meganiese Ingenieurswese.....

B.Eng. hons (Civil and Structural) (Sheffield).
 B.Eng. hons (Electrical and Electronic) (Sheffield).
 B.Eng. hons (Mechanical) (Sheffield).

Universiteit

Afkorting vir registrasie

University of Southampton:

Baccalaureus honores in die Wetenskap in—

Lugvaart- en Ruimtevaartkunde.....

Siviele Ingenieurswese.....

Elektrotegniese Ingenieurswese.....

Elektroniese Ingenieurswese.....

Ingenieurswetenskap.....

Meganiese Ingenieurswese.....

B.Sc. hons (Aeronautics and Astronautics) (Southampton).

B.Sc. hons (Civil) (Southampton).

B.Sc. hons (Electrical) (Southampton).

B.Sc. hons (Electronic) (Southampton).

B.Sc. hons (Engineering Science) (Southampton).

B.Sc. hons (Mechanical) (Southampton).

University of Strathclyde:

Baccalaureus honores in die Wetenskap in—

Ingenieurswese (Chemies).....

Ingenieurswese (Siviel).....

Ingenieurswese (Elektrotegnies).....

Ingenieurswese (Meganies).....

Ingenieurswese (Mynbou).....

B.Sc. hons (Chemical Engineering) (Strathclyde).

B.Sc. hons (Civil) (Strathclyde).

B.Sc. hons (Electrical) (Strathclyde).

B.Sc. hons (Mechanical) (Strathclyde).

B.Sc. hons (Mining) (Strathclyde).

University of Sussex:

Baccalaureus in die Wetenskap in—

Automatiese Kontrole.....

Elektrotegniese en Elektroniese Ingenieurswetenskap.....

Ingenieurswese met Operasionele Navorsing.....

Meganiese Ingenieurswetenskap.....

B.Sc. hons (Automatic Control) (Sussex).

B.Sc. hons (Electrical and Electronic) (Sussex).

B.Sc. hons (Sussex) (Engineering with Operational Research).

B.Sc. hons (Mechanical) (Sussex).

University of Wales:

University College of South Wales te Cardiff en Swansea:

Baccalaureus honores in Toegepaste Wetenskap in—

Chemiese Ingenieurswese.....

Ingenieurswese (Siviel).....

Ingenieurswese (Elektrotegnies).....

Ingenieurswese (Bedryfs, of Stelsels).....

Ingenieurswese (Meganies).....

Ingenieurswese (Metallurgies).....

B.Sc. hons (Chemical Engineering) (Swansea).

B.Sc. hons (Civil) (Cardiff and Swansea).

B.Sc. hons (Electrical) (Cardiff and Swansea).

B.Sc. hons (Industrial or Systems) (Swansea).

B.Sc. hons (Mechanical) (Cardiff and Swansea).

B.Sc. hons (Metallurgical) (Swansea).

NEDERLAND

Technische Hogeschool Delft:

Diploma in Ingenieurswese in—

Elektrotegniek.....

Metaalkunde.....

Mynboukunde.....

Siviele Ingenieurswese.....

Werktuigboukunde.....

Ir(e.) (Elektrotechnisch) (Delft).

Ir(mt.) (Metaalkunde) (Delft).

Ir(m.) (Mijnbouwkunde) (Delft).

Ir(c.i.) (Siviele Ingenieurswese) (Delft).

Ir(w.) (Werktuigbouwkunde) (Delft).

WES-DUITSLAND

Diploma in Ingenieurswese in Bou-ingenieurswese; Elektrotegniek; Masjienbolukunde van die volgende Universiteite:—

Rheinische-Westfälische Technische Hochschule Aachen.....

Dipl.Ing. (Bauingenieurwesen) (Rheinische-Westfälische).

Dipl.Ing. (Elektrotechnik) (Rheinische-Westfälische).

Dipl.Ing. (Maschinenbau) (Rheinische-Westfälische).

Dipl.Ing. (Bauingenieurwesen) (Aachen).

Dipl.Ing. (Elektrotechnik) (Aachen).

Dipl.Ing. (Maschinenbau) (Aachen).

Technische Universität Berlin-Charlottenburg.....

Dipl.Ing. (Bauingenieurwesen) (Charlottenburg).

Dipl.Ing. (Elektrotechnik) (Charlottenburg).

Dipl.Ing. (Maschinenbau) (Charlottenburg).

Technische Hochschule Carlo-Wilhelmina Braunschweig.....

Dipl.Ing. (Bauingenieurwesen) (Braunschweig).

Dipl.Ing. (Elektrotechnik) (Braunschweig).

Dipl.Ing. (Maschinenbau) (Braunschweig).

Technische Hochschule Darmstadt.....

Dipl.Ing. (Bauingenieurwesen) (Darmstadt).

Dipl.Ing. (Elektrotechnik) (Darmstadt).

Dipl.Ing. (Maschinenbau) (Darmstadt).

Technische Hochschule Hannover.....

Dipl.Ing. (Bauingenieurwesen) (Hannover).

Dipl.Ing. (Elektrotechnik) (Hannover).

Dipl.Ing. (Maschinenbau) (Hannover).

Technische Hochschule Friedenciana Karlsruhe.....

Dipl.Ing. (Bauingenieurwesen) (Karlsruhe).

Dipl.Ing. (Elektrotechnik) (Karlsruhe).

Dipl.Ing. (Maschinenbau) (Karlsruhe).

Technische Hochschule München.....

Dipl.Ing. (Bauingenieurwesen) (München).

Dipl.Ing. (Elektrotechnik) (München).

Dipl.Ing. (Maschinenbau) (München).

Technische Hochschule Stuttgart.....

Dipl.Ing. (Bauingenieurwesen) (Stuttgart).

Dipl.Ing. (Elektrotechnik) (Stuttgart).

Dipl.Ing. (Maschinenbau) (Stuttgart).

FIRST SCHEDULE

EXAMINATIONS RECOGNISED BY THE COUNCIL

(A) Examinations conducted in the Republic of South Africa:

(i) Degrees in Engineering of a University:

University

Abbreviation for registration

South African College:

Up to and including 1917:

Diploma in the branches of—

Civil Engineering (1906–1917).

Electrical Engineering (1909–1916).

University of Cape Town:

From 1918:

Bachelor of Science in Engineering:

In the branches of—

Civil Engineering..... B.Sc. (Civil) (Cape).

Electrical Engineering..... B.Sc. (Electrical) (Cape).

Mechanical Engineering..... B.Sc. (Mechanical) (Cape).

1921–1927 and since 1957:

Bachelor of Science in Chemical Engineering..... B.Sc. (Chem. Eng.) (Cape).

1926–1957 (June):

Bachelor of Science in Applied and Industrial Chemistry..... B.Sc. (App. and Ind. Chem.) (Cape).

University of Natal:

Bachelor of Science in Engineering in—

Chemical Engineering..... B.Sc.Eng. (Chemical Engineering) (Natal).

Civil Engineering..... B.Sc.Eng. (Civil) (Natal).

Electrical Engineering..... B.Sc.Eng. (Electrical) (Natal).

Mechanical Engineering..... B.Sc.Eng. (Mechanical) (Natal).

Bachelor of Science in Agricultural Engineering..... B.Sc.Eng. (Agric.) (Natal).

University of Pretoria:

Since 1959:

Bachelor of Engineering in—

Industrial Engineering..... B.Sc.(Ing.) (Bedryfs.) (Pret.).

Chemical Engineering..... B.Sc.(Ing.) (Chem. Ing.) (Pret.).

Electrical Engineering..... B.Sc.(Ing.) (Elektrotegnies) (Pret.).

Agricultural Engineering..... B.Sc.(Ing.) (Landbou) (Pret.).

Mechanical Engineering..... B.Sc.(Ing.) (Meganies) (Pret.).

Metallurgical Engineering..... B.Sc.(Ing.) (Metallurgies) (Pret.).

Mining Engineering..... B.Sc.(Ing.) (Mynbou) (Pret.).

Civil Engineering..... B.Sc.(Ing.) (Siviël) (Pret.).

Before 1958:

Bachelor of Agricultural Engineering..... B.Sc.(Agric. Ing.) (Pret.).

University of Stellenbosch:

Before 1957:

Bachelor of Engineering in—

Electrical Engineering..... B.Sc. Ing. (Elektrotegnies) (Stell.).

Civil Engineering..... B.Sc. Ing. (Siviël) (Stell.).

Mechanical Engineering..... B.Sc. Ing. (Werktuigkundig) (Stell.).

From 1957:

Bachelor of Science and of Engineering in—

Electrical Engineering..... B.Sc.B. Ing. (Elektrotegnies) (Stell.).

Agricultural Engineering..... B.Sc.B. Ing. (Landbou) (Stell.).

Civil Engineering..... B.Sc.B. Ing. (Siviël) (Stell.).

Mechanical Engineering: General Course..... B.Sc.B. Ing. (Werktuigkundig) (Stell.).

Mechanical Engineering: Industrial Course..... B.Sc.B. Ing. (Werktuigkundig: Bedryfs.) (Stell.).

Mechanical Engineering: Aeronautics..... B.Sc.B. Ing. (Werktuigkundig: Lugvaart) (Stell.).

University of the Witwatersrand:

Before 1922:

Diploma of the South African School of Mining and Technology.

1922:

Bachelor of Science in Engineering..... B.Sc.(Eng.) (Rand).

From 1923:

Bachelor of Science in Engineering:

In the branches of—

Chemical Technology..... B.Sc.(Eng.) (Chem. Tech.) (Rand).

Mechanical and Electrical Engineering..... B.Sc.(Eng.) (Mech. and Elect.) (Rand).

Mining and Metallurgy..... B.Sc.(Eng.) (Mining and Metall.) (Rand).

Bachelor of Science in Engineering:

In the branches of—

Chemical Engineering (since 1928)..... B.Sc.(Eng.) (Chem. Eng.) (Rand).

Civil Engineering (since 1923)..... B.Sc.(Eng.) (Civil) (Rand).

Electrical Engineering (since 1938)..... B.Sc.(Eng.) (Electrical) (Rand).

Mechanical Engineering (since 1938)..... B.Sc.(Eng.) (Mechanical) (Rand).

Metallurgy (since 1944)..... B.Sc.(Eng.) (Metallurgy) (Rand).

Mining Engineering (since 1944)..... B.Sc.(Eng.) (Mining) (Rand).

University

Abbreviation for registration

(B) Examinations conducted outside the Republic of South Africa.

(i) Degrees in Engineering of a University:

Note.—The list hereunder includes only those degrees which have been investigated by the Council. Applicants with other qualifications must furnish with their application details of curricula followed by them.

GREAT BRITAIN

University of Aberdeen:

Baccalaureus honores in Science in—

Electrical Engineering.....	B.Sc.(Eng.)hons (Electrical) (Aberdeen).
Mechanical Engineering.....	B.Sc.(Eng.)hons (Mechanical) (Aberdeen).
Civil Engineering.....	B.Sc.(Eng.)hons (Civil) (Aberdeen).

Queens University, Belfast:

Baccalaureus honores in Applied Science in—

Aeronautical Engineering.....	B.Sc. hons (Aeronautical) (Belfast).
Civil Engineering.....	B.Sc. hons (Civil) (Belfast).
Electrical Engineering.....	B.Sc. hons (Electrical) (Belfast).
Mechanical Engineering.....	B.Sc. hons (Mechanical) (Belfast).

University of Birmingham:

Baccalaureus honores in Applied Science in—

Chemical Engineering.....	B.Sc. hons (Chemical Engineering) (Birmingham).
Civil Engineering.....	B.Sc. hons (Civil) (Birmingham).
Electrical and Electronic Engineering.....	B.Sc. hons (Electrical and Electronic) (Birmingham).
Electronic Engineering.....	B.Sc. hons (Electronic) (Birmingham).
Production Engineering.....	B.Sc. hons (Production) (Birmingham).
Metallurgical (Physical or Industrial) Engineering.....	B.Sc. hons (Metallurgical) (Birmingham).

University of Bristol:

Baccalaureus honores in Engineering in—

Aeronautics.....	B.Sc. hons (Aeronautical) (Bristol).
Civil Engineering.....	B.Sc. hons (Civil) (Bristol).
Electrical Engineering.....	B.Sc. hons (Electrical) (Bristol).
Mechanical Engineering.....	B.Sc. hons (Mechanical) (Bristol).

University of Cambridge:

Baccalaureus Artium honores in Engineering.....

B.A. hons (Engineering) (Cantab.).

University of Dundee:

Baccalaureus honores in Applied Science in—

General Engineering.....	B.Sc. hons (Engineering) (Dundee).
Civil Engineering.....	B.Sc. hons (Civil) (Dundee).
Electrical Engineering.....	B.Sc. hons (Electrical) (Dundee).
Electronic Engineering.....	B.Sc. hons (Electronic) (Dundee).
Mechanical Engineering.....	B.Sc. hons (Mechanical) (Dundee).

University of Durham:

Baccalaureus honores in Science in Engineering Science.....

B.Sc. hons (Engineering Science) (Durham).

University of Edinburgh:

Baccalaureus honores in Science in—

Chemical Engineering.....	B.Sc. hons (Chemical Engineering) (Edinburgh).
Civil Engineering.....	B.Sc. hons (Civil) (Edinburgh).
Electrical Engineering.....	B.Sc. hons (Electrical) (Edinburgh).
Mechanical Engineering.....	B.Sc. hons (Mechanical) (Edinburgh).

University of Glasgow:

Baccalaureus honores in Science in Engineering in—

Aeronautical Engineering.....	B.Sc.Eng. (hons) (Aeronautical) (Glasgow).
Civil Engineering.....	B.Sc.Eng. (hons) (Civil) (Glasgow).
Electrical Engineering.....	B.Sc.Eng. (hons) (Electrical) (Glasgow).
Mechanical Engineering.....	B.Sc.Eng. (hons) (Mechanical) (Glasgow).
Naval Architectural Engineering.....	B.Sc.Eng. (hons) (Naval Archit.) (Glasgow).

Heriot-Watt University:

Baccalaureus honores in Science in—

Chemical Engineering.....	B.Sc. hons (Chemical Engineering) (Heriot-Watt).
Civil Engineering.....	B.Sc. hons (Civil) (Heriot-Watt).
Electrical and Electronic Engineering.....	B.Sc. hons (Electrical and Electronic) (Heriot-Watt).
Mechanical Engineering.....	B.Sc. hons (Mechanical) (Heriot-Watt).
Mining Engineering.....	B.Sc. hons (Mining Engineering) (Heriot-Watt).

University of Leeds:

Baccalaureus honores in Science in—

Chemical Engineering.....	B.Sc. hons (Chemical Engineering) (Leeds).
Civil Engineering.....	B.Sc. hons (Civil) (Leeds).
Electrical and Electronic Engineering.....	B.Sc. hons (Electrical and Electronic) (Leeds).
Control Engineering.....	B.Sc. hons (Control Engineering) (Leeds).
Mechanical Engineering.....	B.Sc. hons (Mechanical) (Leeds).
Metallurgy.....	B.Sc. hons (Metallurgy) (Leeds).
Mining.....	B.Sc. hons (Mining) (Leeds).

University

Abbreviation for registration

University of Liverpool:

Baccalaureus honores in Engineering in—

Civil Engineering.....
 Electrical and Electronic Engineering.....
 Mechanical Engineering.....
 Metallurgy.....

B.Eng. honrs (Civil) (Liverpool).
 B.Eng. honrs (Electrical and Electronic) (Liverpool).
 B.Eng. honrs (Mechanical) (Liverpool).
 B.Eng. honrs (Metallurgy) (Liverpool).

University of London

Baccalaureus in Engineering of Imperial College; King's College; Queen Mary College; University College in—

Chemical Engineering.....
 Civil Engineering.....
 Electrical Engineering.....
 Mechanical Engineering.....
 Aeronautical Engineering.....
 Metallurgy.....
 Mining.....

B.Sc.(Eng.) (Chemical Engineering) (London).
 B.Sc.(Eng.) (Civil) (London).
 B.Sc.(Eng.) (Electrical) (London).
 B.Sc.(Eng.) (Mechanical) (London).
 B.Sc.(Eng.) (Aeronautical) (London).
 B.Sc.(Eng.) (Metallurgy) (London).
 B.Sc.(Eng.) (Mining) (London).

Victoria University, Manchester:

Baccalaureus honores in Science in—

Engineering (Aeronautics).....
 Engineering (Civil).....
 Engineering (Electrical and Electronic).....
 Engineering (Mechanical).....
 Engineering (Metallurgical).....

B.Sc. honrs (Aeronautical) (Manchester).
 B.Sc. honrs (Civil) (Manchester).
 B.Sc. honrs (Electrical and Electronic) (Manchester).
 B.Sc. honrs (Mechanical) (Manchester).
 B.Sc. honrs (Metallurgical) (Manchester).

University of Newcastle-Upon-Tyne:

Baccalaureus honores in Applied Science in—

Chemical Engineering.....
 Civil Engineering.....
 Electrical Engineering.....
 Marine Engineering.....
 Mechanical Engineering.....
 Metallurgical Engineering.....
 Mining Engineering.....

B.Sc. honrs (Chemical Engineering) (Newcastle-Upon-Tyne).
 B.Sc. honrs (Civil) (Newcastle-Upon-Tyne).
 B.Sc. honrs (Electrical) (Newcastle-Upon-Tyne).
 B.Sc. honrs (Marine) (Newcastle-Upon-Tyne).
 B.Sc. honrs (Mechanical) (Newcastle-Upon-Tyne).
 B.Sc. honrs (Metallurgical) (Newcastle-Upon-Tyne).
 B.Sc. honrs (Mining) (Newcastle-Upon-Tyne).

University of Nottingham:

Baccalaureus honores in Science in—

Chemical Engineering.....
 Civil Engineering.....
 Electrical and Electronic Engineering.....
 Mechanical Engineering.....
 Mining Engineering.....
 Production Engineering.....
 Metallurgical Engineering.....

B.Sc. honrs (Chemical Engineering) (Nottingham).
 B.Sc. honrs (Civil) (Nottingham).
 B.Sc. honrs (Electrical and Electronic) (Nottingham).
 B.Sc. honrs (Mechanical) (Nottingham).
 B.Sc. honrs (Mining) (Nottingham).
 B.Sc. honrs (Production) (Nottingham).
 B.Sc. honrs (Metallurgical) (Nottingham).

University of Oxford:

Baccalaureus Artium honores in Engineering Science.....

B.A. honrs (Engineering Science) (Oxon.).

University of Sheffield:

Baccalaureus honores in Engineering in—

Civil and Structural Engineering.....
 Electrical and Electronic Engineering.....
 Mechanical Engineering.....

B.Eng. honrs (Civil and Structural) (Sheffield).
 B.Eng. honrs (Electrical and Electronic) (Sheffield).
 B.Eng. honrs (Mechanical) (Sheffield).

University of Southampton:

Baccalaureus honores in Science in—

Aeronautics and Astronautics.....
 Civil Engineering.....
 Electrical Engineering.....
 Electronic Engineering.....
 Engineering Science.....
 Mechanical Engineering.....

B.Sc. honrs (Aeronautics and Astronautics) (Southampton).
 B.Sc. honrs (Civil) (Southampton).
 B.Sc. honrs (Electrical) (Southampton).
 B.Sc. honrs (Electronic) (Southampton).
 B.Sc. honrs (Engineering Science) (Southampton).
 B.Sc. honrs (Mechanical) (Southampton).

University of Strathclyde:

Baccalaureus honores in Science in—

Engineering (Chemical).....
 Engineering (Civil).....
 Engineering (Electrical).....
 Engineering (Mechanical).....
 Engineering (Mining).....

B.Sc. honrs (Chemical Engineering) (Strathclyde).
 B.Sc. honrs (Civil) (Strathclyde).
 B.Sc. honrs (Electrical) (Strathclyde).
 B.Sc. honrs (Mechanical) (Strathclyde).
 B.Sc. honrs (Mining) (Strathclyde).

University of Sussex:

Baccalaureus in Science in—

Automatic Control.....
 Electrical and Electronic Engineering Science.....
 Engineering with Operational Research.....
 Mechanical Engineering Science.....

B.Sc. honrs (Automatic Control) (Sussex).
 B.Sc. honrs (Electrical and Electronic) (Sussex).
 B.Sc. honrs (Engineering with Operational Research) (Sussex).
 B.Sc. honrs (Mechanical) (Sussex).

University	Abbreviation for registration
University of Wales:	
University College of South Wales at Cardiff and Swansea:	
Baccalaureus honores in Applied Science in—	
Chemical Engineering.....	B.Sc. hon (Chemical Engineering) (Swansea).
Engineering (Civil).....	B.Sc. hon (Civil) (Cardiff and Swansea).
Engineering (Electrical).....	B.Sc. hon (Electrical) (Cardiff and Swansea).
Engineering (Industrial or Systems).....	B.Sc. hon (Industrial or Systems) (Swansea).
Engineering (Mechanical).....	B.Sc. hon (Mechanical) (Cardiff and Swansea).
Engineering (Metallurgical).....	B.Sc. hon (Metallurgical) (Swansea).

NETHERLANDS

Technische Hogeschool Delft:

Diploma in Engineering in—

Electrotechnics.....	Ir(e.) (Elektrotechnisch) (Delft).
Metallurgy.....	Ir(mt.) (Metaalkunde) (Delft).
Mining.....	Ir(m.) (Mijnbouwkunde) (Delft).
Civil.....	Ir(c.i.) (Siviele Ingenieurswese) (Delft).
Mechanical.....	Ir(w.) (Werktuigbouwkunde) (Delft).

WEST GERMANY

Diploma in Engineering in Structural Engineering; Electrotechnics; Mechanical Engineering of the following Universities:

Rheinische-Westfälische Technische Hochschule Aachen.....	Dipl.Ing. (Bauingenieurwesen) (Rheinische-Westfälische).
	Dipl.Ing. (Elektrotechnik) (Rheinische-Westfälische).
	Dipl.Ing. (Maschinenbau) (Rheinische-Westfälische).
	Dipl.Ing. (Bauingenieurwesen) (Aachen).
	Dipl.Ing. (Elektrotechnik) (Aachen).
	Dipl.Ing. (Maschinenbau) (Aachen).
Technische Universität Berlin-Charlottenburg.....	Dipl.Ing. (Bauingenieurwesen) (Charlottenburg).
	Dipl.Ing. (Elektrotechnik) (Charlottenburg).
	Dipl.Ing. (Maschinenbau) (Charlottenburg).
Technische Hochschule Carlo-Wilhelmina Braunschweig.....	Dipl.Ing. (Bauingenieurwesen) (Braunschweig).
	Dipl.Ing. (Elektrotechnik) (Braunschweig).
	Dipl.Ing. (Maschinenbau) (Braunschweig).
Technische Hochschule Darmstadt.....	Dipl.Ing. (Bauingenieurwesen) (Darmstadt).
	Dipl.Ing. (Elektrotechnik) (Darmstadt).
	Dipl.Ing. (Maschinenbau) (Darmstadt).
Technische Hochschule Hannover.....	Dipl.Ing. (Bauingenieurwesen) (Hannover).
	Dipl.Ing. (Elektrotechnik) (Hannover).
	Dipl.Ing. (Maschinenbau) (Hannover).
Technische Hochschule Friedenciana Karlsruhe.....	Dipl.Ing. (Bauingenieurwesen) (Karlsruhe).
	Dipl.Ing. (Elektrotechnik) (Karlsruhe).
	Dipl.Ing. (Maschinenbau) (Karlsruhe).
Technische Hochschule München.....	Dipl.Ing. (Bauingenieurwesen) (München).
	Dipl.Ing. (Elektrotechnik) (München).
	Dipl.Ing. (Maschinenbau) (München).
Technische Hochschule Stuttgart.....	Dipl.Ing. (Bauingenieurwesen) (Stuttgart).
	Dipl.Ing. (Elektrotechnik) (Stuttgart).
	Dipl.Ing. (Maschinenbau) (Stuttgart).

No. R. 381

14 Maart 1969

VEREISTES WAARAAN 'N VERENIGING VAN INGENIEURS MOET VOLDEN OM KRAGTENS ARTIKEL 7 (3) (a) (i) VAN DIE WET OP PROFESSIONELE INGENIEURS, 1968 (WET 81 VAN 1968), VIR ERKENNING AS 'N PROFESSIONELE INGENIEURSIJNSTITUUT TE KWALIFISEER

Kennisgewing geskied hiermee dat die Minister van Openbare Werke, na oorweging en goedkeuring van 'n tersaaklike aanbeveling gedoen deur die Suid-Afrikaanse Raad vir Professionele Ingenieurs, kragtens artikel 7 (3) (a) (i) van die Wet op Professionele Ingenieurs, 1968 (Wet 81 van 1968), die vereistes vervat in Bylae A hiervan voorgeskryf het waaraan 'n vereniging van ingenieurs moet voldoen om kragtens genoemde Wet vir erkenning as 'n professionele ingenieursinstituut te kwalifiseer.

No. R. 381

14 March 1969

REQUIREMENTS WITH WHICH AN ASSOCIATION OF ENGINEERS SHALL COMPLY IN ORDER TO QUALIFY FOR RECOGNITION AS A PROFESSIONAL ENGINEERS' INSTITUTE IN TERMS OF SECTION 7 (3) (a) (i) OF THE PROFESSIONAL ENGINEERS' ACT, 1968 (ACT 81 OF 1968)

Notice is hereby given that the Minister of Public Works, after consideration and approval of a relevant recommendation by the South African Council for Professional Engineers, has, in terms of section 7 (3) (a) (i) of the Professional Engineers' Act, 1968 (Act 81 of 1968), prescribed the requirements set out in Schedule A hereto with which an association of engineers shall comply in order to qualify for recognition as a professional engineers' institute in terms of the said Act.

BYLAE A

Reël 1.—In hierdie reëls, tensy strydig met die samehang, het 'n woord of uitdrukking waaraan in die Wet op Professionele Ingenieurs, 1968 (Wet 81 van 1968), 'n betekenis geheg is, dieselfde betekenis en beteken—

“die Wet” die Wet op Professionele Ingenieurs, 1968 (Wet 81 van 1968);

“die regulasies” die regulasies wat kragtens artikel 26 van die Wet afgekondig is;

“vereniging” 'n vereniging van ingenieurs.

Reël 2.—Geen vereniging word kragtens artikel 7 (3) (a) (ii) van die Wet erken nie, tensy hy aan al die hierin voorgeskrewe vereistes voldoen.

Reël 3.1.—Indien die hierin voorgeskrewe vereistes gewysig of aangevul word, moet 'n professionele ingenieursinstituut binne 12 maande na die datum van afkondiging in die *Staatskoerant* van sodanige gewysigde of aanvullende vereistes die nodige stappe doen om aan sodanige gewysigde of aanvullende vereistes te voldoen.

Reël 3.2.—Die Raad kan op aansoek van 'n professionele ingenieursinstituut, na goeddunke die tydperk in reël 3.1 gemeld met hoogstens 12 maande verleng.

Reël 3.3.—Indien 'n professionele ingenieursinstituut versuim of weier om binne die voorgeskrewe tydperk te voldoen aan enige van die gewysigde of aanvullende vereistes in reël 3.1 of 3.2 gemeld, word sy erkenning as 'n vereniging van ingenieurs geag te verval het.

Reël 4.1.1.—'n Vereniging moet Suid-Afrikaans van oorsprong wees en moet onafhanklik wees van enige buitelandse liggaam, en kragtens sy grondwet moet hy die belange van minstens een van die volgende vertakings van ingenieurswese behartig en die studie en wetenskap daarvan bevorder:—

- (a) Landboukundige ingenieurswese;
- (b) chemiese ingenieurswese;
- (c) siviele ingenieurswese;
- (d) elektrotegniese ingenieurswese;
- (e) meganiese ingenieurswese;
- (f) mynboukundige ingenieurswese;
- (g) metallurgiese ingenieurswese;
- (h) bedryfsingenieurswese.

Reël 4.1.2.—Geen vereniging word erken nie indien hy die belange behartig of die studie en wetenskap bevorder van slegs 'n subvertakking van enige van die vertakings van ingenieurswese in reël 4.1.1 genoem.

Reël 4.2.—Minstens twee derdes van die lede van die bestuursliggaam van 'n vereniging moet gewoonlik in die Republiek woonagtig wees.

Reël 4.3.—Minstens twee derdes van die korporaatlede van 'n vereniging moet gewoonlik in die Republiek woonagtig wees en voldoen aan die vereistes vir registrasie as professionele ingenieurs of ingenieurs-in-opleiding kragtens die Wet: Met dien verstande dat, indien 'n vereniging tot tevredenheid van die Raad bewys lewer dat hy voor 14 Februarie 1969 gestig is, alle persone wat onmiddellik voor genoemde datum korporaatlede van sodanige vereniging was, vir die doeleindes van hierdie reël geag word aan die vereistes daarvan te voldoen.

Reël 4.4.1.—Binne 'n tydperk van twee jaar vanaf die datum waarop 'n vereniging kragtens artikel 7 (3) (a) (ii) van die Wet erken is, moet die grondwet of regulasies of sowel die grondwet as die regulasies van so 'n vereniging,

SCHEDULE A

Rule 1.—In these rules, unless contrary to the context, an expression or a word to which a meaning has been assigned in the Professional Engineers' Act, 1968 (Act 81 of 1968), shall bear the same meaning and—

“association” means an association of engineers;

“the Act” means the Professional Engineers' Act, 1968 (Act 81 of 1968);

“the regulations” means the regulations promulgated in terms of section 26 of the Act.

Rule 2.—An association shall not be recognised in terms of section 7 (3) (a) (ii) of the Act unless it complies with all the requirements prescribed herein.

Rule 3.1.—Whenever the requirements prescribed herein are amended or supplemented, a professional engineers' institute shall, within 12 months from the date of promulgation of such amended or supplementary requirements in the *Government Gazette*, take the necessary steps to comply with such amended or supplementary requirements.

Rule 3.2.—On the application of a professional engineers' institute, the Council may in its discretion extend the period referred to in rule 3.1 by a period not exceeding 12 months.

Rule 3.3.—If a professional engineers' institute fails or refuses to comply with any of the amended or supplementary requirements referred to in rule 3.1 or 3.2 within the prescribed period, its recognition as an association of engineers shall be deemed to have lapsed.

Rule 4.1.1.—An association shall be of South African origin and shall be independent of any foreign body, and in terms of its constitution shall further the interests and promote the study and science of at least one of the following branches of engineering:—

- (a) Agricultural engineering;
- (b) chemical engineering;
- (c) civil engineering;
- (d) electrical engineering;
- (e) mechanical engineering;
- (f) mining engineering;
- (g) metallurgical engineering;
- (h) industrial engineering.

Rule 4.1.2.—An association which furthers the interests or promotes the study and science of only a subbranch of any of the branches of engineering referred to in rule 4.1.1, shall not be recognised.

Rule 4.2.—At least two-thirds of the members of the governing body of an association shall ordinarily be resident in the Republic.

Rule 4.3.—At least two-thirds of the corporate members of an association shall ordinarily be resident in the Republic and shall comply with the requirements for registration as professional engineers or as engineers in training in terms of the Act: Provided that if an association proves to the satisfaction of the Council that it was founded before 14 February 1969, all persons who were corporate members of the said association immediately prior to the aforesaid date shall, for the purposes of this rule, be deemed to comply with the requirements thereof.

Rule 4.4.1.—The constitution or regulations or both the constitution and the regulations of any association shall, unless such is the case at the time of such recognition, be amended within a period of two years from the date on

indien sulks nie reeds die geval is ten tyde van sodanige erkenning nie, gewysig word om voorsiening te maak vir die volgende:—

(a) Ingeval 'n korporaatlid van 'n professionele ingenieursinstituut nie aan die vereistes vir registrasie as professionele ingenieur of as ingenieur-in-opleiding kragtens die Wet voldoen nie, moet hy, behoudens die voorbehoudsbepaling van reël 4.3, in besit wees van 'n universiteitsgraad of ander kwalifikasie wat deur die Raad as gelykwaardig aan 'n universiteitsgraad erken word en moet hy 'n beroep beoefen wat verwant is aan of bydra tot die doeltreffende beoefening van die vertakking of vertakings van ingenieurswese waarvan die belange behartig en waarvan die studie en wetenskap bevorder word deur sodanige professionele ingenieursinstituut.

Reël 4.4.2.—Op aansoek van 'n professionele ingenieursinstituut kan die Raad na goedgekenke die tydperk in reël 4.4.1 gemeld met hoogstens 12 maande verleng.

Reël 4.4.3.—Indien 'n professionele ingenieursinstituut versuim of weier om aan die vereistes van reël 4.4.1 te voldoen, vervel sy erkenning met ingang van die datum waarop die tydperk in reël 4.4.1 of 4.4.2 gemeld, verstryk.

Reël 5.1.—'n Professionele ingenieursinstituut moet jaarliks, voor of op 31 Maart, volle besonderhede van enige wysigings wat gedurende die voorafgaande 12 maande aan sy grondwet, verordeninge of regulasies aangebring is, skriftelik aan die Registrateur verstrek.

Reël 5.2.—Indien die Minister, na oorlegpleging met die Raad, van oordeel is dat 'n professionele ingenieursinstituut sy grondwet, verordeninge of regulasies gewysig het in enige opsig wat strydig is met enige van die hierin voorgeskrewe vereistes, gelas die Minister dat die erkenning van sodanige vereniging vanaf 'n lopende datum ingetrek word.

which such association has been recognised in terms of section 7 (3) (a) (ii) of the Act to provide for the following:—

(a) In the event of a corporate member of a professional engineers' institute not complying with the requirements for registration as a professional engineer, or as an engineer in training in terms of the Act, he shall, subject to the proviso of rule 4.3, be in possession of a university degree or other qualification recognised by the Council as being equivalent to a university degree and he shall carry on a profession related to or contributing towards the efficient practice of the branch or branches of engineering whose interests are furthered and the study and science of which are promoted by such professional engineers' institute.

Rule 4.4.2.—On the application of a professional engineers' institute, the Council may in its discretion extend the period referred to in rule 4.4.1 for a period not exceeding 12 months.

Rule 4.4.3.—If a professional engineers' institute fails or refuses to comply with the requirements of rule 4.4.1, its recognition shall lapse from the date on which the period referred to in rule 4.4.1 or 4.4.2 expires.

Rule 5.1.—A professional engineers' institute shall annually, not later than 31 March, submit to the Registrar, in writing, full particulars of any amendment effected to its constitution, by-laws or regulations during the preceding 12 months.

Rule 5.2.—If the Minister, after consultation with the Council, is of the opinion that any professional engineers' institute has amended its constitution, by-laws or regulations in any respect which is contrary to any of the requirements prescribed herein, the Minister shall order that the recognition of such association be terminated with effect from a current date.

No. R. 382

14 Maart 1969

KENNISGEWING KRAGTENS ARTIKEL 7 (4) VAN DIE WET OP PROFESSIONELE INGENIEURS, 1968 (WET 81 VAN 1968)

Kennisgewing geskied hiermee kragtens artikel 7 (4) van die Wet op Professionele Ingenieurs, 1968 (Wet 81 van 1968), dat die Minister van Openbare Werke voornemens is om, kragtens die bevoegdheid hom verleen by artikel 7 (3) (c) van genoemde Wet, binne 60 dae vanaf datum van publikasie hiervan, die voorsiening in die bygaande Bylae vervat, te publiseer.

Belanghebbende persone word hiermee uitgenooi om enige besware teen of vertoeë betreffende die voorgestelde voorsiening skriftelik te rig aan Die Sekretaris van Openbare Werke, Privaatsak 65, Pretoria.

BYLAE

Ek, Barzillai Coetzee, Minister van Openbare Werke, na oorweging en goedkeuring van 'n tersaaklike aanbeveling gedoen deur die Suid-Afrikaanse Raad vir Professionele Ingenieurs, skryf hiermee voor, kragtens artikel 7 (3) (c) van die Wet op Professionele Ingenieurs, 1968 (Wet 81 van 1968), dat die volgende soorte werk in verband met projekte, ondernemings of dienste van 'n ingenieursaard vir professionele ingenieurs voorbehou word:—

Ondersoek insake, raadgeving in verband met, verslaggewing oor en evaluerend, opmeting, beplanning, ontwerp, spesifisering, uitleg, bestuur, konstruksie, ingebruikneming, inspeksie of toetsing van enige projekte, ondernemings of dienste van 'n landboukundige, chemiese, siviele, elektro-

No. R. 382

14 March 1969

NOTICE IN TERMS OF SECTION 7 (4) OF THE PROFESSIONAL ENGINEERS' ACT, 1968 (ACT 81 OF 1968)

Notice is hereby given in terms of section 7 (4) of the Professional Engineers' Act, 1968 (Act 81 of 1968), that the Minister of Public Works, by virtue of the power vested in him in terms of section 7 (3) (c) of the said Act, proposes publishing the provision contained in the Schedule hereto after 60 days from the date of publication thereof.

Interested parties are hereby invited to submit any objections to or representations concerning the proposed provisions, in writing, to the Secretary for Public Works, Private Bag 65, Pretoria.

SCHEDULE

I, Barzillai Coetzee, Minister of Public Works, after consideration and approval of a relevant recommendation made by the South African Council for Professional Engineers, do hereby in terms of section 7 (3) (c) of the Professional Engineers' Act, 1968 (Act 81 of 1968), prescribe that the following kinds of work in connection with projects, undertakings or services of an engineering nature shall be reserved for professional engineers:—

Investigating, advising on, reporting on, evaluating, measuring for, planning, designing, specifying, laying out, directing, constructing, commissioning or inspecting or testing any projects, undertakings or services of an agricultural, chemical, civil, electrical, mechanical, mining or

tegniese, meganiese, mynboukundige of metallurgiese ingenieursaard, soos dié in Aanhangel A vermeld, wat die vaardige aanwending van die beginsels van wiskunde, die basiese natuurwetenskappe (soos fisika, meganika, skeikunde en geologie) en die basiese ingenieurswetenskappe (soos toegepaste meganika, termodinamika, elektrotegnologie en materiaal-kunde) vir hul ontwikkeling en bereiking verg en ten opsigte waarvan kennis van voormelde beginsels opgedoen moes gewees het deur die leergang wat van tyd tot tyd neergelê word vir een van die eksamens voorgeskryf kragtens artikel 19 of erken kragtens artikels 18 (2) (b) of 18 (6) (c) (ii) van die Wet te gevolg het en in sodanige eksamen te geslaag het: Met dien verstande dat—

(a) niks hierin vervat enige persoon sal verhinder om sy beroep as argitek, bourekenaar, landmeter, stadbeplanner, skeikundige, fisikus, metallurgis of geoloog te beoefen nie, op voorwaarde dat sodanige persoon homself nie 'n professionele ingenieur mag noem of as sodanig mag voordoen nie, tensy hy aldus kragtens die Wet geregistreer is;

(b) 'n professionele ingenieur by die opstelling van planne, spesifikasies of ramings in verband met voormelde projekte, ondernemings of dienste bygestaan mag word deur 'n persoon of persone wat nie as professionele ingenieurs geregistreer is nie, onderworpe daaraan dat hy persoonlike leiding en beheer uitoefen en onderworpe daaraan verder dat hy onvoorwaardelike verantwoordelijkheid daarvoor aanvaar;

(c) niks hierin vertolk word as sou dit die uitvoering of bedryf van of toelig oor voormelde projekte, ondernemings of dienste deur 'n kontrakteur, voorman, superintendent, inspekteur of tegnikus insluit nie, op voorwaarde dat gemelde projekte, ondernemings en dienste ontwerp is deur en dat gemelde uitvoering toelig of bedryf geskied onder die leiding van 'n professionele ingenieur; en

(d) niks hierin vervat vertolk moet word nie as sou dit afbreuk doen aan die krag en uitwerking van die regulasies uitgevaardig kragtens die Wet op Fabriek, Masjinerie en Bouwerk, 1941 (Wet 22 van 1941), of die Wet op Myne en Bedrywe, 1956 (Wet 27 van 1956).

AANHANGSEL A

1. Vervoerwerk, paaie, spoorweë, waterweë, lughawes, pyplyne en alle detailwerk in verband daarmee, soos brûe, tonnells, goedereloodse, dokke, ligtorings, rollende materiaal, voertuie, lugvaartuie en pompinstallasies.

2. Openbare utiliteitswerke soos verbindingstelsels, elektriese kragstelsels, waterwerke, grondbewaringswerke, gaswerke, besproeiingswerke, dreineringswerke, rioolwerke, gastransmissie- en -verspreidingstelsels en verbrandings-oonde.

3. Meganiese werke soos stoomketels, primêre stoomkragbronne, kondensors, pompe, binnebrandmasjiene, hidrouliese, druklug- en ander kragaangedrewe masjinerie, landboumasjinerie en toebehore.

4. Werke vir die opvang en aanwending van energie verkry van kernfusie of -spleting, sonbestraling of ander bronne wat energie geskik vir kommersiële doeleindes verskaf.

5. Elektriese masjinerie, apparaat en werke vir die ontwikkeling, transmissie en aanwending van alle vorms van elektriese energie.

6. Elektroniese apparaat soos dié wat gebruik word in verbindingstelsels, opmeting en berekening.

metallurgical engineering nature, such as those set forth in Annexure A, which require the skilled application of the principles of mathematics, the basic physical sciences (such as physics, mechanics, chemistry and geology), and the basic engineering sciences (such as applied mechanics, thermodynamics, electro-technology and material science) for their development and attainment, and in respect of which the knowledge of the principles aforesaid shall have been acquired by having followed the curriculum which is from time to time determined for one of the examinations prescribed in terms of section 19 or recognised in terms of sections 18 (2) (b) or 18 (6) (c) (ii) of the Act and having passed the said examination: Provided that—

(a) nothing herein contained shall prevent any person from practising his profession as an architect, quantity surveyor, land surveyor, town planner, chemist, physicist, metallurgist or geologist on condition that such person shall not style or hold himself out as a professional engineer unless he is so registered in terms of the Act;

(b) subject to his exercising personal direction and control and subject further to his assuming unconditional responsibility therefor, a professional engineer may be assisted by a person or persons not registered as professional engineers in drawing up plans, specifications or estimates in connection with the projects, undertakings or services aforesaid;

(c) nothing herein contained shall be construed to include the execution, supervision or operation of the projects, undertakings or services aforesaid by a contractor, foreman, superintendent, inspector or technician provided that the said projects, undertakings and services have been designed by and the said execution, supervision or operation is done under the direction of a professional engineer; and

(d) nothing herein contained shall be construed as derogating from the force and effect of the regulations made in terms of the Factories, Machinery and Building Work Act, 1941 (Act 22 of 1941), or the Mines and Works Act, 1956 (Act 27 of 1956).

ANNEXURE A

1. Transportation work, roads, railways, waterways, airports, pipe lines and all detail works connected therewith, such as bridges, tunnels, yards, docks, lighthouses, rolling stock, vessels, aircraft and pumping plant.

2. Public utility works, such as communication systems, electric power systems, waterworks, soil conservation works, gas-works, irrigation works, drainage works, sewerage works, gas transmission and distribution systems and incinerators.

3. Mechanical works, such as steam boilers, steam prime movers, condensers, pumps, internal combustion engines, hydraulic, compressed air and other motive power machinery, agricultural machinery and accessories.

4. Works for the capture and utilization of energy derived from nuclear fusion or fission, solar radiation or other sources yielding energy in a state suitable for commercial application.

5. Electrical machinery, apparatus and works for the development, transmission and application of all forms of electrical energy.

6. Electronic apparatus such as that employed in communication systems, measurement and computation.

7. Mynboukundige en metallurgiese werke soos myn-eiendomme, mynbou- en konsentratormasjinerie en apparate, olie- en gasbronne, smelterye, sianiedwerke, suurstallasies, metallurgiese masjinerie, uitrusting en apparaat, en werke wat noodsaaklik is vir die ekonomiese ontginning of voorbereiding van metale, minerale, gesteentes of petroleum.

8. Die meganiese, elektrotegniese, chemiese, elektrochemiese, mynboukundige, metallurgiese of hittebehandeling van enige stof, hetsy organies, of anorganies en samestellings daarvan vir alle doeleindes.

9. Fabriek, pakhuis, swembaddens, verkoelingsinstallasies, graansuiers, hospitale, skole en openbare geboue.

10. Alle geboue en strukture wat noodsaaklik is vir die behoorlike huisvesting, administrasie en bedryf van die werke in paragrawe 1 tot 9 genoem.

11. Ondersoeke met betrekking tot die inspeksie, ontdekking en ontwikkeling van gesteentes en minerale, mineraalafsettings, rotsstrukture, en olie- en gasstrukture.

12. Ingenieurswerke en -aanlêe met betrekking tot dorps- en gemeenskapsontwikkeling.

13. Die opsporing, ontwikkeling en aanwending van waterbronne vir huishoudelike, munisipale, nywerheids-, landbou-, besproeiings-, waterkrag en ander soortgelyke doeleindes.

7. Mining and metallurgical works such as mining properties, mine and concentrator machinery and apparatus, oil and gas wells, smelters, cyanide plants, acid plants, metallurgical machinery, equipment and apparatus, and works necessary for the economical winning or preparation of metals, minerals, rocks or petroleum.

8. The mechanical, electrical, chemical, electrochemical, mining, metallurgical or heat treatment of any substance, whether organic or inorganic, and combinations thereof for all purposes.

9. Factories, warehouses, swimming-pools, cold storage plants, grain elevators, hospitals, schools and public buildings.

10. All buildings and structures necessary for the proper housing, administration or operation of the works mentioned in paragraphs 1 to 9.

11. Investigations relating to the examination, exploration and development of rocks and minerals, mineral deposits, rock structures and oil and gas structures.

12. Engineering works and installations related to town and community development.

13. The exploration, development and employment of water resources for domestic, municipal, industrial, agricultural, irrigation, water power and other like uses.

No. R. 383

14 Maart 1969

REGISTRASIE- EN JAARGELDE BETAALBAAR DEUR PROFFESIONELE INGENIEURS EN INGENIEURS - IN - OPLEIDING.—KENNISGEWING Kragtens Artikel 7 (6) van die Wet op Professionele Ingenieurs, 1968 (Wet 81 van 1968)

Die Minister van Openbare Werke het kragtens artikel 7 (6) van die Wet op Professionele Ingenieurs, 1968 (Wet 81 van 1968), die gelde, vervat in Bylae A hiervan, wat ingevolge artikel 7 (1) (g) van genoemde Wet deur die Suid-Afrikaanse Raad vir Professionele Ingenieurs voorgeskryf is, goedgekeur.

BYLAE A

1. In hierdie Bylae, tensy strydig met die samehang, het 'n woord of uitdrukking waaraan in die Wet op Professionele Ingenieurs, 1968 (Wet 81 van 1968), 'n betekenis geheg is, dieselfde betekenis en beteken—

“die Wet” die Wet op Professionele Ingenieurs, 1968 (Wet 81 van 1968);

“jaar” die tydperk wat op 1 April van 'n jaar begin en op 31 Maart van die daaropvolgende jaar eindig;

“jaargeld” die geld wat jaarliks voor of op 30 April deur 'n professionele ingenieur of 'n ingenieur-in-opleiding, na gelang van die geval betaalbaar is;

“registrasiegeld” die geld wat betaalbaar is wanneer 'n persoon kragtens artikel 18 van die Wet vir die eerste keer aansoek doen om registrasie as 'n professionele ingenieur of as 'n ingenieur-in-opleiding, na gelang van die geval.

2. Professionele Ingenieurs

	R c
(a) Registrasiegeld	20 00

Met dien verstande dat die registrasiegeld van 'n persoon wat reeds ingevolge die Wet as 'n ingenieur-in-opleiding geregistreer is, verminder word met die bedrag wat hy ten opsigte van laasgenoemde registrasie betaal het.

(b) Jaargeld (per jaar of gedeelte daarvan)—

(i) ten opsigte van 'n persoon wat bewys lewer van lopende lidmaatskap van 'n professionele ingenieursinstituut	10 00
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No. R. 383

14 March 1969

REGISTRATION AND ANNUAL FEES PAYABLE BY PROFESSIONAL ENGINEERS AND ENGINEERS IN TRAINING.—NOTICE IN TERMS OF SECTION 7 (6) OF THE PROFESSIONAL ENGINEERS' ACT, 1968 (ACT 81 OF 1968)

The Minister of Public Works has, in terms of section 7 (6) of the Professional Engineers' Act, 1968 (Act 81 of 1968), approved the fees, mentioned in Schedule A hereof, which have been prescribed by the South African Council for Professional Engineers in terms of section 7 (1) (g) of the said Act.

SCHEDULE A

1. In this Schedule, unless contrary to the context, an expression or a word to which a meaning has been assigned in the Professional Engineers' Act, 1968 (Act 81 of 1968), shall bear the same meaning and—

“the Act” means the Professional Engineers' Act, 1968 (Act 81 of 1968);

“year” means the period commencing on 1 April of any year and ending on 31 March of the next succeeding year;

“annual fee” means the fee payable annually before or on 30 April by a professional engineer or an engineer in training, as the case may be;

“registration fee” means the fee payable when a person applies for the first time, in terms of section 18 of the Act, for registration as a professional engineer or as an engineer in training, as the case may be.

2. Professional Engineers

	R c
(a) Registration fee	20 00

Provided that the registration fee of a person who has already been registered as an engineer in training in terms of the Act, shall be reduced by the amount paid by him in respect of the latter registration.

(b) Annual fee (per annum or portion thereof)—

(i) in respect of a person who produces evidence of current membership of a professional engineers' institute	10 00
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(ii) ten opsigte van 'n persoon wat nie lid van 'n professionele ingenieursinstituut is nie 25 00

3. Ingenieurs-in-opleiding

(a) Registrasiegeld ... 5 00
(b) Jaargeld (per jaar of gedeelte daarvan)—

(i) ten opsigte van 'n persoon wat bewys lewer van lopende lidmaatskap van 'n professionele ingenieursinstituut ... 5 00

(ii) ten opsigte van 'n persoon wat nie lid van 'n professionele ingenieursinstituut is nie 10 00

4. Tydelike registrasie ingevolge artikel 18 (6)

van die Wet

Registrasiegeld (per jaar of gedeelte daarvan) 50 00

No. R. 384

14 Maart 1969

INWERKINGTREDING VAN ARTIKEL 21 (1) (a) VAN DIE WET OP PROFESSIONELE INGENIEURS, 1968 (WET 81 VAN 1968)

Kragtens artikel 21 (4) van die Wet op Professionele Ingenieurs, 1968 (Wet 81 van 1968), bepaal ek, Barzillai Coetzee, Minister van Openbare Werke, na oorlegpleging met die Suid-Afrikaanse Raad vir Professionele Ingenieurs, dat artikel 21 (1) (a) van voormelde Wet, vir sover dit betrekking het op 'n professionele ingenieur wat 'n private praktyk uitoefen, soos omskryf in genoemde Wet, in werking tree ses maande na die datum waarop hierdie kennisgewing in die *Staatskoerant* verskyn.

B. COETZEE,
Minister van Openbare Werke.

No. R. 385

14 Maart 1969

INWERKINGTREDING VAN ARTIKEL 21 (1) (b) VAN DIE WET OP PROFESSIONELE INGENIEURS, 1968 (WET 81 VAN 1968)

Kragtens artikel 21 (4) van die Wet op Professionele Ingenieurs, 1968 (Wet 81 van 1968), bepaal ek, Barzillai Coetzee, Minister van Openbare Werke, na oorlegpleging met die Suid-Afrikaanse Raad vir Professionele Ingenieurs, dat artikel 21 (1) (b) van voormelde Wet in werking tree ses maande na die datum waarop hierdie kennisgewing in die *Staatskoerant* verskyn.

B. COETZEE,
Minister van Openbare Werke.

(ii) in respect of a person who is not a member of a professional engineers' institute 25 00

3. Engineers in training

(a) Registration fee ... 5 00
(b) Annual fee (per annum or portion thereof)—

(i) in respect of a person who produces evidence of current membership of a professional engineers' institute ... 5 00

(ii) in respect of a person who is not a member of a professional engineers' institute 10 00

4. Temporary registration in terms of section 18

(6) of the Act

Registration fee (per annum or portion thereof) 50 00

No. R. 384

14 March 1969

COMING INTO OPERATION OF SECTION 21 (1) (a) OF THE PROFESSIONAL ENGINEERS' ACT, 1968 (ACT 81 OF 1968)

In terms of section 21 (4) of the Professional Engineers' Act, 1968 (Act 81 of 1968), I, Barzillai Coetzee, Minister of Public Works, do hereby determine, after consultation with the South African Council for Professional Engineers, that section 21 (1) (a) of the aforementioned Act shall, in so far as it relates to professional engineers engaged in private practice as defined in the said Act, come into operation six months after the date on which this notice appears in the *Government Gazette*.

B. COETZEE,
Minister of Public Works.

No. R. 385

14 March 1969

COMING INTO OPERATION OF SECTION 21 (1) (b) OF THE PROFESSIONAL ENGINEERS' ACT, 1968 (ACT 81 OF 1968)

In terms of section 21 (4) of the Professional Engineers' Act, 1968 (Act 81 of 1968), I, Barzillai Coetzee, Minister of Public Works, do hereby determine, after consultation with the South African Council for Professional Engineers, that section 21 (1) (b) of the said Act shall come into operation six months after the date on which this notice appears in the *Government Gazette*.

B. COETZEE,
Minister of Public Works.

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