

Notices

2nd CONGRESS OF THE INTERNATIONAL SOCIETY FOR ROCK MECHANICS

The 2nd Congress of the International Society for Rock Mechanics will be held in Belgrade, 21-26 September, 1970.

The Congress will include: working sessions, study tours, receptions, excursions introduced in the working sessions and post-congress excursions and special programme for accompanying persons.

Anyone interested in rock mechanics and its application may take part in the 2nd Congress.

Official languages of the Congress are: English, French and German. Simultaneous translation service will be provided during the Congress.

All the correspondence concerning the 2nd Congress of the International Society for Rock Mechanics should be addressed to:

Sekretarijat 2. kongresa
Medjunarodnog drustva za
mehaniku stena
Institut za vodoprivredu "Jaroslav Cerni"
Bulevar vojvode Misica 43, Postanski fah 530
Beograd — Jugoslavija

NINTH INTERNATIONAL SYMPOSIUM TECHNIQUES FOR DECISION MAKING IN THE MINERAL INDUSTRY

The Symposium which is to be held in Montreal during the week of June 14-19, 1970, follows the Computer Symposium held in Salt Lake City this year. The purpose of the Symposium is to define the role of decision making techniques within the mineral industry and to stimulate the development of specific applications. The subject of the Symposium—mathematics, operations research and computers as applied to the mineral industry—allows a complete picture of the mineral industry in its public policy, corporate, financial and technological environment to emerge.

This is another of the series of symposia on this and related subjects started in the early 1960's at the University of Arizona. Sponsorship has included a number of Universities and the Society of Mining Engineers of the American Institute of Mining. This 1970 symposium is the first to be held outside of America, and is being sponsored by the Canadian Institute of Mining, McGill University and École Polytechnique. A number of delegates from South Africa have participated in these symposia and several have already arranged to attend this symposium in Montreal.

Enquiries should be directed to:
Secretariat,
The 9th International Symposium,
Department of Mining Engineering,
École Polytechnique,
P.O. Box 501, Snowden,
Montreal 248, Quebec, Canada.

24th INTERNATIONAL GEOLOGICAL CONGRESS

This Congress is to be held in Montreal, Canada, from August 21 to 30, 1972. A very detailed and extensive

programme has been proposed, and includes a number of excursions. Copies of the first circular are obtainable from:

The Organizing Committee,
24th International Geological Congress,
601 Booth Street, Ottawa 4,
Ontario, CANADA.

SYMPOSIUM ON THE RECOVERY OF PYRITE

The proceedings of the Symposium on the Recovery of Pyrite, held in Johannesburg on 12th to 13th June 1969 are now available. Copies may be ordered from the Secretary, S.A.I.M.M., P.O. Box 61019, Marshalltown, Transvaal at a cost of R10.00.

Papers and addresses presented at the Symposium were:

Opening Address by Mr J. K. E. Douglas (President).

'The world sulphur position,' by W. C. J. van Rensburg (Member).

'The South African sulphur position,' by D. L. Taylor (Member).

'The recovery of pyrite at Government Gold Mining Areas Limited,' by R. J. Westwood (Member), G. S. Stander (Affiliate) and H. R. Carlisle (Member).

'Recovery of pyrite concentrates from colliery-waste discards—A preliminary assessment,' by W. A. Gilbert (Visitor) and E. A. Nugent (Member).

'The role of pyrite in upgrading the uranium content of Witwatersrand conglomerate ores by means of the heavy-medium separation process,' by D. J. Tutt (Associate Member).

'Pyrite recovery by jigs at Durban Roodepoort Deep Limited,' by E. J. Dominy (Affiliate), F. Diamond (Affiliate) and A. D. Graham (Affiliate).

'The storage of pyrite concentrates,' by Joan C. Campkin (Visitor) and P. J. Lloyd (Member).

'The flotation plants of the Anglo-Transvaal Group,' by L. A. Bushell (Member).

'Pyrite flotation with amines and cyanidation of the products,' by E. H. D. Carman (Member).

'Gold recovery by cyanidation from mill products obtained after pyrite flotation,' by P. G. Mrkusic (Graduate), M. Sciarone (Visitor) and H. E. Simonsen (Visitor).

'The influence of sulphydral and cationic flotation reagents on cyanidation of native gold,' by K. G. Ashurst (Visitor) and W. P. Finkelstein (Member).

'Laboratory tests on the flotation of pyrite from Witwatersrand gold ores by cationic collector,' by J. Levin (Member), and M. L. Veitch (Visitor).

Closing Address, by Dr R. E. Robinson (Director, National Institute for Metallurgy).

THE AUSTRALASIAN INSTITUTE OF MINING AND METALLURGY

SYMPOSIUM ON AUTOMATIC CONTROL SYSTEMS IN MINERAL PROCESSING PLANTS

The Southern Queensland branch of this Institute is holding a symposium in Automatic Control Systems in Mineral Processing Plants at the University of Queensland in Brisbane from 18th to 20th May, 1971. The registration fee for the symposium, including accommodation and a copy of the proceedings, will be \$120. Further details are available from the organising secretary, Dr A. J. Lynch, Department of Mining and Metallurgical Engineering, University of Queensland, St. Lucia, Queensland 4067, Australia.

SOUTH AFRICAN COUNCIL FOR PROFESSIONAL ENGINEERS

The following letter has been addressed to the *Institute* by The Federation of Societies of Professional Engineers:

PUBLIC MEETINGS ON REGISTRATION

When the Professional Engineers' Act 1968 came into force, questions arose on the intention of the Act and the effect that it might have on engineers' work. Engineers were also not fully conversant with the various functions of the South African Council for Professional Engineers, the Federation of Societies of Professional Engineers and the function of the individual engineering institutes.

The Federation, therefore, decided to arrange public meetings where engineers could raise the problems worrying them. These meetings proved to be very successful due to the competent manner in which a panel of engineers, under the chairmanship of Mr H. E. Cross, replied to the questions which mainly concerned the effect that the Act might have.

Mr Cross, Acting President of F.S.P.E. and representative for the S.A.I.M.M. was assisted by Mr M. R. Gericke—S.A.C.P.E. and S.A.I.E.E.; Mr C. J. Hopewell—S.A.I.M.E. and Mr D. F. Odendaal—I.C.M.E.E. Prof D. W. de Vos—S.A.I.C.E., was also a member of the panel at a meeting held in Johannesburg on 22nd October, 1969 and Prof K. Knight—S.A.I.C.E., at a meeting held in Durban on 29th October, 1969.

ORGANISATIONS OF THE ENGINEERING PROFESSION

In an address delivered to The Engineers' Association of S.A. in 1962, Professor Jennings presented an outline of the way in which the various bodies representing the different branches of the Engineering Profession could be co-ordinated into two main central organisations, one of which would be able to control a system in which engineers could register under Statutory authority and the second, to promote the interests of engineers as a whole in those matters which are of common concern to all engineers in the profession.

This unity within the profession was effectively achieved when the Professional Engineers' Joint Council was formed and became the body in which all branches of the Engineering Profession were united, either as full members—representing the Societies of Professional Engineers—or as associates.

Arising from representations made by the P.E.J.C., the Government enacted the registration of Professional

Engineers in February 1969 and the South African Council for Professional Engineers was established to administer registration. This body is controlled by representatives of all branches of engineering and therefore engineers are themselves responsible for deciding the issues affecting registration of the individual.

However, this Council's sole concern is with the registration of Professional Engineers and their conduct in terms of a code of ethics. It does not represent the united voice of engineers in matters affecting the welfare and interests of the whole body of engineers. The P.E.J.C., now known as the Federation of Societies of Professional Engineers, continues to perform this function and is the body in which all matters common to engineers are co-ordinated and which acts as a united front to speak on behalf of its constituent societies and to promote their interests.

The functions of the Council and the Federation supplement and in no way supplant these of the individual societies which promote the interests of the individual disciplines. Two diagrams have been prepared which clearly define the organisation as originally envisaged by Professor Jennings in 1962 and the present position in which the functions of the Societies, the Council and the Federation are clarified.

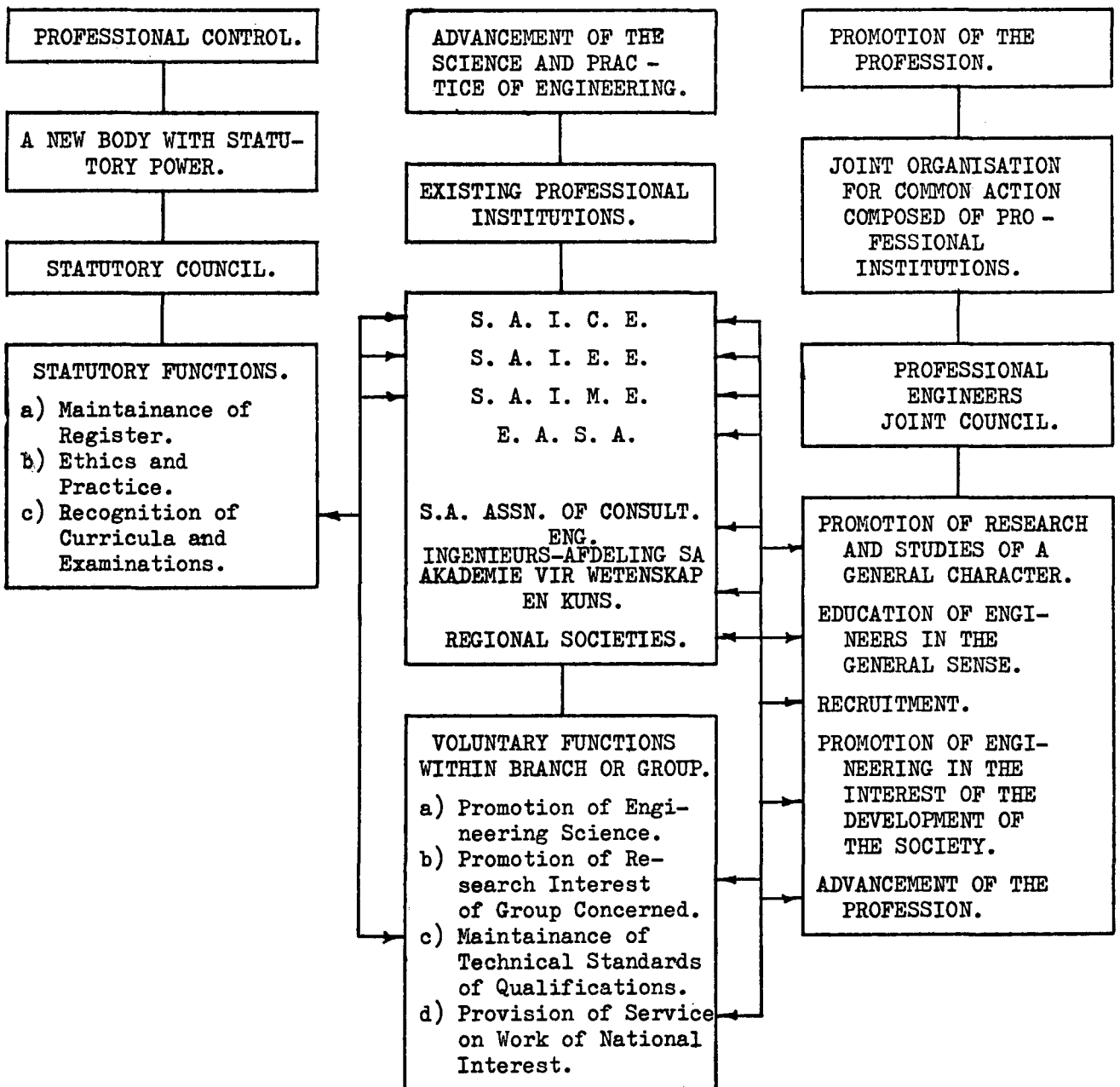
SUMMARY OF ACTIVITIES OF REGISTRATION COMMITTEE

REGISTRATION STATISTICS

Meeting	NUMBER OF PERSONS REGISTERED UNDER					Total
	Clause 18(2)	Clause 18(4)(b)	Clause 18(3)(a) (Engineers in Training)	Clause 18(4)(a)	Clause 18(6)	
21.4.69	34	6	—	—	—	40
28.4.69	40	14	1	—	—	55
5.5.69	39	20	4	—	—	63
19.5.69	49	13	4	—	—	66
26.5.69	106	24	5	—	—	135
2.6.69	33	5	—	—	—	39
9.6.69	25	7	3	—	—	35
16.6.69	50	6	—	—	—	56
23.6.69	88	7	8	—	—	103
30.6.69	22	9	—	—	—	31
7.7.69	20	12	—	—	—	32
15.7.69	94	12	3	—	—	109
21.7.69	30	8	1	—	—	39
28.7.69	112	6	9	2	—	129
4.8.69	46	17	4	2	—	69
11.8.69	39	17	2	1	1	60
13.8.69	5	—	—	1	—	6
14.8.69	2	—	—	—	—	2
18.8.69	1	7	—	—	—	8
25.8.69	36	12	2	—	—	50
2.9.69	76	10	11	—	—	97
8.9.69	68	15	9	1	—	93
15.9.69	44	—	7	—	—	51
22.9.69	158	16	16	—	1	191
29.9.69	40	25	5	2	—	72
6.10.69	116	37	10	—	—	163
13.10.69	117	22	7	—	—	146
20.10.69	139	43	20	1	—	203
	1,629	370	131	11	2	2,143

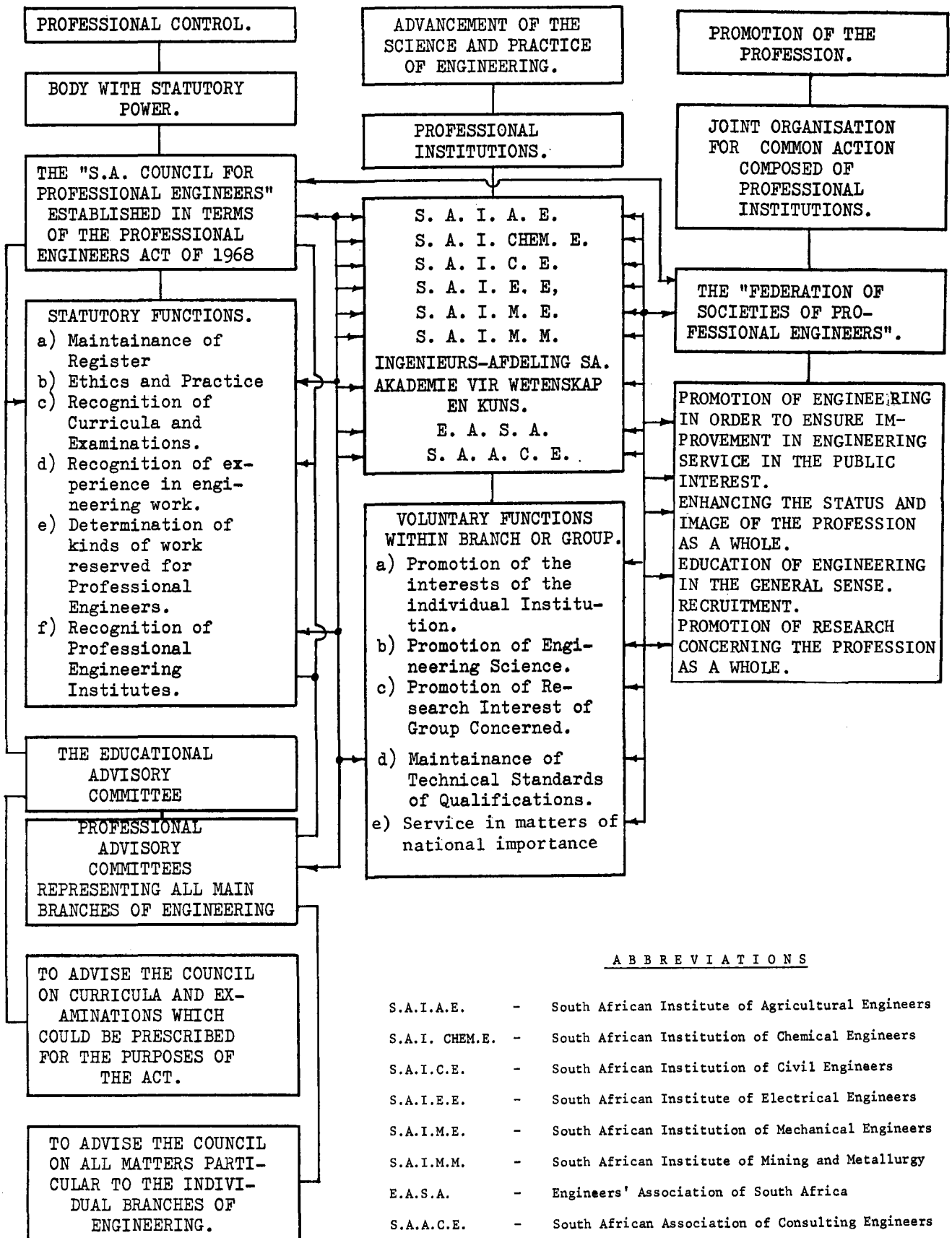
1. Application forms posted	22 000
2. Application forms received	8 775
3. Applications referred for further information ..	1 215
4. Applications for registration not accepted by Council	132
5. Qualifications referred to Education Advisory Committee for Evaluation	109
6. Applications awaiting processing	5 176

ORGANIZATIONAL PLAN FOR PROFESSIONAL ENGINEERS IN SOUTH AFRICA
 PROPOSED BY PROF. J. E. B. JENNINGS IN HIS ADDRESS TO EASA IN 1962



- S.A.I.C.E. - South African Institution of Civil Engineers.
 S.A.I.E.E. - South African Institute of Electrical Engineers.
 S.A.I.M.E. - South African Institution of Mechanical Engineers.
 E.A.S.A. - Engineers' Association of South Africa.

**ORGANIZATIONAL PLAN FOR PROFESSIONAL ENGINEERING
NOW IN EXISTENCE IN SOUTH AFRICA (1969)**





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