

# ABSTRACT OF PROCEEDINGS

OF THE

## *Sydney University Engineering Society.*

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### ANNUAL GENERAL MEETING.

*April 13th, 1904.*

THIS Meeting was held in the Geology Lecture Theatre, Mr. J. N. C. Mactaggart, B.E., President, in the chair.

Minutes of previous Annual General Meeting were read and signed.

The Hon. Secretary, Mr. R. J. Boyd, B.E., read the Report of the Council for the past session. The report dealt with the contributions made to the Journal, the attendance at Council Meetings and Excursions made by the Society, the roll of members, presentations to the Society of drawings, etc., the complete revision of the Constitution, By-laws and Printing Regulations. The membership numbered 204 ordinary and 10 honorary. It recorded the fact that the Life Membership and Prize Funds had been banked and Trustees appointed and stated that interest only earned by the former should be passed into current account. The Report was adopted on the motion of Messrs. Boyd and Woodcock.

The Hon. Treasurer, Mr. H. S. Mort, B.E., read the Balance Sheet which showed a credit balance of £47 ls. 11d. The printing of the Journal had not been completed, and the estimated cost was £76 13s. 10d. The Life Membership Fund had a credit balance of £32 11s., and the Prize Fund a credit of £7 9s. 4d. The Financial Statements were adopted on motion of Messrs. Ireland and Vonwiller.

The Annual Elections were then made.

Eight candidates were elected to membership.

Mr. J. N. C. Mactaggart, B.E., delivered a Presidential Address dealing with the Society's operations, and a "Code of Ethics for Engineers."

Mr. Mactaggart then introduced the President elect, Mr. T. P. Strickland, B.E., M. Sc., who acknowledged the compliment of his election.

Votes of thanks were accorded the retiring President for his address and the Honorary Secretary for his work during the session.

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### ORDINARY GENERAL MEETING.

*May 11th, 1904.*

Mr. T. P. Strickland, B.E., M.Sc., President, in the chair. Forty members present.

Minutes of previous meeting were confirmed.

Mr. T. H. Palmer, B.E., read a paper on "The Making of Mining Engineers."

A discussion was participated in by Prof. David and Messrs. Jarman, Barraclough, Barker and Owen. The discussion was adjourned on the motion of Mr. A. J. Gibson.

A hearty vote of thanks was accorded Mr. Palmer on the motion of Messrs. J. M. Stephen and Barraclough. Mr. Palmer acknowledged the vote and replied to discussion,

## ORDINARY GENERAL MEETING.

*June 16th, 1904.*

There were thirty-two present, Mr. T. P. Strickland, B.E., M. Sc., presiding.

After the confirmation of minutes of previous meeting, Mr. F. Danvers-Power, F.G.S., was elected an ordinary member.

The discussion of Mr. Palmer's paper on "Mining Engineers" was resumed by Mr. A. J. Gibson and sustained by Messrs. C. A. Süssmilch and Dr. McKenzie (visitors), Schofield, Foxall, Tivey, Craig, Lees, H. S. Mort and the President. Correspondence was received from Mr. H. J. Wright.

## ORDINARY GENERAL MEETING.

*July 13th, 1904.*

The President and about thirty-five members attended.

Mr. J. W. Roberts, B.E., Vice-President, took the chair, whilst the President Mr. T. P. Strickland, B.E., M. Sc., read a paper on "The Three-Phase Generation, Transmission and Conversion System of the Sydney Electric Tramways." Mr. Strickland was accorded a cordial vote of thanks, moved by Mr. R. V. Hall and seconded by Messrs. Mactaggart and Weston. The discussion was adjourned.

The minutes of previous meeting were read and ratified.

## ORDINARY GENERAL MEETING.

*August 10th, 1904.*

The President and thirty-seven members were present.

Minutes of previous meeting were read and signed.

Mr. A. J. Gibson, Assoc. M. Inst. C.E., read a student's paper entitled "The Design of a Watertube Boiler."

Mr. Gibson was accorded a hearty vote of thanks on the motion of Mr. Barraclough, seconded by Mr. Tivey and supported during a discussion of the paper by Messrs. Jarman, Roberts, Weston and Strickland. Mr. Gibson replied.

## ORDINARY GENERAL MEETING.

*October 12th, 1904.*

The President, Mr. T. P. Strickland and about twenty members attended.

Minutes of previous meeting were read and confirmed.

The President announced that a former President of the Society, Mr. H. H. Dare, M.E., had been awarded a Telford Premium by the Inst. C.E.

The following motion of which due notice had been given was moved by Mr. A. Jarman, A.R.S.M., seconded by Mr. J. W. Roberts and F. W. Hole, B's. E., and carried "That it is desirable to amend the Constitution so as to allow of the formation of Branches of the Society, and that the Council be requested to frame the necessary alterations to the Constitution and submit them to a General Meeting of the Society.

Mr. H. A. Brooks, Assist. Hon. Sec., read an extract from a copy of "La Nature," presented by Mr. J. M. S. Woore, B.E., and dealing with "Flexible Joints in Bridges." There was a general discussion and the thanks of the Society voted to Mr. Woore.

Mr. R. J. Boyd, B.E., Hon. Sec., read a paper entitled "An Experiment in Elevating and Conveying Wheat in Sacks."

Mr. Roberts moved a vote of thanks to the Author and initiated a discussion participated in by Messrs. Mactaggart, Amphlett, Jarman, Gibson, and the President. Mr. Boyd replied.

## ORDINARY GENERAL MEETING.

*November 9th, 1904.*

Mr. T. P. Strickland, B.E., M. Sc., presided over a gathering of upwards of sixty members and visitors.

The minutes of previous meeting were read and confirmed.

Mr. W. E. Cook, M.E., M. Inst. C.E., read a paper on "The Bacteriological Purification of Sewage," after which Mr. F. Tidswell, M.B., Ch. M., D.P.H., read a paper contributed conjointly by Mr. E. S. Stokes, M.B., Ch. M., D.P.H. and himself entitled "Some Remarks on the Biological Purification of Sewage."

Prof. W. H. Warren, Wh. Sc., M. Inst. C.E., moved a hearty vote of thanks to the authors. This was seconded by Messrs. J. W. Roberts, B.E., J. M. Smail, M. Inst. C.E., T. W. Keele, M. Inst. C.E., J. W. Hanna and S. H. Barraclough, B.E., M.M.E. Mr. Cook and Drs. Tidswell and Stokes responded.

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## ORDINARY GENERAL MEETING.

*December 14th, 1904.*

The President occupied the chair. Eighteen members present.

Messrs. R. A. Dallen and H. W. Myers, B.E., were elected Honorary Auditors for the Session.

Mr. H. S. Mort, B.Sc., Stud. Inst. C.E., read a paper on "Superheated Steam and Superheaters."

A vote of thanks was moved and a discussion initiated by Mr. A. J. Gibson, followed by Messrs. Weston, Jarman, Roberts, Hawken, and the President. The vote was carried by acclamation. Mr. Mort acknowledged same and replied to the discussion.

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