

Engineering Association of New South Wales.

ANNUAL REPORT OF COUNCIL

AND

BALANCE SHEET

FOR THE

YEAR ENDING SEPTEMBER 30TH, 1897.

IN presenting to you the Twenty-Seventh Annual Report for the year ending September 30th, 1897, your Council have pleasure in announcing that marked progress has been made by the Association, as is evidenced by the substantial increase in the number of Members during the session just ended, the total number on the roll now being one hundred and fifty-three. During the year twelve Members, three Associates, and one Student have been elected, one gentleman was re-admitted as a Member, and during the same period, the following named gentlemen have ceased to be connected with the Association:— Messrs. A. D. Marshall, B. Rourke, J. Anderson, S. Brown, J. G. W. Dalrymple, W. Mansfield-Newton, P. T. Owen, F. R. Seaborn, C. Wilkins, and W. Wilson.

BALANCE SHEET.—An examination of the attached Statement of Accounts and Balance Sheet will show that the financial position of the Association is an extremely satisfactory one, there now being a credit balance in hand of £108 2s. 5d., and this after having paid £35 odd to sundry creditors from

the previous year, and £97 7s. 8d., the cost of publishing Volume IX. of the Association's Proceedings.

ARREARS.—In view of the very large amount of arrears of subscriptions, etc., outstanding, viz., three hundred and eight pounds, two shillings and ninepence, and the many unsuccessful appeals to the Members for the payment of same, your Council have reluctantly decided to take immediate legal steps for the recovery of these amounts.

EX-MEMBERS.—The Council have decided to insert in the next and all future volumes of Proceedings, the names of all gentlemen who, for the past five years, have severed their connection with the Association.

Your Council desire to express their thanks to the various gentlemen who have contributed Papers during the session.

Owing to the Engineering and Electrical Exhibition being held during the months of June, July, and August, only six meetings, with an average attendance of 35 Members, were held, at which the following Papers were read and discussed:—
At the October 15th Meeting.—Paper by Mr. Fraser-Hill on
“Irrigation.”

Discussion on same.

March 11th.—The Annual Address was delivered by the President (Mr. A. D. Nelson, M.P.)

April 8th.—Paper by Lieut.-Colonel P. B. Walker (Engineer-in-Chief of Telegraphs, etc.) on “Australasian Telegraphs.”

Discussion on same.

May 13th.—Paper by Mr. Jas. Nangle on “Some Notes on Fire-proof Buildings.”

Discussion on same.

June 10th.—Paper by Mr. Wm. Napier (communicated) on
“Refrigeration.”

Discussion on same.

September 9th.—Discussion on Mr. Napier's Paper on
“Refrigeration.”

Paper by Mr. Baltzer on "The Monier System and its Uses."

DONATIONS AND ADDITIONAL EXCHANGE OF PROCEEDINGS.—

The following additional exchanges of Proceedings and donations have been received during the year, for which your Council tender their best thanks to the respective donors:—

Proceedings of the "Institute of Australasian Mining Engineers."

"Contractors and Builders' Gazette."

Photograph of P. N. Russell, Esq., presented by the President (Mr. A. D. Nelson, M.P.)

Photograph (framed) of Blake Twin Air Pump, as fitted in the North German Lloyd Steamer, "Kaiser Wilhelm der Grosse," presented by Messrs. H. P. Gregory and Co.

Photograph of Patent Compensating Device for Lift-span Bridges (designed and patented by Messrs. Holden and Edgell), presented by Mr. A. E. Holden.

Fine Collection of Framed Photographs of Steamships built and fitted by Messrs. Denny Bros., of Dunbarton, presented by Messrs. Denny Bros. through Mr. C. McAlister, Superintendent Engineer of North Coast S.S. Coy.

Splendid Enlarged Photograph (framed) of George Russell, Esq. (brother of Mr. P. N. Russell), presented by Mr. G. Russell, through Mr. W. D. Cruickshank.

MOONLIGHT HARBOUR SMOKE CONCERT.—On March 18th a most enjoyable Harbour Smoke Concert was held on board the concert steamer "Lady Hampden," kindly lent for the occasion by the Directors of the Balmain New Ferry Co., Ltd. A very large number of the Members and their lady and gentlemen friends, in all about 600, accepted the invitation of the Council. A high-class programme of music and other items was well rendered, and the Council desire to express their best thanks to the Directors and to the various artists who so kindly and ably contributed to the success of the evening.

EXCURSIONS—SALON CINEMATOGRAPH.—On January 19th, a very pleasant afternoon was spent by the Members at the Salon Cinematograph by the courtesy of J. MacMahon, Esq. A special series of animated pictures were shown, and much appreciated, after which this ingenious apparatus was exhibited, and its working explained by Mr. MacMahon.

S.S. "FRIEDERICH DER GROSSE."—On January 22nd, at the invitation of J. Mergell, Esq. (General Agent for Australasia for North German Lloyd Co.), a large number of Members were afforded an opportunity of inspecting the S. S. "Friederich der Grosse," the latest addition to the Company's fleet, and were much impressed with the immense carrying capacity of this vessel.

R.M.S. "CHINA."—On February 5th, by the courtesy of G. Douglas-Mitchie, Esq. (Agent for the P. & O. Co.), about 70 Members availed themselves of the opportunity of inspecting the Royal Mail Steamship "China," the latest addition to this Company's fleet, and were unanimous in their praise of the magnificent proportions of the vessel and the high class of workmanship exhibited in the hull, machinery, and fittings.

MESSRS. LEVER BROS.' COCOANUT OIL AND CAKE WORKS.—On February 8th a pleasant and instructive evening was spent by about 60 Members at Messrs. Lever Bros.' Coconut Oil and Cake Works at Balmain. The Members were received by H. W. Meggitt, Esq. (Manager of the Works), who courteously conducted the party over the extensive works, and explained the various machines and processes.

WEST'S PATENT TYRE SETTER.—On February 19th, in response to a courteous invitation of Owen Jones, Esq., a number of Members inspected the working of West's Patent Hydraulic Tyre Setter, and were very pleased and interested with the expeditious manner in which this machine did its work.

On July 10th your Council accepted a very courteous invitation to lunch with Lee Murray, Esq. (Australasian

representative of Messrs. Siemens Bros. and Co., Ltd.), who, having made Sydney his headquarters, was recently elected a Member of this Association. The efforts of Mr. Murray as host on this occasion were highly appreciated by those present.

ENGINEERING AND ELECTRICAL EXHIBITION.—In pursuance of resolution passed at the General Meeting held on August 13th, 1896, to hold an Engineering and Electrical Exhibition in conjunction with the Electrical Association of New South Wales, your Council took all the necessary steps to carry that project through, and although every effort was made to render it as interesting and instructive as possible, they much regret to have to place on record—"That a loss of about £1,300 has resulted, owing to the small support received from the general public." As an Exhibition of Mechanical and Electrical Machinery and Progress it was an unqualified success.

ANNUAL VOLUME.—As announced in the last Annual Report, Volume IX. of the Association's Transactions was published during the year, thanks to the exertions of the Hon. Editor, Mr. H. V. Ahrbecker.

SECRETARY AND HON. LIBRARIAN.—In October your Council re-appointed Messrs. James S. Fitzmaurice and A. M. Howarth, as Secretary and Hon. Librarian respectively for the past year.

EXCHANGE OF PROCEEDINGS.—As will be seen by the appended list, the exchange of the Association's Proceedings with kindred Societies has resulted in some valuable additions to the Library, for which the Council take this opportunity of returning their thanks.
