

ENGINEERING ASSOCIATION

OF

NEW SOUTH WALES.

Established 1870.

Incorporated 1884

SESSION 1904-5.

PART I.

MINUTES OF PROCEEDINGS.

13TH OCTOBER, 1904.

MR. J. L. C. RAE, PRESIDENT, in the Chair.

INTRODUCTION OF NEW MEMBERS.—Mr. R. Rutherford was formally welcomed and introduced by the President.

DISCUSSION ON MR. JAMES MCGECHAN'S PAPER ON "IRRIGATION PLANT IN OPERATION ON A BUNDABERG SUGAR PLANTATION."—The discussion was read by the President.

ANNUAL REPORT AND BALANCE SHEET.—On the motion of the President, seconded by Mr. A. E. Lea, the Annual Report and Balance Sheet were adopted.

ANNUAL DINNER.—The President announced that it had been decided by the Council to hold the Annual Dinner on Friday, November 4th.

ANNOUNCEMENT OF RESULT OF BALLOT FOR ELECTION OF OFFICERS AND COUNCIL FOR THE ENSUING SESSION.—The President announced the result of this ballot as follows:—

PRESIDENT:

MR. J. SCULAR.

VICE-PRESIDENTS:

MR. W. H. GERMAN

MR. RUSSELL SINCLAIR

HONORARY TREASURER :

MR. JOHN SANDS.

HONORARY SECRETARY AND EDITOR :

MR. HENRY V. AHRBECKER.

MEMBERS OF COUNCIL :

MESSRS. H. ADAMSON	R. W. FINLAYSON
G. BOULTON	R. GRANT
H. J. DIAMOND	JAMES KIDD
E. J. ERSKINE	R. R. KING
R. R. FERRIER	

THE RETIRING PRESIDENT.—Mr. J. L. C. Rae then congratulated the new President on his election, and welcomed him to the Chair, which he vacated in his favour.

THE NEW PRESIDENT.—Mr. J. Scoular thanked the retiring President and members for having elected him to the position of President for the ensuing session, and trusted that with the assistance of the Council and members generally he would be enabled to carry out the duties pertaining to the office in a satisfactory manner, so as to maintain the position to which the Association had risen with credit, by endeavouring to promote the interests and welfare of the Association generally.

PAPER BY MR. J. W. FELL ON "WATER GAS."—Paper read.

Discussion opened by Mr. James Shirra, followed by Messrs. Charles Colton and Russell Sinclair.

Mr. Fell replied to the various points raised, after which, on the motion of the President, a vote of thanks was accorded Mr. Fell for the paper.

Mr. James Shirra proposed, and Mr. Russell Sinclair seconded a hearty vote of thanks to the retiring President, Mr. J. L. C. Rae, for the efficient and able manner in which he had discharged the duties of President for the past two years, which was carried by acclamation.

The meeting then terminated.

9TH MARCH, 1905.

MR. J. SCOULAR, PRESIDENT, in the chair.

The following Candidate was balloted for and duly elected.

MEMBER :

KARL EMIL FORKEL, Consulting Engineer, 87 York Street, Sydney.

PRESIDENTIAL ADDRESS.—The President then delivered his Presidential Address, which was of a highly instructive and interesting character, after briefly reviewing the work of the past Session, he referred to the loss the Association had sustained through the death of Mr. James Barnet, a highly respected member, which was deeply regretted, he also made mention of the scheme for delivery of a series of lectures on British Engineering and other subjects during the present Session. He spoke of the development that had taken place during the past 25 years in the Railways of this State, and gave some very interesting comparative statements as to the locomotives used in operating the traffic, mileage of railways opened, and the different types of engines introduced to provide for the increasing traffic, and the extension of new lines from 1879 to 1904. He also gave a very interesting description of the Railway Workshops at Eveleigh, showing the development and extension necessary to meet the increased work extending over a period of the past 25 years.

The address was illustrated by a series of diagrams and photographs.

The address was listened to with marked attention, and at its close a hearty vote of thanks was proposed by Mr. James Shirra, seconded by Mr. R. W. Finlayson and carried by acclamation, the President suitably responded and the meeting terminated.

13TH APRIL, 1905.

MR. J. SCOULAR, PRESIDENT, in the chair.

The following candidate was balloted for and duly elected :—

MEMBER :

MOSSOP ALLEN, Engineer, Alfred-st., North Sydney.

PAPER BY MR. JAMES W. BRAGG ON THE "JEFFREY CHAIN COAL CUTTING MACHINE."—Paper read and limelight illustrations on same explained by Mr. Bragg.

Mr. R. R. Ferrier proposed a hearty vote of thanks to Mr. Bragg for his paper, and moved that the discussion on same be adjourned until the next general meeting of the Association, which was seconded by Mr. H. J. Diamond and carried.

The meeting then terminated.

11TH MAY, 1905.

MR. J. SCOULAR, PRESIDENT, in the chair.

The following candidate was balloted for and duly elected :—

MEMBER :

DANIEL HARRIES, Machinery Merchant, 207 Crown-road, Pymont.

DISCUSSION ON MR. JAMES W. BRAGG'S PAPER ON THE "JEFFREY CHAIN COAL CUTTING MACHINE."—The discussion was opened by Mr. R. R. Ferrier, followed by Messrs. Russell Sinclair, A. J. Arnot, R. S. Vincent and F. Ernest Stowe.

The President then called on Mr. James W. Bragg, who replied to the various points raised.

The meeting then terminated.

13TH JULY, 1905.

MR. J. SCOULAR, PRESIDENT, in the Chair,

The following candidate was balloted for and duly elected :—

JOHN TELFER, Engineer, Farmers' and Dairymen's Milk Company, Harris-street, Pymont.

PAPER BY MR. JAMES SHIRRA ON "MODERN LIGHTHOUSE ILLUMINATION."—Paper read by Mr. Shirra. On the motion of Mr. W. H. German, seconded by Mr. Russell Sinclair, and supported by Mr. E. Kilburn Scott, a hearty vote of thanks was accorded Mr. Shirra for his paper.

Mr. SHIRRA having replied to the various questions, the meeting then terminated.

10TH AUGUST, 1905.

MR. J. SCOULAR, President, in the Chair.

PAPER BY MR. K. E. FORKEL, ON "THE SUCTION GAS PRODUCER, ITS EVOLUTION AND ECONOMICAL APPLICATION.—Paper read and diagrams explained by Mr. Forkel. On the motion of Mr. James Shirra, seconded by Mr. James Kidd, it was resolved that the discussion on Mr. Forkel's paper be postponed until the next monthly meeting.

The meeting then terminated.

14TH SEPTEMBER, 1905.

MR. J. SCOULAR, PRESIDENT, in the chair.

APPOINTMENT OF SCRUTINEERS (Ballot for Officers and Council for next Session—1905-6).—It was proposed by Mr. James Shirra, and seconded by Mr. A. J. Arnot, that Messrs. A. Christie and T. Brown be appointed.

Motion carried unanimously.

APPOINTMENT OF AUDITORS (to audit accounts for current Session).—It was proposed by Mr. William Marr, and seconded by Mr. J. W. Fell, that Messrs. H. J. Vale and R. R. King be appointed.

Motion carried unanimously.

DISCUSSION ON MR. K. E. FORKEL'S PAPER ON "THE SUCTION GAS PRODUCER: ITS EVOLUTION AND ECONOMICAL APPLICATION."—

The discussion was opened by Mr. James Shirra, followed by Messrs. A. J. Arnot, E. Kilburn-Scott, J. W. Fell, J. S. O. Roberts, J. S. Fitzmaurice, and Hines.

The President (Mr. Scoular) then said, before calling on Mr. Forkel he would suggest that his reply to the discussion should be deferred until the next General Meeting, as, owing to the lateness of the hour and the many points raised, it would be unfair to call on Mr. Forkel that evening, which was put to the meeting and carried.

The meeting then terminated.
