

# *Sydney University Engineering Society*

---



---

## ANNUAL REPORT.

---



---

Gentlemen: We have the honour to report concerning the operation of your Society for the Session 1913-14.

### ANNUAL GENERAL MEETING.

At the Annual General Meeting, held on April 30th, 1913, the Annual Report and Balance Sheet were read and adopted. The retiring President, Mr. J. Haydon Cardew, M. Inst. C.E., welcomed the incoming President, Mr. J. Vicars, M.E., to the chair, and delivered the Presidential Address.

### ATTENDANCE.

During the past Session, five Ordinary General Meetings were held, the average attendance being sixty-six (66) as against thirty-three (33) the previous Session.

### ORDINARY MEETINGS.

The following meetings were held:—

- (1) Paper on "Railway Interlocking,"  
Charles Wilkin, Interlocking Engineer to the  
N.S.W. Railways.
- (2) "Notes on Tramway Curves,"  
H. S. Mort, B.E.
- (3) Paper on the "Hunter River Flood of 1913,"  
H. H. Dare, M.E.
- (4) Paper on "The Linking of Sydney and North  
Sydney,"  
J. J. C. Bradfield, M.E.

- (5) Adjourned meeting. Discussion on "The Linking of Sydney and North Sydney."

### MEMBERS ON THE ROLL.

At the last Annual Meeting there were on the roll 294 ordinary members, 40 life members, and 12 honorary members, and during the past year, 25 ordinary members have been elected, while one has resigned.

### ATTENDANCE AT COUNCIL MEETINGS.

The number of Council Meetings held was six, at which the attendance was as follows:—J. Vicars, 3; T. P. Strickland, 5; W. H. Ledger, 1; F. A. Eastaugh, 5; H. M. Larkins, 4; H. A. Roberts, 5; H. G. Fry, 6; G. F. Sutherland, 4; W. E. Pike, 5; R. J. Boyd, 1; W. E. Cook, 3; J. P. V. Madsen, 2; J. H. Cardew, 0; B. Dowling, 2; C. A. Bourne, 4; J. L. Wright, 0; G. G. Callender, 3; F. D. Stafford, 3.

### EXCURSIONS.

During the year the Society, at the invitation of Messrs. Falkiner-Boll, P.E.S.M., Co., viewed a cinematographic film of the Müller Petrol Electric Railless Road Train. This proved a very interesting and instructive exhibit.

### FINANCIAL.

We submit herewith the Hon. Treasurer's Report on the financial position of the Society:—

Gentlemen,—

I have the honour to present to you the Balance Sheets for the year ending 31st March, 1914.

These show that the Society has a satisfactory credit balance.

GEO. F. SUTHERLAND, Hon. Treasurer.

20th April, 1914.

For the Council,—

J. VICARS, President.

H. G. FRY, Asst. Hon. Secretary.

## EXCHANGES.

We have much pleasure in acknowledging the receipt of the following:—

American Institute of Mining Engineers.  
 American Engineer and Railroad Journal.  
 American Society of Civil Engineers.  
 Australian Mining and Engineering Review.  
 Australian Official Journal of Patents.  
 Auto. Motor Journal.  
 Cement and Engineering News.  
 Commonwealth Year Book.  
 Engineering Record.  
 Engineer.  
 Electrical Review.  
 Electrical World.  
 Engineering Review.  
 Engineering Contracting.  
 Engineers' Club.  
 Engineering Association of New South Wales.  
 Franklin Institute.  
 Harvard Engineering Journal.  
 Institute of Mechanical Engineers.  
 Massachusetts Institute of Technology.  
 Mechanical Engineer.  
 Mining Institute of Scotland.  
 Mining Journal.  
 Mining World.  
 Mining and Scientific Press.  
 Michigan University Library.  
 Melbourne Varsity Engineer.  
 North of England Institute of Mining and Mechanical Engineers.  
 Queensland Government Mining Journal.  
 Royal Society of Victoria.  
 Salon.  
 School of Mines, Quarterly.  
 Surveyor.  
 Western Railway Club.





## GENERAL ACCOUNT, *Session 1913-14.*

### *Cash and Liabilities*

March 31st, 1914.	£	s.	d.		March 31st, 1914—To F. Clark, Printer—	£	s.	d.	£	s.	d.
Cash in hand and at Bank ... ..	219	5	9		Estimated cost of Printing and Publishing Journal of 1912-13	47	18	0			
					Estimated cost of Journal 1913-14	83	0	0			
					For Wrapping and Posting Galleys and General Printing... ..	5	7	2			
					Estimated Credit Balance ... ..				136	5	2
				£219 5 9					83	0	7
									£219	5	9

177

Audited and found correct,  
 ROBERT A. DALLEN  
 O. U. VONWILLER

GEO. F. SUTHERLAND,  
*Hon. Treasurer.*

## LIFE MEMBERSHIP ACCOUNT, *Session 1913-14.*

	£	s.	d.		£	s.	d.
Balance March 31st, 1913. ... ..	135	-5	3	Transfer of 10% to General Account, in accordance			
Interest for 1913 ... ..	4	19	5	with clause 33 ... ..	14	0	5
				Balance ... ..	126	4	3
	<u>£140</u>	<u>4</u>	<u>8</u>		<u>£140</u>	<u>4</u>	<u>8</u>

Audited and found correct,  
**ROBERT A. DALLEN.**  
**O. U. VONWILLER.**

29th April, 1914.

**GEO. F. SUTHERLAND,**  
*Hon. Treasurer.*

## PRIZE FUND, *Session 1913-14.*

	£	s.	d.		£	s.	d.
Balance on 31st March, 1913 and Interest to 1st				By prize to J. L. Wright ... ..	2	0	0
January, 1914 ... ..	10	19	2	Balance ... ..	8	19	2
	<u>£10</u>	<u>19</u>	<u>2</u>		<u>£10</u>	<u>19</u>	<u>2</u>

Audited and found correct,  
**ROBERT A. DALLEN.**  
**O. U. VONWILLER.**

29th April, 1914.

**GEO. F. SUTHERLAND,**  
*Hon. Treasurer.*