

INDEX.

VOL. IX.

1893-4.

A

Accounts of Receipts and Expenditure	xlvii
Accumulators, Hydraulic	40
Act of Incorporation	vii
Address, Presidential, by R. Pollock	1
Advancement in Marine Engineering	15
Aerial Navigation	18
Ahrbecker, H. V., re-elected Hon. Secretary and Editor	xxxvi
"Alathea," S.S.	82
Analysis of Fire-brick Clay	66
Annual Meeting	xxxv
Annual Report	xiii
Appendix to Rules and By-laws	xxi
Application of Electricity to Mining	12
Associates, List of	xxx
Auditor, Appointment of	xiii
Augment of Resistance of Steam	100
Auldjo, L. C., re-elected Member of Council	xxxvi

B

Balance Sheet, 1893-4	xlviii
Baum, R. E. F., elected Member	xxxv
Boilers, Water Tubes	16
Brickmaking in and around Sydney—Paper by J. Nangle	59
Bricks, Absorbtion of Water of	65
Bricks. Crushing Strength of	16

INDEX.

C

Cable Traction - - - - -	14
Canal, Manchester Ship - - - - -	22
" Captain Cook," S S. - - - - -	91
Central Lighting Station, Melbourne - - - - -	9
Christie, A., re-elected Member of Council - - - - -	xxxvi
Christie, A., Remarks on the Wet Extraction of Gold and Silver - - - - -	32
Christie, A., Remarks on Double-ended Screw Ferry Boats - - - - -	99
Communication, Original - - - - -	xliv
Cost of Electric Lighting - - - - -	9
Council, Election of - - - - -	xxxvi
Cruikshank, W. D., re-elected Member of Council - - - - -	xxxvi
Cruikshank, W. D., Remarks on the Wet Extraction of Gold and Silver - - - - -	25
Cruikshank, W. D., Remarks on Double-ended Screw Ferry Boats - - - - -	81
Crushing Strength of Bricks - - - - -	65

D

Dickinson, T., Notes on Hydraulic Power Supply - - - - -	38
Donations to the Library - - - - -	xxxii

E

Electric Lighting, Cost of - - - - -	8
Electricity to Mining, Application of - - - - -	12
Eskbank Ironworks - - - - -	21
Excursion to Eveleigh Workshops - - - - -	xlv
Excursion to " Daily Telegraph " Office - - - - -	xlv
Excursion to A. Hordern and Sons' Emporium - - - - -	xlvi
Excursion to North Sydney Power Station - - - - -	xlv
Excursion to Park and Lacey's Works - - - - -	xlv

F

Fischer, G., re-elected Member of Council - - - - -	xxxvi
Fischer, G., Remarks on Brickmaking - - - - -	67
Fuel Liquid - - - - -	17

INDEX.

H

High-Pressure Steam Pumping Engines - - - - -	39
Honorary Members, List of - - - - -	xxix
Howarth, A. M., Remarks on Hydraulic Power Supply - - - - -	52
Hydraulic Accumulators - - - - -	40
Hydraulic Mains and Connections - - - - -	42

I

Incorporation, Act of - - - - -	vii
International Irrigation Congress - - - - -	7
Irrigation Congress, South Gila - - - - -	7

K

"Kangaroo," S.S. - - - - -	83
Kidd, H., elected Member of Council - - - - -	xxxvi
Kidd, H., Remarks on the Wet Extraction of Gold and Silver - - - - -	31
Kidd, H., Remarks on Hydraulic Power Supply - - - - -	52

L

"Lady Manning," S.S. - - - - -	70
"Lady Mary," S.S. - - - - -	72
Library, Donations to - - - - -	xxxii
List of Members - - - - -	xxv
List of Associates - - - - -	xxx
List of Honorary Members - - - - -	xxix
List of Students - - - - -	xxx
Ludowici, E. H. J. C., elected Member - - - - -	xxxv

M

Manchester Ship Canal - - - - -	22
Marine Engineering, Advancement in - - - - -	15
Massey, G., re-elected Vice-President - - - - -	xxxvi
McCoy, R. W. W., elected Associate - - - - -	xxxviii
Melbourne Central Lighting Station - - - - -	9
Members, List of - - - - -	xxv
Meters, Water - - - - -	47

INDEX.

N

Nangle, J., Paper on Bricks and Brickmaking	57
Napier, J., elected Member	xxxviii
Navigation, Aerial	13
Nelson, A. D., re-elected Vice President	xxxvi
Nelson, A. D., Remarks on the Wet Extraction of Gold and Silver	31
Nelson, A. D., Remarks on Hydraulic Power Supply	51
"Notes on Hydraulic Power Supply," Paper by T. Dickinson	38
"Notes on the Design and Construction of Double-ended Screw Ferry Boats," Paper by W. Reeks	68

O

Oil Fuels	17
Original Communications	xliv

P

Phonographs	11
Pollock, R., re-elected President	xxxvi
Pollock, R., Presidential Address	1
Pollock, R., Remarks on the Wet Extraction of Gold and Silver	36
Pollock, R., Remarks on Hydraulic Power Supply	53
Pollock, R., Remarks on Bricks and Brickmaking	67
Presidential Address by R. Pollock	1
Progressive Trials of Steamers	88

R

Receipts and Expenditure, Accounts of	xlvii
Reeks, W., Paper on Double-ended Screw Ferry Boats	68
Report, Annual	xliv
Resistance, Augment of	100
Result of Trials of S.S. "Kangaroo"	84
Result of Trials of S.S. "Captain Cook"	95
Rorke, B., elected Member	xli
Rules and By-laws	xiv
Rules and By-laws, Appendix to	xxi

INDEX.

S

Sands, J., re-elected Hon. Treasurer	- - - - -	xxvi
Selfe, N., elected Member of Council	- - - - -	xxvi
Selfe, N., Remarks on the Wet Extraction of Gold and Silver	- - - - -	31
Selfe, N., Remarks on Hydraulic Power Supply	- - - - -	51
Selfe, N., Remarks on Double-ended Screw Ferry Boats	- - - - -	102
Sewerage Outfall Works, Western Suburbs	- - - - -	20
Some Improvement in the Wet Extraction of Gold and Silver—Paper by Dr. J. Storer	- - - - -	25
Storer, J., Paper on the Wet Extraction of Gold and Silver	- - - - -	25
Students, List of	- - - - -	xxx

T

Telautograph	- - - - -	11
Telephony	- - - - -	10
Tower Bridge	- - - - -	22
Traction, Cable	- - - - -	14
Traction, Electric	- - - - -	12

W

"Wallaby," S.S.	- - - - -	82
"Waringa," S.S.	- - - - -	86
Water Meters	- - - - -	47
Water Tube Boilers	- - - - -	16
Western Suburbs Sewerage Outfall Works	- - - - -	20
White, Henry, elected Associate	- - - - -	xli

LIST OF PLATES.

Wet Extraction of Gold and Silver	- - - - -	I
Hydraulic Power Supply	- - - - -	II to XII
Double-ended Screw Ferry Boats	- - - - -	XIII to XVII