

I N D E X .

VOL. VIII.

1892-3.

A

	PAGE.
A Review of Marine Engineering During the Past Decade, Reply to Discussion by A. Blechynden - - -	154
Account of Receipts and Expenditure - - -	xlviii
Act of Incorporation - - - - -	vii
Ahrbecker, H. V., Re-elected Hon. Secretary and Editor -	xxxiv
Ahrbecker, H. V , Vote of Thanks to - - - -	xxxv
Aluminium - - - - -	12
Annual Meeting, 1892 - - - - -	xxxiii
Annual Report, 1893 - - - - -	xliii
Appendix to Rules and By-laws - - - - -	xxi
Arlberg Tunnel - - - - -	3
Associates, List of - - - - -	xxix
Auldjo, L. C., Elected Member of Council - - -	xxxiv
Auditors, Appointment of - - - - -	xli
Auldjo, L. C., Remarks on Refrigerating Machinery -	141

B

Balance Sheet, 1892-93 - - - - -	xiiiv
Blechynden, A., Reply to Discussion - - - -	154
Boilers, Tubulous - - - - -	11
Boilers, Factor of Safety of - - - - -	11
Brooklyn Suspension Bridge - - - - -	4
Brennand, J. H., Elected Student - - - - -	xxxvi
By-laws and Rules - - - - -	xliii

C

	PAGE.
Cable Machinery for Street Railways, Paper on, by T. Irons	102
Cable Drums, Wear on	107
Cable Railways, List of	112
Christie, A., Elected Member of Council	xxxiv
Communications, Original	xlv
Council, Election of	xxxiv
Cruikshank Elected Member of Council	xxxiv
Cruikshank, W. D., Remarks on the Relative Position of the Architect, Engineer and Builder in Modern Works	59
Cruikshank, W. D., Remarks on Railway Brakes	99
Cruikshank, W. D., Remarks on Refrigerating Machinery	148
Cracknell, E. C., Death of	158

D

Diamond, P., Paper, "Some Notes on Dynamo Driving by Compound Engines"	xxxiv
Donations to the Library	xxxi
Dynamo Driving, Notes on, by P. Diamond	xxxiv

E

Economy of Fuel	10
Electric Transmission of Power	14
Excursion to Zollner's Ironworks	xlvi
Excursion to Sewerage Outfall Works	xlvi

F

Factor of Safety of Boilers	11
Ferguson, junr., Thomas, Elected Member	xxxvii
Fischer, G., Elected Member of Council	xxxiv
Fischer, G., Remarks on the Ornamental Treatment of Bricks and Iron	40
Frozen Meat Trade	7
Franklin, F. A., Remarks on Refrigerating Machinery	148
Fuel, Economy of	10

G

Grant, J., Death of	159
-------------------------------	-----

H

	PAGE.
Haycroft, J. I., Remarks on Railway Fish Joints - - -	28
Hargrave, L., Elected Member of Council - - -	xxxiv
Heberline Automatic Friction Brake - - -	88
Heat, Transmission of - - - - -	156
and Iron - - - - -	40
Howarth, A. M., Paper by, on Railway Fish Joints - -	18
Honorary Members, List of - - - - -	xxix
Humphrey Automatic Air Brake - - - - -	90
Hunt, Horbury, Remarks on the Relative Position of the Architect, Engineer and Builder in Modern Works -	60
Hunt, Horbury, Remarks on the Ornamental Treatment of Bricks	
Hudson, H., Elected Member - - - - -	xxxii
Hudson, H., Death of - - - - -	159

I

Incorporation, Act of - - - - -	vii
Irrigation - - - - -	8
Irons, T., Paper by, on Cable Machinery for Street Railways -	102

J

Jones, W., Remarks on the Relative Position of the Architect, Engineer and Builder in Modern Works - - -	58
---	----

K

Keith, A., Elected Member - - - - -	xxxiii
-------------------------------------	--------

L

Library, Donations to - - - - -	xxx i
List of Associates - - - - -	xxix
List of Honorary Members - - - - -	xxix
List of Members - - - - -	xxvi
List of Students - - - - -	xxix
London Sewerage - - - - -	6
Long Bay Suspension Bridge - - - - -	4

M

	PAGE.
Mansfield, G. A., Remarks on the Ornamental Treatment of Bricks and Iron - - - - -	39
Mansfield, G. A., Remarks on the Relative Position of the Architect, Engineer and Builder in Modern Works -	53
Massey, G., Elected Vice-President - - - - -	xxxiv
McAdam, J., Remarks on Refrigerating Machinery -	147
McPherson, R. D., Elected Member - - - - -	xxxiii
Members, List of - - - - -	xxvi
Mont Cenis Tunnel - - - - -	3
Morse, R., Paper by, on Railway Brakes - - - - -	71

N

Nangle, J., Remarks on the Relative Position of the Architect, Engineer and Builder in Modern Works - -	59
Nangle, J., Notes on the Ornamental Treatment of Bricks and Iron in New South Wales - - - - -	29
Nelson, A. D., Remarks on Refrigerating Machinery - -	148
Nelson, A. D., Remarks on the Relative Position of the Architect, Engineer and Builder in Modern Works - -	54
Nelson, A. D., Elected Vice-President - - - - -	xxxiv
Nicolle, W. E. H., Elected Member of Council - - - - -	xxxiv
Niagara Falls Power Station - - - - -	15
Noyes, Edward, Elected Member - - - - -	xl

O

Oakshott, C., Remarks on the Relative Position of the Architect, Engineer and Builder in Modern Works - -	54
Original Communications, 1892-93 - - - - -	xlv

P

Pollock, R., Remarks on the Ornamental Treatment of Bricks and Iron - - - - -	40
Pollock, R., Presidential Address by - - - - -	1
Pollock, R., Elected President - - - - -	xxxiv
Power, Electric Transmission of - - - - -	14
Power Station, Niagara Falls - - - - -	15
Poetsch Freezing Process - - - - -	7
Presidential Address by R. Pollock - - - - -	1

R

	PAGE.
Railway Brake, Saunder's Vacuum - - - -	76
Railway Brake, Vacuum Company's - - - -	76
Railway Brake, Westinghouse - - - -	78
Railway Brake, Heberline Automatic Friction - - - -	88
Railway Brake, Humphrey, Air - - - -	90
Railway Brakes, Paper on, by R. Morse - - - -	71
Railway Fish Joints, Paper on, by A. H. Howarth - - - -	18
Railway Fish Joints, Remarks on, by J. I. Haycroft - - - -	28
Railway Fish Joints, Remarks on, by J. Vicars - - - -	28
Refrigerating and Ice-making Machinery, Paper on, by R. Sihclair	113
Report, Annual - - - -	xlili
Receipts and Expenditure - - - -	xlvii
Rules and By-laws - - - -	xliii
Rules and By-laws, Appendix to - - - -	xx

S

Sands, J., Re-elected Hon. Treasurer - - - -	xxxiv
Saunder's Automatic Vacuum Brake - - - -	76
Selfe, Norman, Paper by, on the Relative Position of the Archi- tect, Engineer and Builder in Modern Works - - - -	41
Sewerage Outfall Works, Arncliffe - - - -	5
Sewerage, London - - - -	6
Sinclair, R., Paper by, on Refrigerating and Ice-making Machinery	113
Some Notes on the Ornamental Treatment of Bricks and Iron in New South Wales, Paper by J. Nangle - - - -	29
Stone J. J., Remarks on the Relative Position of the Architect, Engineer and Builder in Modern Works - - - -	58
Stobo, A., Elected Member - - - -	xxxvi
Students, List of - - - -	xxix
St. Gothard Tunnel - - - -	3
Suspension Bridge, Brooklyn - - - -	4
Suspension Bridge, Long Bay - - - -	4

T

The Relative Position of the Architect, Engineer and Builder in Modern Works, Paper by Norman Selfe - - - -	41
Transmission of Heat - - - -	156
Tunnel, Mont Cenis - - - -	3

	PAGE
Tunnel, St. Gothard - - - - -	3
Tunnel, Arlberg - - - - -	3
Tubulous Boilers - - - - -	11

V

Vacuum Company's Automatic Brake - - - - -	76
Vicars, J., Remarks on Railway Fish Joints - - - - -	28

W

Walker Drums - - - - -	107
Westinghouse Brake - - - - -	78
Wear on Cable Drums - - - - -	107
Wildridge, J., Remarks on Refrigerating Machinery - - - - -	148

LIST OF PLATES.

	PLATE.
Fish Joints - - - - -	I and II
Railway Brakes - - - - -	III to VII
Cable Traction - - - - -	IX to XV
Refrigerating Machinery - - - - -	XIV to XVI