

# INDEX.

VOL. III.

1887-1888.

## A

"Aberdeen" s.s	11
Account of Receipts and Expenditure	xxxv
Act of Incorporation	
Address, President's	
Adjourned Discussion on "The Centennial Hall Girders"	54
Adjourned Discussion on "A Triple-effet Apparatus"	113
Air Compressors, Sturgeon's	28
"Alathea" s.s	
Ahrbecker, Henry V., Elected Members	xli
American Specification for Bridge Work	46
Annual Meeting, 1887	xxxii
Annual Report	xxxii
Apparatus for Obtaining Fresh Water, L. C. Auldjo	36
Appendix to Rules and By-laws	
Appleby's Hydraulic System of Sewerage	33
Appointment of Auditors	xlvi
Associates, Election of	xxxix, xlvi
Atlas Engineering Company's Dock	116
Auditors, Appointment of	xlvi
Auldjo, L. C., on a "Fresh Water Distiller"	36
"Austral" s.s	11

## B

Balance Sheet	xxxvi
Barlow, Specification of New Tay Bridge	46
Bennett, F., Prize Essay	xlii
Bedforth, J. H., Elected Member	xxxii
Berkley, Specification of Bombay Passenger Station	45
Brown, S., Elected Student	xliii
Brown, Thos., Elected Member	xliii
By-laws and Rules	xiii

## C

Cameron, C. G., elected Member	xxxviii
Cardew, J. J., elected Member	xlili
Centennial Celebrations	xl
Centennial Celebrations Committee	xl
"Centennial," s.s.	87
Charcoal Filters	96
Christie, A., Remarks on "Our Harbour Steamers"	83
Chlorination Process	94
Clarke, G., elected Member	xliv
Cockatoo Dock, Excursion to	xl
Colonial Sugar Refining Co., Ltd., Excursion to	xl
Colonial Sugar Refining Co., Ltd., Triple-effet Apparatus at	109
Combustion, E. C. Stables on	120
Compressed Air for Elevating Sewerage	63
Compressing Air, Table of Work done in	131
Compressors, Air, Sturgeon's	82
Compressors, Air, Megarski's	131
Contents	iii
Copper	96
Cruickshank, W. D., "Our Harbour Steamers"	83
Council, List of Members of	xxxv

## D

Designs for Public Works, Motion <i>re</i> , by Mr. A. D. Nelson	xlvi
Diamond, J., on Judge's ruling	59
Discussion on Judge Owen's ruling <i>re</i> Town Hall Girders	39
Dock, Hydraulic Pontoon, Description of	115
Donations to Library	xxx
Dry-crushing of Minerals	94
Dunn, J. McG., on Judge's ruling	47

## E

Eastbourne, Shones' system at	28
Economy in use of Compressed Air to Elevate Sewerage	103
Election of Officers 1887-88	liii
"Emperor," s.s.	77
Essay, Prize offered by Mr. F. Bennett for	lix
Excursion to Hawkesbury Bridge, works in progress	lix
Excursion to Illawarra Railway, works in progress	lix
Excursions, Centennial	lix
Exhibition Proposed, to be postponed	lix

## F

Ferrier, R. R., elected Student	xxxix
Fischer, G., Presentation to	xxxvii
Fischer, G., on Judge's ruling <i>re</i> Town Hall Girders	55
Flying Machine, L. Hargraves'	xlii
Foote, Jas., elected Member	xliv
Fowler's, Sir John, Specification of Pimlico Bridge	50
Fresh-water Distiller, L. C. Auldjo	36

## G

General Meetings, Minutes of	xxxviii to xlvi
"Genesta," s.s.	83
German, W. H., elected Member	xxxviii
German, W. H., Remarks on Triple-effet Apparatus	117
Gold, Loss of in Stamp Batteries	92

## H

Hargraves, L., elected Librarian	xxxviii
Hargraves, L., Flying Machine shown by	xlii
Hawkesbury Bridge, Excursion to	xxxix
Hawkshaw's, Sir J., Specification for Londonderry Bridge	50
Haycroft, J. J., elected Member	xxxviii
Henley-on-Thames, System of Sewerage at	26
Henson, J. H., Paper on Shone's System of Sewerage	20
Hinder, H. E. A., elected Member	xxxix
Hydraulic System of Sewerage	33

## I

Iron, Brands of Staffordshire	39
Iron, Tests of	52

## J

Jenny, Prof., Tests of Iron	56
Jumna Bridge, Specification of	50

## K

Kennedy, Lt. Col., Taptee Viaduct, Specification of	50
Kernot, Prof., Remarks on Judge's ruling	49
Key, G. A., on "Our Harbour Steamers"	83
Key, G. A., on Judge's ruling	46
Kidd, Hector, Description of Tripe-effet Apparatus	100

<b>L</b>	
Leaching Vat - - - - -	96
Lead - - - - -	90
Library, Donations to - - - - -	xxx
List of Members, Associates, and Students	xxvi
Loss of Gold in Stamp Batteries	92
<b>M</b>	
McKay, Angus, Remarks on Triple-effet Apparatus - - - - -	110
McKechnie, C., elected Member - - - - -	xxxviii
McNab, F. C., elected Student - - - - -	xxxviii
Mechanical Stoking - - - - -	10
Megarski's Air Compressor - - - - -	31
Minerals, Pyretic - - - - -	94
Mining Metalliferous, Mechanical Aspects of, Storer Dr. J. - - - - -	90
Morell G. A., the Late - - - - -	xlv
Morland, J. O., elected Member - - - - -	xliv
Morse, R., Remarks on "Our Harbour Steamers" - - - - -	88
Mount Morgan Ores - - - - -	95
<b>N</b>	
Nelson, A. D., Remarks on Judge's ruling - - - - -	48
Nelson, A. D., Resolution moved by, <i>re</i> Judge's ruling - - - - -	59
Nelson, A. D., Resolution moved by, <i>re</i> Designs for P. Works - - - - -	xlv
Newton, W. W., elected Member - - - - -	xliv
Nicolle, W. E. H., appointed Secretary - - - - -	xxxviii
<b>O</b>	
"Our Harbour Steamers," Paper on, by Mr. H. Selfe - - - - -	61
Owen, Judge, his ruling on Town Hall Girders discussed - - - - -	39
<b>P</b>	
Papers, List of - - - - -	iv
Platts, W., elected Member - - - - -	xxxviii
Pneumatic System of Sewage - - - - -	28
Presentation to Mr. G. Fischer - - - - -	xxxviii
President, Remarks on Triple effet Apparatus - - - - -	113
President, W. D. Cruickshank, elected - - - - -	xxxvii
Presidential Address - - - - -	1
President's Remarks on Judge's Ruling - - - - -	44
President's Remarks on "Our Harbour Steamers" - - - - -	84
Pollock, R., Remarks on Judge's Ruling - - - - -	47
Pollock, R., Remarks on "Our Harbour Steamers" - - - - -	88
Pollock, R., Remarks on Triple-effet Apparatus - - - - -	111
Poole, W., elected Member - - - - -	xxxix
Public Works, Resolution <i>re</i> Designs for - - - - -	xlv

## R

Rendal, Messrs, Specification for Jumna Bridge	50
Report, Annual	xxxi
Reverberatory Furnace	95
Roasting Ores	95
Robertson, D. C., elected Member	xlvi
Robinson, H. E., elected Student	xlvi
Rudolph, J. H., elected Member	xlii

## S

Sands, R., elected Associate	
Selfe, Henry, Remarks on Judges Ruling	44
Selfe, Henry, Paper on "Our Harbour Steamers"	61
Selfe, Norman, Remarks on Judge's Ruling	53
Shellshear, W., Remarks on Judge's Ruling	44
Shone, Hydro-pneumatic System of Sewerage	26
Southport, Mr. Shone's Proposed Scheme of Sewerage	26
Stables, E. C., Paper on "Combustion of Coal"	120
Steam and Steam Navigation	6
Storer, Dr. J., Paper on "Mechanical Aspects of Mining"	90
Sydney Proposed Scheme of Sewerage	32
Summerbell, Thomas, elected Associate	xxxvi

## T

Table of work done in Compressing Air	31
Tests of Iron	52
Thompson, Max, remarks on Judge's Ruling	58
Thompson, J. R., description of Atlas Engineering Co's. Pontoon Dock	116
Tin	90
Triple-effet Apparatus, Description of	100

## V

Van-de-Velde's remarks on Triple-effet Apparatus	109
--	-----

## W

Wade, L. A. B., elected Student	xli
Warren, Prof. W. H., on Judge's Ruling	50
Warren, Prof. W. H., on Pneumatic and Hydraulic Systems of Sewerage	28
Webb, J. A., elected Student	xliv
Water Carriage System of Sewerage	21
Wildridge, J., remarks on "Our Harbour Steamers"	83
Wilkinson, A. H. elected Student	

LIST OF ILLUSTRATIONS.

Hydraulic System of Sewerage, Appleby	i
Hydro-pneumatic System of Sewerage, Shone's	i
Fresh Water Distiller, L. C. Auldjo	ii
Our Harbour Steamers, by Selve	iii, iv
Triple-effet Apparatus, Hector Kidd	v, vii

PLATE

Table of work done in Compressing Air	31
Tests of Iron	32
Thompson, Max. remarks on Judge's Rating	38
Thompson, J. R., description of Airs Engineering Co's Portable Jack	116
Triple-effet Apparatus, Description of	190
Van der Veldt's remarks on Triple-effet Apparatus	199
Wade, D. A. B., elected Student	21
Warden, Prof. W. H., on Judge's Rating	21
Warden, Prof. W. H., on Pneumatic and Hydraulic Systems of Sewerage	28
Ward, J. A., elected Student	21
Water, Carriage system of powerage	21
Whitton, A. H., elected Student	28

