Vol. X.

1894-5.

Α

						PAGE
Accounts of Receipts and Exper	aditure	-			-	xlvii
Act of Incorporation -	-	-	-			vi
Address, Presidential -	-	-	-	-		1
Ahrbecker, H. V., re-elected Ho	on. Secr	etary a	nd Edi	tor -		xxxii
American Hoist	-	-		-	-	14
Anderson, John, elected Member	er		•	-	-	х
Annual Meeting	-	-				xxxii
Annual Report	-	-	-	-	-	xlii
Appendix to Rules and By-Law	rs	-	-	-		xx
Associates, List of		-		-	-	xxix
Auldjo, L C., Paper on Mechan	nical Re	frigera	tion	-		40
Auldjo, L. C., elected Member	of Coun	cil	-	-		XXXV
						•
•	Е	3				
Boiler Inspection Bill -		-	-	-	-	10
Burge, R., Remarks on Sub-Aq	ueous V	iaduct		-		108
	С	,				
Chambers, Edward, elected Stud	lent		-			xxxvij
Charcoal, Weight of -	-		-	-	-	46
Col. Sugar Coy's Refining Work	s, Visit	to	-	-	-	xlv
Communications, Original	-	-	-			xliv
Controlling Gear for Lifts	-	-	-			29
Cost of Shipping Fruit		-	-	-	-	69
Council, Election of		-		,	-	xxx

(3				
					PAGE
Cruickshank, W. D., re-elected Vice-Pr			•	•	XXXV
Cruickshank, W. D., Remarks on Hot			7	•	87
Cruickshank, W. D., Remarks on Mech		_		•	51
Cruickshank, W. D., Remarks on Sub-	Aqueous	v Viadu	ct -	-	107
Cushion, Pneumatic	-	-	-	•	27
Cushion, Hydraulic	-	•	-	-	27
Б					
Death of Mr. William Scott	'-		-	-	124
Death of Mr. James Richmond -				-	124
Direct-Acting Hydraulic Lifts -		-			19
Dickinson, T., Remarks on Hydraulic I	Lifts				37
Donations to Library	_			-	XXX
•					
Ε					
Eales, John Gresley, elected Member	-	-	-	-	xxxvii
Election of Officers, Session 1894-95	-	-	-	-	XXXV
Election of Council	-		-	-	xxx
Excursion to the Technical College					xxxix
Excursion to Fresh Food and Ice Co 's	Works	-		-	xl
Excursion to the Ocean-street Power H	louse		-	-	xlv
Excursion to the Sydney University	-	-	-		xlv
Excursion to Port Jackson Fortification	8 -	-		-	xlvi
Excursion to J. Vicars & Co.'s Woollen	Factor	y		-	xlv
Excursion to Col. Sugar Coy's Refining	\mathbf{W} orks		•	•	xlv
_	_				
F					
Fischer, G., elected Member of Council		-	-	•	XXXV
Fitzmaurice, J. S., Remarks on Roof Co			•	-	95
Fitzmaurice, J. S., Remarks on Hydrau	ılic Lift	8	-	•	38
Fixtures, Law of	-	-	•	-	
Ford, Herbert M., elected Member	-	•	•	•	xxxvi
Fortier, Charles, elected Member	•	-	•	•	X
Fortifications, Visit to Port Jackson	-	•	•	-	xlvii
Franki, R. J. N., elected Student	-	-	-	-	xxxvii
Fresh Food and Ice Co.'s Works, Excu	rsion to	-	•	-	xli
Friction Gear, Robertson's	-		-	-	18
Dwit Clast of Shipping					RO

			G				
a							PAGE
Gear, Controlling, for Li		٠.			-	•	29
Grimshaw, W., Remarks	on Sul	o -A .q	ueous Vi	aduct	•	-	109
			Н				
Hand Hoist -	-	-	-	-	-		15
Haycroft, J. I., Remark	s on Su	ıb-A	queous V	iaduct		-	109
Hoist, American -			-	-		-	15
Hoist, Hand -			-		-	-	15
Hoist, Screw -			-	-		-	17
Honorary Members, List	of		-	-		-	xxviii
Hot Water Supply, Pape	r by W	. Na	pier on	-	-	-	78
Howarth, A. M., elected			_	-		-	xxxvi
Howarth, A. M., Paper of	n Sub-	-Aqu	eous Via	duct		-	97
Howarth, A. M., Remark	s on R	oof (Coverings	-	٠.	-	95
Hydraulie Cushion	-	-		-			27
Hydraulic Jiggers		-	-	-	-	-	19
Hydraulic Lifts, Direct-A	cting	-	-		-	-	19
Hydraulic Lifts -	-		-	-	-	-	18
Hydraulic Valve		-	-	-	-		28
Hydraulic Safety Gear			-	-	-	•	27
•							
			1				
Incorporation, Act of		-	-	-	-	-	vii
Infusorial Earth Weight	of		_	-	-	-	46
_							
_			J				
Jiggers, Hydraulic	• ,	-	•	-	•	-	19
			K				
Keating, Augustus, electe	ed Stud	lent	-	-	-		x li
Kidd, Hector, elected Me	mber o	of Co	ouncil	-	-	-	xxxvi
			L				
Law of Fixtures	-		-	-		-	3
Lifts, Hydraulic -		-		-	-	-	18
Library, Donations to					_		XXX

Lodder, Albert John, elected Student .

	M				PAG
Manning, Richard, elected Member	-	-	-	-	x l
Massey, G., elected Vice-President	-	-	-	-	XXXV
McRae, George, elected Member		-		-	xxxvii
Mechanical Refrigeration, Paper on	-	-	-	-	40
Members, List of	-	-	-	-	IX
Morse, R., Remarks on Hydraulic L	ifts	-		-	3
	N				
Nangle, J., Paper on Roof Coverings	b y	-			88
Napier, W., Paper on Hot Water Su	pply	-	-	-	78
Napier, W., Remarks on Hydraulic	Lifts	-		-	38
Nelson, A. D., elected President -	-	-			xxxv
Nelson, A. D., Remarks on Roof Co	verings	-		-	98
Nisbet, William Holmes, elected Me	mber	-	-	-	x
	0				
Observatory, Visit to the Sydney	٠.	-		-	xlvi
Ocean Street Power House, Excursion	on to	-			xlx
Officers, Election of, Session 1894-95				-	xxxv
Original Communications -	-			-	xliv
	Р				
Pickburn, Percy Oswald, elected Stu	dent	-			xxxix
Pneumatic Cushion	-	-			27
Pollock, R., elected Member of Coun	icil -	-		-	xxxv
Pollock, R, Remarks on Roof Cover	rings	-		-	95
Postle, R. D., Remarks on Mechanic	al Refri	geration	-	-	75
Public Works Office Lifts	-	-	-	-	18
Pumice Stone, Weight of	-	-		-	46
Presidential Address	-	-	-	-	1
	R				
Receipts and Expenditure, Accounts	of			-	Tlviii
Refrigeration, Paper on Mechanical	-	-		-	40
Report, Annual	-	-		-	xlii
Richmond, Mr. James, Death of	-	-		-	124
Rise and Progress of Lift Construct	tion in	New Son	ath W	ales,	
Paper by Norman Selfe, on	-	-	-	-	12
Robertson's Friction Gear	-	-	-	-	13
Roof Coverings, Paper on, by J. Nan	igle	-	-	-	88
Rules and By-Laws	-	-		-	xiii

Sack Tackle 12	S							
Sands, J., re-elected Hon. Treasurer xxxvi Scott, Mr. William, Death of 124 Screw Hoist 17 Selfe, Norman, Remarks on Hydraulic Lifts 38 Selfe, Norman, Remarks on Mechanical Refrigeration 60 Selfe, Norman, Remarks on Hot Water Supply 78 Selfe, Norman, Remarks on Sub-Aqueous Viaduct 111 Selfe, Norman, Remarks on Sub-Aqueous Viaduct 111 Selfe, Norman, Paper on the Rise and Progress of Lift Construction in New South Wales 12 Stockwell, Charles, elected Member xl Students, List of xxix Sub-Aqueous Viaduct across Sydney Harbour, Paper by A. M. 40 Howarth, on 97 Sydney University, Visit to xxix Technical College, Excursion to xxxix Technical College, Excursion to xxxix Tiles, Water Absorption of Tiles W Weight of Charcoal 46 Weight of Pumice Stone 46 Weight of Infusorial Earth 46 Weight of, Remarks on Mechanical Refrigeration 69 Wilson, Albert, elected Student xli	Sack Tackle		-		-	-	12	
Scott, Mr. William, Death of 124	Safety Gear, Hydraulic	-			-		27.	
Serew Hoist	Sands, J., re-elected Hon. Treasu	rer	-	-			xxxvi	
Selfe, Norman, Remarks on Hydraulic Lifts	Scott, Mr. William, Death of	•	-	-	_	-	124	
Selfe, Norman, Remarks on Mechanical Refrigeration	Screw Hoist	-	-		-	-	17	
Selfe, Norman, Remarks on Hot Water Supply 78 Selfe, Norman, elected Member of Council xxxvi Selfe, Norman, Remarks on Sub-Aqueous Viaduct 111 Selfe, Norman, Paper on the Rise and Progress of Lift Construction in New South Wales 12 Stockwell, Charles, elected Member xl Students, List of xxix Sub-Aqueous Viaduct across Sydney Harbour, Paper by A. M. 97 Howarth, on 97 Sydney University, Visit to xxixix Technical College, Excursion to xxixix Tiles, Water Absorption of 94 Valve, Hydraulic 28 Weight of Charcoal 46 Weight of Pumice Stone 46 Weight of Infusorial Earth 46 White, Albert W., elected Member xl Wildridge, John, Remarks on Mechanical Refrigeration 69 Wilson, Albert, elected Student xli Woollen Factory, Visit to J. Vicars & Co.'s xlvi LIST OF PLATES. PLATE Lift Construction 1 to XVIIA Mechanical Refrigeration XVIII to XXXI Hot Water Supply XXVIII to XXXI	Selfe, Norman, Remarks on Hydr	raulic I	Lifts		-	-	38	
Selfe, Norman, elected Member of Council xxxxii	Selfe, Norman, Remarks on Mech	nanical	Refrige	ration		-	. 60	
Selfe, Norman, Remarks on Sub-Aqueous Viaduct 111	Selfe, Norman, Remarks on Hot	Water	Supply		-	-	78	
Selfe, Norman, Remarks on Sub-Aqueous Viaduct 111	Selfe, Norman, elected Member o	f Coun	cil		_	-	xxxvi	
Struction in New South Wales	Selfe, Norman, Remarks on Sub-	A queou	s Viadu	ıct		-	111	
Stockwell, Charles, elected Member xl	Selfe, Norman, Paper on the R	ise and	Progre	ess of	Lift	Con-		
Students, List of xxix	struction in New South	Wales		-		-	12	
Sub-Aqueous Viaduct across Sydney Harbour, Paper by A. M. Howarth, on	Stockwell, Charles, elected Memb	er				-	xl	
Howarth, on	Students, List of		-		-	-	xxi x	
Howarth, on	Sub-Aqueous Viaduct across Syd	lney H	arbour,	Paper	by A.	. M.		
Technical College, Excursion to			-				97	
Tiles, Water Absorption of V Valve, Hydraulic V Water Absorption of Tiles V Weight of Charcoal • • • • • • • • • • • • • • • • • • •	Sydney University, Visit to				-	-	xlvi	
Tiles, Water Absorption of V Valve, Hydraulic V Water Absorption of Tiles V Weight of Charcoal • • • • • • • • • • • • • • • • • • •		Т						
Valve, Hydraulic V Valve, Hydraulic V V V V V V V V V	Technical College, Excursion to	•	-	-	-	-	xxxix	
Water Absorption of Tiles	Tiles, Water Absorption of	-		-	-		94	
Water Absorption of Tiles		V						
Weight of Charcoal 46 Weight of Pumice Stone 46 Weight of Infusorial Earth 46 White, Albert W., elected Member xl Wildridge, John, Remarks on Mechanical Refrigeration 69 Wilson, Albert, elected Student xli Woollen Factory, Visit to J. Vicars & Co.'s xlvi LIST OF PLATES. PLATE Lift Construction I to XVIIA Mechanical Refrigeration XVIII to XXVI Hot Water Supply XXVIII to XXX	Valve, Hydraulic		-	•	-	-	28	
Weight of Charcoal 46 Weight of Pumice Stone 46 Weight of Infusorial Earth 46 White, Albert W., elected Member xl Wildridge, John, Remarks on Mechanical Refrigeration 69 Wilson, Albert, elected Student xli Woollen Factory, Visit to J. Vicars & Co.'s xlvi LIST OF PLATES. PLATE Lift Construction I to XVIIA Mechanical Refrigeration XVIII to XXVI Hot Water Supply XXVIII to XXX		W						
Weight of Pumice Stone 46 Weight of Infusorial Earth 46 White, Albert W., elected Member xl Wildridge, John, Remarks on Mechanical Refrigeration 69 Wilson, Albert, elected Student xli Woollen Factory, Visit to J. Vicars & Co.'s xlvi LIST OF PLATES. PLATE Lift Construction I to XVIIA Mechanical Refrigeration XVIII to XXXVI Hot Water Supply XXVIII to XXX	Water Absorption of Tiles	,	-	-		-	94	
Weight of Infusorial Earth White, Albert W., elected Member Wildridge, John, Remarks on Mechanical Refrigeration Wilson, Albert, elected Student Vicars & Co.'s LIST OF PLATES. LIST OF PLATES. PLATE Lift Construction I to XVIII Mechanical Refrigeration XVIII to XXVII Hot Water Supply Member 1 Agency 1 Age	Weight of Charcoal -	-			-	-	46	
White, Albert W., elected Member . xl Wildridge, John, Remarks on Mechanical Refrigeration . 69 Wilson, Albert, elected Student . xli Woollen Factory, Visit to J. Vicars & Co.'s . xlvi LIST OF PLATES. PLATE Lift Construction . I to XVIIA Mechanical Refrigeration . XVIII to XXVI Hot Water Supply . XXVII to XXX	Weight of Pumice Stone		-		-		46	
Wildridge, John, Remarks on Mechanical Refrigeration - 69 Wilson, Albert, elected Student - xli Woollen Factory, Visit to J. Vicars & Co.'s xlvi LIST OF PLATES. PLATE Lift Construction - I to XVIIA Mechanical Refrigeration XVIII to XXVI Hot Water Supply - XXVII to XXX	Weight of Infusorial Earth						46	
Wilson, Albert, elected Student - xli Woollen Factory, Visit to J. Vicars & Co.'s - xlvi LIST OF PLATES. PLATE Lift Construction - I to XVIIA Mechanical Refrigeration XVIII to XXVI Hot Water Supply XXVII to XXX	White, Albert W., elected Member	er		-	•		x l	
Woollen Factory, Visit to J. Vicars & Co.'s xlvi	Wildridge, John, Remarks on Mo	echanic	al Refri	igeratio	n -	-	69	
LIST OF PLATES. PLATE Lift Construction I to XVIIA Mechanical Refrigeration XVIII to XXVI Hot Water Supply XXVII to XXX	Wilson, Albert, elected Student		- '	-	-	-	xli	
Lift Construction - I to XVIIA Mechanical Refrigeration - XVIII to XXVI Hot Water Supply - XXVII to XXX	Woollen Factory, Visit to J. Vice	ars & C	o.'s		-	-	xlvi	
Lift Construction - I to XVIIA Mechanical Refrigeration - XVIII to XXVI Hot Water Supply - XXVII to XXX								
Lift Construction - I to XVIIA Mechanical Refrigeration - XVIII to XXVI Hot Water Supply - XXVII to XXX								
Lift Construction	LIST	OF, I	LATE	8.			OT A TIP	
	Lift Construction		_					
Hot Water Supply . XXVII to XXX			-					
	9		_					
Jud-Addeous visatict " x x x i to x x x v i	Sub-Aqueous Viaduct			-				