

Page.		Page.		Page.	
*Electrical Operation of Draw-bridges	731	Furnace, The Lee Crucible	440	Irrigation in British Columbia.....	202
Electric Plants, Economy in Large Turbine	110	Gallon (Ed.)	661	Irrigation Water Losses	770
Electrical Plants in N.S. (Ed.) ..	746	Gas Engines for Driving Alternating Current Generators	174	Joints, Theory of Rail	561
Electrical Production, Cost with Railway Load	610	*Gas, Illuminating, Mechanical Engineering Problems	645	Jordan, H. E., on Hypochlorite Treatment	779
Electric Railways of Canada.....	366	Gas, Natural in Ont.	714		
*Electricity Distribution, Factor of Diversity		Gas Rates in Quebec Province...	673		
*Electrification of Steam Roads...	350	Generators, Gas Engines for Driving Alternating Current	174	Kalamazoo Method, The (Ed.)....	157
Electrolysis (Ed.)	806	Germany, Forestry in	736	Kentucky, Forest Planting in	398
Engine, Automobile Fire, as a Fire-Fighting Apparatus	756	Girder, Method of Designing	467		
Engineer as an Expert Witness (Ed.)	601	Grade, Correlating Sidewalk, to Curb Grade		Labor, Convict, on Public Roads (Ed.)	661
Engineers, Canadian Association of Stationary	145	Grading Railway Specifications ..	346	Lakes, The Levels of Great (Ed.) ..	420
Engineers, Canadian Society of Civil	254, 254,	*Grading Work on the C.N.O. Ry., Toronto-Ottawa Line	321	Lamps, Electric and Street Lighting	771
Engineers' Club	717	*Grand Trunk System	327	*Landslides and Slips on Railway, Remedies for	399
*Engines, Convenient Appliance for Barring Over	490	Great Britain, Speed on Steam Roads in	759	Laurin and Leitch's Rock-crushing Plant	691
Engines, Handling	175	*Great Northern Ry. Power Plant.	132	*Level, Adjusting of a Dumpy... ..	127
*Engine House Practice	16	Handling Locomotives at Terminals	164	Levels of Great Lakes, The (Ed.) ..	420
Engineer, Industrial (Ed.)	745	Harbor Development at Montreal..	684	Light, Electric and Power Rates in Canada	667
*Engineering, Elementary Electrical 14, 38, 82, 98, 136, 167, 190,	262, 394,	Health and River Pollution, Manitoba Provincial Board of	759	Lighting and Power Service, Contracts	76
Engineering Features of Holland	473,	Heating of Boston Safe Deposit Building	611	Lighting Improvements in Streets (Ed.)	684
Engineers and Newspaper Reports (Ed.)	547	*Heating Material for Concrete Arrangements	707	Lighting of Streets and Electric Lamps	771
Engineer's Opportunity, The Civil (Ed.)	484	*Heating System, Steam	109	Lighting Streets (Ed.)	285
Engineer, Opening Field for the..	297	Heating, The Modulation System of	534	Location, Elements in the Selection of a Business	208
Engineering, The Weather in Relation to Municipal (Ed.)	580	*High Level Pumping Station, Toronto Waterworks	723	Lockouts in Great Britain, (Ed.)..	420
Erection, Cost and Speed of.....	811	Highway Dust Reduction in District of Alton	657	*Locomotive Construction in Canada	337
Examination of Steel Work in Foundry Building	672	Highways, Provincial (Ed.)	661	Locomotive Engineers' Request... ..	291
*Excavation, Canadian Deep Trench	609	History of Canadian Railways ..	325	Locomotives, Handling, at Terminals	164
Excavators, Development in Mechanical (Ed.)	640	Holland, Engineering Features of	473,	*Locomotives, Handling of, to Secure Continuous Operation..	165
Excavated Material Classified (Ed.)	661	Horse Keep Costs	815	*Locomotive Repair Shop	342
*Exhaust, Small Steam Turbines..	792	*Hound Chute, Cobalt Power Co. Plant at	499	Locomotive Shop Repair Jigs.....	382
Explosives, Manufacture of (Ed.)..	420	*Hydro-Electric Commission, Test on Insulators	623	*Locomotive Stage, Percy's Patent	484
*Export of Power at Fort Frances	294	*Hydro-Electric Development, Winnipeg	3	London Electric Light Situation, (Ed.)	716
		*Hydro-Electric Plant, Cobalt Power Company	490	Losses of Irrigation Water	770
		Hydro-Electric Power, Public Distribution of (Ed.)	483	Lubrication, 42 Per Cent. Saving in ..	173
*Factor of Diversity in Electricity Distribution	286	Hypochlorite Treatment, H. E. Jordan	779		
*Farman Biplane and Gnome Motor	110			*Machine for Cutting off Submerged Piles	169
*Fences, Fabricated Wire	73	*Illuminating Gas Works, Mechanical Engineering Problems	645	Machinery Costs	815
Field for the Engineer, Opening..	297	Improvement of Steam Plant Efficiency	557	*Mackenzie-Mann System	329
Filter Plant Cost of the Albany, N.Y.	518	Improvements in Street Lighting (Ed.)	684	Mains, Cleaning	815
*Finances, Railway	685	Industrial Engineer (Ed.)	745	Maintenance and Construction on Roads in Large Cities	710
Financial Situation, The (Ed.) ..	254	*Insulators, Hydro-Electric Commission, Test on	623	*Maintenance of Tracks and Roadways	668
*Fire and Concrete Losses	767	Intake, Extension of Toronto Waterworks (Ed.)	225	*Manhole Transformers	67
Fires, Effects on Building Materials	466	Interurban and Branch Railways..	357	Manitoba's New Legislation, Workmen's Compensation Act	743
Fire Engine, Automobile, as a Fire-Fighting Apparatus	756	*Interurban Railways Centering in Toronto	369	*Manila Rope Variations	582
Fire-Fighting (Ed.)	1	Interurban Railway Service (Ed.) ..	318	*Marks, Bench, of Geological Survey	681
*Fires, Forest, and Railways.....	631	Irish Trunk Roads Scheme	613	Material and Tool Supply Trains for Railway Maintenance Work..	706
Fire Ranging: Preservation of Natural Resources (Ed.)	639	Iron and Steel Bounties	791	Materials, Construction	786
*Firing Mixed Fuel	604	Iron and Steel in Canada, 1909 (Ed.)	775	*Measurements, Government Stream in Alberta	592
*Forest Fires and Railways	631	*Iron Castings, Defects and Remedies	492	Metric System, The (Ed.)	253
Forest Planting in Kentucky	398	Irrigation Convention, Western Canada	33,	Mill, Textile; Determining Value of Property	746
Forests, Public Ownership of	26		202	Minerals and Mines, Output Ontario's (d.) E.....	516
Forestry in Germany	736			Mines and Mineral Output, Ontario's (Ed.)	516
*Fort Frances and Power Export.	294			Mining Problems, Ontario's (Ed.)..	33
*Free Surgery	549			Misleading Advertisements (Ed.)..	776
Freight Rates, Advance in (Ed.)..	1			Montreal Harbor Development.....	684
*Fuel, Firing Mixed	604				
Fuel, High Efficiencies With Low Grade	298				