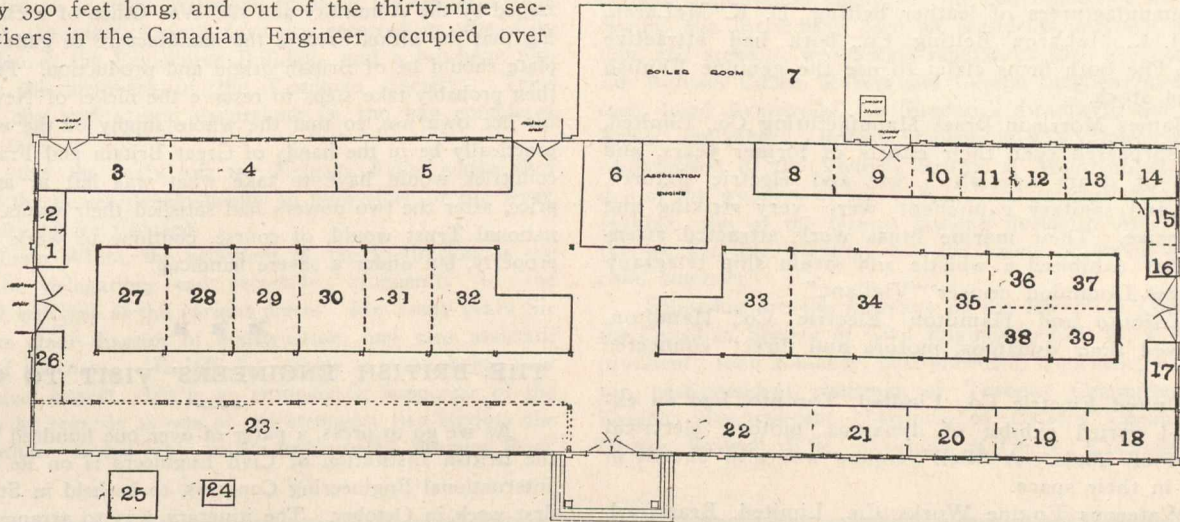


MACHINERY AND ELECTRICAL HALL, CANADIAN NATIONAL EXPOSITION, TORONTO.

The Exposition of 1904 saw Machinery Hall unable to accommodate the exhibitors requiring space, and as a consequence many of them were forced to secure accommodation in other buildings not so well suited.

The below plan and list will convey an idea of the number of firms who were accommodated in a space 100 feet wide by 390 feet long, and out of the thirty-nine sections advertisers in the Canadian Engineer occupied over 50 per cent.



- *4. American Tool Works Co., Cincinnati, Ohio.
- *31. Babcock & Wilcox, Limited, Toronto.
- 9. Biggar-Samuel, Limited—Canadian Engineer, Canadian Journal of Fabrics, Pulp and Paper Magazine.
- *23. Canada Foundry Co., Limited, Toronto.
- *24. Canada Foundry—Fountain.
- 13. Canada Metal Co., Toronto.
- 20. Canadian Bearings, Limited, Hamilton, Ont.
- 9. Canadian Engineer, Toronto.
- 9. Canadian Journal of Fabrics.
- 39. Carey Mfg. Co., The Philip, Toronto.
- 35. Chapman Double Ball Bearing Co., of Canada, Limited.
- *19. Cling Surface Co., Buffalo, N.Y.
- 29. Consolidated Electric Co., Toronto.
- *11. Dominion Belting Co., Limited, Hamilton, Ont.
- 30. Dodge Mfg. Co., Toronto.
- 14. Engineer's Office.
- *19. Eureka Mineral Wool & Asbestos Co., Toronto.
- *4. Fairbanks Co., Toronto, Montreal, Winnipeg and Vancouver.
- *9. Georgian Bay Engineering Works, Midland, Ont.
- *32. Goldie & McCulloch Co., Limited, Galt, Ont.
- 5. Gould, Shapley & Muir Co., Limited, Brantford, Ont.
- *36. Hamilton Motor Works.
- 21. Henderson Roller Bearing Co.
- *34. Jones & Moore Electric Co., Limited, Toronto.
- *16. Ker & Goodwin, Brantford, Ont.

- *4. Merrell Mfg. Co., Toledo, Ohio.
- 6. McLachlan Gasoline Engine Co., Limited, Toronto.
- 6. McLachlan-Joy Electric Co., Limited, Toronto.
- *12. McLaren, D. K., Montreal, Toronto.
- *10. McLaren Belting Co., The J.C.
- *22. Morrison Brass Mfg. Co., Limited, The James, Toronto.
- 9. Pulp and Paper Magazine of Canada.
- 18. Queen City Cycle and Motor Works, Toronto.
- *19. Quaker City Rubber Co., Philadelphia.
- 17. Shankland, W. S., Toronto.
- 17. Sinclair & Sons, G. S., Warton.
- *36. Smart Turner Machine Co., Hamilton, Ont.
- *19. Smooth-On Mfg. Co., Jersey City, N.J.
- 8. Syracuse Smelting Works, Montreal, P.Q.
- *37. Toronto and Hamilton Electric Co., Hamilton, Ont.
- 25. Toronto & Niagara Power Co.—Tower.
- 7. Underfeed Stoker Co., Limited, Toronto.
- *33. United Electric Co., Limited, Toronto.
- 28. Vessot & Co., S., Joliette, P.Q.
- *7. Waterous Engine Works Co., Limited, Brantford, Ont.
- 38. Weddell Bridge & Engineering Co., Trenton, Ont.
- *26. Westinghouse Electric Mfg. Co., Pittsburg and Hamilton.
- 3. Wilson & Son, Chas., Toronto.
- 17. Williams, Wayland, Montreal.
- 27. Williams Machinery Co., A. R., Toronto.

**Names marked with star are those of advertisers in the Canadian Engineer.*

The arrangements made by H. G. Nicholls, chairman of the Machinery and Electrical Committee, who was ably assisted by A. M. Wickens, superintendent, and W. G. Blackgrove, engineer, were very much in advance of former years, and on the closing night of the Exposition an address was presented to the chairman, a wallet was given to the superintendent, and a sum of money to the engineer and his assistant, to which every exhibitor in the building contributed. The recipients expressed their appreciation in short speeches.

Through the courtesy of G. W. Thexton, manager of the Georgian Bay Engineering Works, the publishers of the Canadian Engineer were allowed desk room in his space, the position at the western entrance formerly allotted to the Canadian Engineer, and again promised us this year having by some misunderstanding been given to another exhibitor.

Notes of the Fair.

The Canada Foundry Co., Limited, and the Canadian General Electric Co., Limited, had the most extensive exhibit in the Hall, as well as an outside exhibit on the south side showing the style of tower being erected for the long distance line of the Toronto and Niagara Power Co., and also several fountains.

Dr. W. D. Young, of the Cling-Surface Co., Buffalo, visited the Fair during the opening days and installed the testing machine in the exhibit of the Eureka Mineral Wool and Asbestos Co.

Mr. Walker, manager of the Dominion Belting Co.,

Limited, Hamilton, Ont., spent a few hours at their exhibit.

The Eureka Mineral Wool and Asbestos Co., Toronto, in addition to their own products had an attractive exhibit of packings manufactured by the Quaker City Rubber Co., Philadelphia, and cements made by the Smooth-On Manufacturing Co., Jersey City, N.J.

The Fairbanks Co., in addition to the standard products made in their own factories, such as scales and valves,

exhibited the "Fairbanks" brand of leather belting and wood split pulleys made in Canada, named the "Fairbanks." Their exhibit was crowded with interested visitors, who were either getting weighed on one of their handsome weight-registering scales or admiring the new high-speed lathe, made by the American Tool Works Co., Cincinnati, Ohio, or watching the operations of "Fairbanks" gas and gasoline engines. They also showed a pipe-threading and cutting machine made by the Merrell Manufacturing Co., Toledo, Ohio; Foster pressure regulating valves; Goddison's magnetic igniter for gas and gasoline engines, a new method which will supersede the use of batteries. There was also a "Fairbanks" power hammer and the products of the Burt Manufacturing Co., Akron, Ohio, comprising "Cross" oil filters and "Burt" exhaust heads.

The Georgian Bay Engineering Works, Midland, Ont., showed a 4 h.-p. gasoline engine, which attracted much attention owing to its simplicity and easy-running qualities, details of which will be found in their advertisement.

The Goldie & McCulloch Co., Limited, Galt, Ont., whose engine supplied the power for the main drives in Machinery Hall (one being a Wheelock and the other a high-speed Ideal) also showed a milling separator, wheat steamer, four-sided moulder, double-surface planer, and a power feed cut-off saw.

The Hamilton Motor Works and the Smart-Turner Machine Co., Limited, Hamilton, Ont., exhibited marine gasoline engines and steam pumps of great variety.

The Jones & Moore Electric Co., Limited, Toronto, had an extensive line of bi-polar and multi-polar generators and