

The following is a list of members, associates, and visitors in attendance at the Convention.

TORONTO—John J. Main, Joseph Wright, W. J. Guy, A. Taylor, Canadian Heine Safety Boiler Co.; H. W. Coates, editor *The Toronto World*; A. M. Wickens, Canadian Casualty and Boiler Works Co.; Geo. F. Spry, Polson Iron Works; W. P. Bull, W. Inglis, John Inglis Co.; J. L. Lorrman, *Hardware and Metal*; Archibald W. Smith, Jas. T. Webster, *The Canadian Stenographer*; S. Groves (editor), P. W. Ball (assistant editor), J. J. Salmond (advertising representative), *The Canadian Engineer*; J. B. Wilson, Chicago Pneumatic Tool Co.; Frank Bailey, Bailey Bros.; Mark Irish; W. J. Smith, J. B. Smith & Son; J. W. Corcoran, Canadian Printing Ink Co.; John Shaw, Acting Mayor and Controller; J. R. McDonald.

CLEVELAND—J. D. Farasey, H. E. Teachout Boiler Works; C. T. Smith, Chicago Pneumatic Tool Co.; H. B. Hare, Otis Steel Co.; J. J. Champion, Champion Rivet Co.; E. D. Rogers, Cambria Steel Co.; C. H. Starr, Cleveland Pneumatic Tool Co.; Phillips Thompson, *Iron and Trade Review*.

PITTSBURG—Jas. Lappan, Lappan Manufacturing Co.; Robt. Munroe, Jr., Geo. Munroe & Sons; T. M. Rees, Jas. Rees & Sons; Col. R. Munroe, Geo. Munroe & Sons Manufacturing Corp.; Geo. A. Riley, National Tube Works; H. S. Hunter, Chicago Pneumatic Tool Co.; D. J. Dougherty, Steamboat Inspection Service.

CHICAGO—L. W. Henoeh, T. J. Corbett, Jos. T. Ryerson & Sons; H. C. Finley, Geo. A. Cameron, Scully Steel and Iron Co.; W. O. Duntley, Chicago Pneumatic Tool Co.; W. A. Roome, A. M. Castle Co.

BUFFALO—T. Guilford Smith, Fred O. Brunke, Carnegie Steel Co.; Richard Hammond, Lake Erie Boiler Works; C. M. Farrar, Farrar & Trefts.

PHILADELPHIA—E. H. Fairbanks; W. H. S. Bateman, Lukens Iron

and Steel Co.; Henry W. Hartley, Cramp Shipbuilding Co.; R. S. Groves, Worth Bros.; Jas. Thompson, Philadelphia Iron Works.

NEW YORK—Thos. Aldcorn, Chicago Pneumatic Tool Co.; Geo. Slate, *The Boilermaker*.

CINCINNATI—D. A. Brown, *Official Reporter*; Cliff Tudor, Chas. Tudor, Tudor Boiler and Manufacturing Co.; C. A. Hunt, Worth Bros.

SAVANNAH—Wm. Kehoe, Wm. Kehoe & Sons; John Rourke, Rourke Sons.

ST. LOUIS—Col. E. D. Meier, Heine Safety Boiler Co.; Jos. F. Wangler, Jas. Wangler Boiler Co.

GALT—J. P. Hunter, Jas. Buchanan, Goldie-McCulloch Co.

BOSTON—W. R. Stavert, Jenkins Bros.; John E. Lynch, Hodge Boiler Works

J. P. Campbell, Akron, O., McNeil Boiler Co.; Chas. Hegewold, New Albany, Chas. Hegewold Co.; A. H. Chapman, Chattanooga, Wash & Weidrer Boiler Co.; Geo. R. Bentley, Harrisburg, Pa., Central Iron and Steel Co.; J. Don Smith, Charleston, S.C., Valk & Murdock Iron Works; J. M. Robinson, East Boston, Atlantic Works; H. D. McKinnon, Bay City, Mich., McKinnon Manufacturing Co.; Henry Brobst, Grand Rapids, Mich.; G. H. Kittse, Aurora, Ill., Aurora Boiler Works; C. F. Wolfe, Brantford, Ont., Waterous Engine Works; V. H. Debendorfer, Mannington, W. Va., West Virginia Boiler and Machine Co.; Wm. McKay, Amherst, N.S., Robb Engine Co., Limited; Wm. A. Brunner, Phillipsburg, N.J., Tippet & Wood; Geo. B. Hartley, Syracuse, N.Y., Solway Process Co.; N. J. Holden, Montreal, N.J., Holden & Co.; H. L. Wrattan, Racine, Wis., S. Freeman & Sons Manufacturing Co.; John Mahar, Tonawanda, N.Y., American Engine and Boiler Works; F. E. Leonard, London, Ont., E. Leonard & Sons.

MEMBERSHIP OF ENGINEERING SOCIETIES.

In his Presidential address before the American Institute of Electrical Engineers, Mr. John W. Lieb, discussed the organization and administration of national engineering societies. He referred at the outset to the formation of engineering societies in Great Britain—the Institution of Mechanical Engineers in 1847, the Iron and Steel Institute in 1869, and the Society of Telegraph Engineers and Electricians in 1871, which became in 1889 the Institution of Electrical Engineers. In America the American Society of Civil Engineers was organized in 1852, the American Institute of Mining Engineers in 1871, the American Society of Me-

chanical Engineers in 1880, and the American Institute of Electrical Engineers in 1884. The membership of these various societies on January 1st, 1905, was as follows:—American Society of Civil Engineers, 3,203; American Institute of Mining Engineers, 3,680; American Society of Mechanical Engineers, 2,780; American Institute of Electrical Engineers, 3,334. The membership of British and Continental societies was given as follows:—Institute of Civil Engineers (January 1st, 1905), 6,597; Institution of Mechanical Engineers (March 1st, 1905), 3,977; Iron and Steel Institute (January 1st, 1905), 1,909; Institution of Electrical Engineers (August 31st, 1904), 4,303; Verein Deutscher Ingenieure (April 24th, 1903), 17,549; Société des Ingenieurs Civil de France (1901), 3,691.—Iron & Coal Trades Review.

For Steam Engineers

We have had reprinted from the "Canadian Engineer" three articles of practical helpfulness to steam engineers. No. 1 is a paper on "Boiler Feed Water" by A. M. Wickens, No. 2 is on "Purifying Water for Engines" by G. M. Davidson, while No. 3 is on "Boiler Scale and Boiler Feed" by Harry Spurrier. All three men referred to are specialists in their field. You can get a copy of this useful pamphlet for 10c., stamps or coin.

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