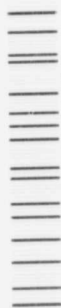


The Chemists of
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SOCIETY OF CHEMICAL INDUSTRY. CANADIAN SECTION.

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THE CHEMISTS OF CANADA



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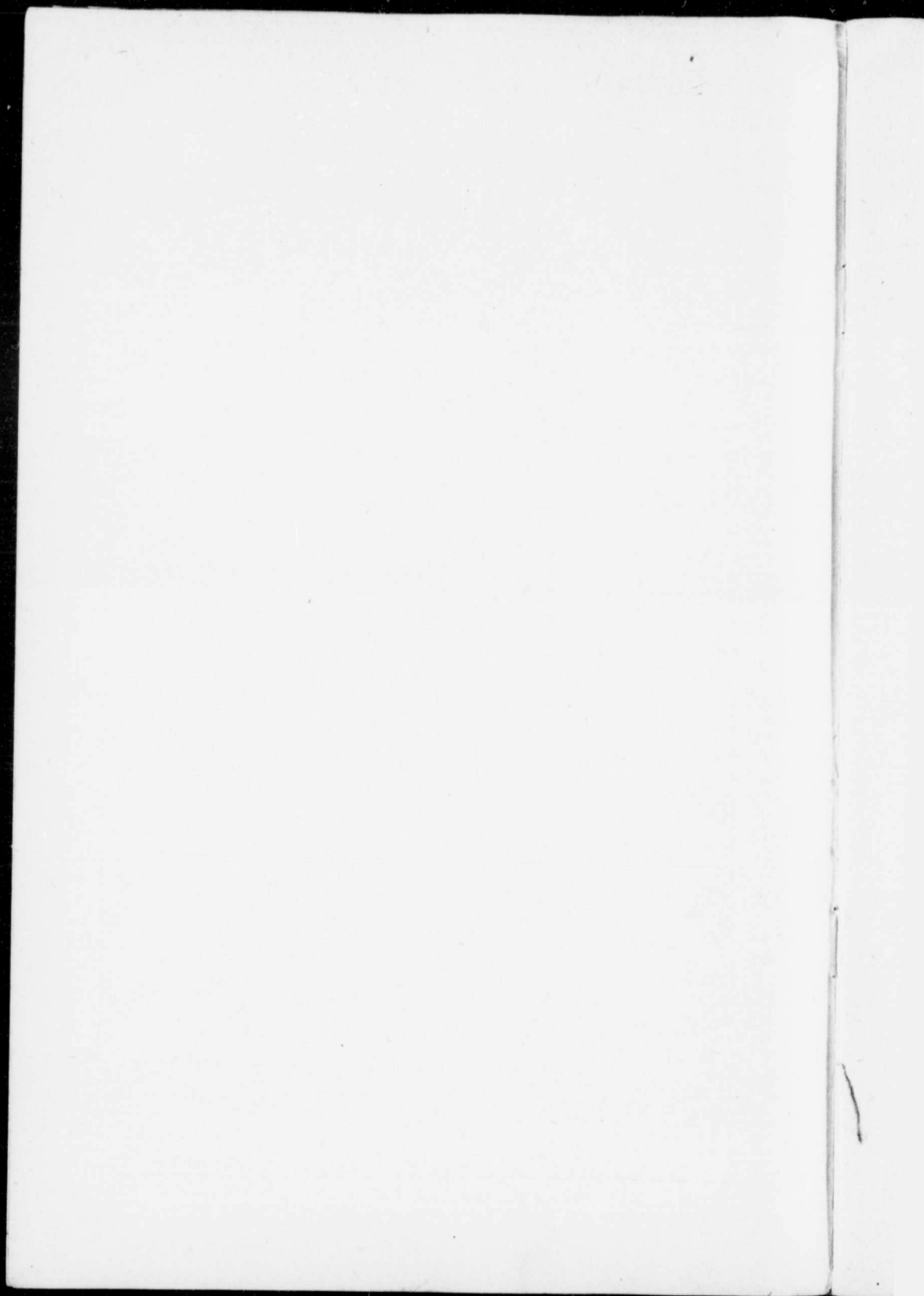
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†Deceased.

INTRODUCTION

The Canadian Section of the Society of Chemical Industry has published under various titles in pamphlet form, collections of papers which have been read at meetings held during the sessions of the Section. Since much valuable information has been presented in this way, the Publication Committee of the Society of Chemical Industry has been pleased to sanction these issues.

The present publication is issued for the purpose of filling a need that has been recognized some considerable time for a classified list of the Chemists and Chemical Engineers of Canada, together with those who are associated in a technical way with industries in which Chemistry is in some manner involved. An attempt has been made to render the list and classification as comprehensive as possible, and while it is realized that it is incomplete on account of the impossibility within a reasonable time of reaching all chemical workers, it is hoped that it is sufficiently representative to be of value as a reference, both for the Government and for all who may wish to avail themselves of the skill and knowledge represented by the trained chemical workers of this country. Any omissions, it is hoped, will be brought to the attention of the Secretary of the Society in order that they may be included in a later revised edition.

The method of classification that has been used in the arrangement of the names has been based upon that adopted in the Journal of the Society of Chemical Industry in accordance with the publication of its articles and abstracts. The twenty-five main subdivisions are as follows:

- | | |
|--|--|
| I.—General Plant; Machinery. | XIII.—Paints; Pigments; Varnishes; Resins. |
| II.—Fuel; Gas; Heating; Lighting. | XIV.—India Rubber; Gutta Percha. |
| III.—Tar and Tar Products. | XV.—Bone; Horn; Glue. |
| IV.—Colouring Matters and Dyes. | XVI.—Soils; Fertilizers. |
| V.—Fibres; Textiles; Cellulose; Paper. | XVII.—Sugar; Starches; Gums. |
| VI.—Bleaching; Dyeing; Printing; Finishing. | XVIII.—Fermentation Industries. |
| VII.—Acids; Alkalies; Salts; Non-Metallic Elements. | XIX. { (A) Foods.
(B) Water Purification, Sanitation. |
| VIII.—Glass; Ceramics. | XX.—Pharmaceutical and Medicinal Substances. |
| IX.—Building Materials. | XXI.—Photographic Materials and Processes. |
| X.—Metals; Metallurgy, including Electro-Metallurgy. | XXII.—Explosives; Matches. |
| XI.—Electro-Chemistry. | XXIII.—Wood Distillation Products |
| XII.—Soaps; Fats; Oils; Perfumes. | XXIV.—Leather and Tanning. |
| | XXV.—Miscellaneous. |

In addition to this classification a letter index has been adopted to indicate the capacity in which the individual is related to his industry.

The letters which relate to this feature of the classification and their meaning are as follows:

- A represents—Agent, Salesman or Merchant.
- E “ —Chemical or Metallurgical Engineer.
- C “ —Consultant Chemist or Analyst.
- M “ —Chemical Manufacturer.
- O “ —Official (Government), (Customs, etc.).
- P “ —Professor, or Lecturer, or Demonstrator.
- W “ —Works Chemist or Works Manager.
- X “ —Any other profession or occupation n.e.s.

Inasmuch as a name may appear under several headings of the classification, therefore the names have also been arranged alphabetically in index form, which will be found at the latter part of the pamphlet, to facilitate reference to the classifications.

At this time when the resources of the country, both in men and material, are most urgently needed by the Empire, and when so much of the success in the use of our material resources is dependent upon technical knowledge and special training, it is hoped that this list will serve a useful purpose in tending to promote a close relationship between the Investor and the Chemist.

The Chairman and members of the Canadian Section wish to express their indebtedness to the Ontario Government for a grant toward the expense of publishing this work, extra copies of which may be had upon application to the Secretary.

TORONTO, June 1st, 1916.

CLASSIFICATION NO. I.

GENERAL PLANT, MACHINERY.

- E. G. BROWNLEE, Jr.—Canadian Sunbeam Lamp Company, Toronto.
Class W—*Specialty*: Incandescent Electric Lamps.
- H. W. COWAN—22 Cornish Road, Moore Park, Toronto.
Class E—*Specialty*: Designer of Plant and Contractor for Erection of Sewerage Disposal, Filters, Recovery of Trade Wastes, etc.
- T. LINSEY CROSSLEY—318 Lagauchetiere St. W., Montreal.
Class E C P—*Specialty*: Pulp and Paper, Asphalt Paving.
- JUDSON A. DECEW, B.A.Sc.—903 McGill Building, Montreal.
Class E—*Specialty*: Fibres, Textiles, Cellulose, Paper.
- REV. PH. J. FILLION—Universite Laval, Quebec.
Class P—*Specialty*: General Chemistry.
- BJARNE JOHNSEN, Dr.—Forest Products Laboratories, 700 University St., Montreal.
Class E—*Specialty*: Pulp and Paper.
- P. J. RELYEA, B.A.Sc.—Cornwall, Ont.
Class E W—*Specialty*: Recovery and Utilization of Waste Products.

CLASSIFICATION NO. II.

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Class P E—*Specialty*: Chemical Engineering.
- FREDERICK E. CARTER—Fuel Testing Station, Mines Branch, Ottawa.
Class O E—
- WALTER CHARLES CARTER, F.I.C.—Dominion Iron and Steel Company, Limited, Sydney, C.B.
Class C M W—*Specialty*:
- CHAS. GRAHAM—Corbin, B.C.
Class W—Supt. Corbin Coal and Coke Company.
- A. J. MACDOUGALL—Toronto Power Co., 12 Adelaide E., Toronto.
Class E—*Specialty*: Electro-Chemical Research, Gases, Reduction of Ores and Smelting.
- P. C. MACKIE—Dominion Iron and Steel Company, Limited, Sydney, N.S.
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- GILBERT WALWORTH MORDEN—Agricultural College, Winnipeg, Man.
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- JASPER H. H. NICOLLS—Government Fuel Testing Plant, Booth St., Ottawa.
Class O—

- WILFRID PHILPOT—Consumers Gas Company, Toronto, Ont.
Class W—*Specialty*: Gas Manufacture.
- HARRY RAYNER—439 King William St., Hamilton, Canada.
Class W—*Specialty*: Metallurgy of Iron and Steel and General Inspection.
- E. SELLEN—1285 Logan St. E., Montreal.
Class W—*Specialty*: The Analysis of Substances used in Gas-making Bye-Products.
- F. W. SKIRROW—McGill University, Montreal.
Class W P—*Specialty*: Gas Works Bye-Products.

CLASSIFICATION NO. III.

TAR AND TAR PRODUCTS.

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Class P E—*Specialty*: Chemical Engineering.
- HERBERT CARMICHAEL—Port Alberni, B.C., Canada.
Class E M—
- FREDERICK EDWARD CARTER—Fuel Testing Station, Mines Branch, Ottawa.
Class O E—*Specialty*:
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Class C M W—*Specialty*: Sulphuric Acid.
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Class M—
- ALBERT COOPER, B.Sc.—Forest Products Laboratories, 700 University St., Montreal.
Class O E—*Specialty*: Wood Preservation.
- FRED E. CORNELL—16 Place Royale, Montreal.
Class A—*Specialty*: Pharmaceuticals.
- HAROLD S. DAVIS—University of Manitoba, Winnipeg.
Class P—*Specialty*: Physical Chemistry.
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Class W—*Specialty*: Aniline.
- JAMES S. N. DOUGALL—305 Manufacturers St., Montreal.
Class A—*Specialty*: Varnishes and Paints.
- LIONEL L. JACOBS—c/o Algoma Steel Company, Limited, Sault Ste. Marie, Ont.
Class W—*Specialty*: Extraction of Hydro Carbons from Coal Gas; Preparation of Pure Benzol, Toluol, Xylol, etc.
- I. C. MACKIE—Dominion Iron and Steel Company, Sydney, N.S.
Class W—*Specialty*: Iron and Steel, Coal and Coke, etc.
- IRWIN PROCTOR—Dominion Tar and Ammonia Company, Hamilton, Ont.
Class W—*Specialty*: Tar and Ammonia Products.

- E. SELLEN—1285 Logan St. E., Montreal.
Class W—*Specialty*: The Analysis of Substances used in Gas Making and Bye-Products.
- W. F. SEYERS—University of Alberta, Edmonton South.
Class P—*Specialty*: Asphaltic.
- F. W. SKIRROW—McGill University, Montreal.
Class P—*Specialty*: Gas Works Bye-Products.
- E. BERNARD SMITH—General Manager Dominion Tar and Chemical Company, Limited, Box 445, Sault Ste. Marie, Ont.
Class E M W A—*Specialty*: Tar Distillation, Creosoting Timber, etc.; Sulphate Ammonia Works Management, Business Management, Benzol, Toluol Extraction from Coke Oven Gas, etc.
- J. WEIR—Imperial Varnish and Color Company, Toronto.
Class M—

CLASSIFICATION NO. IV.

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- W. R. ALLEN—c/o Watson, Jack & Company, Montreal, P.Q.
- FRED E. CORNELL—16 Place Royale, Montreal.
Class A—*Specialty*: Pharmaceuticals.
- G. E. McEWEN—Imperial Varnish and Color Company, Limited, Toronto.
Class M—*Specialty*: Dry Colors.
- OTTO G. PALM—41 Colborne St., Toronto.
Class A—
- JAMES TRUNER—8 West Market St., Toronto.
Class W—*Specialty*: Coal Tar Dyes.
- W. O. WALKER—School of Mining, Kingston, Ont.
Class P—*Specialty*: Organic Chemistry.
- T. D. WARDLAW—23 Scott St., Toronto.
Class A—*Specialty*: Dyes and Wools.

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FIBRES, TEXTILES, CELLULOSE, PAPER.

- JOHN S. BATES, Chem.E., Ph.D.—Forest Products Laboratories of Canada, 700 University St., Montreal.
Class O (E)—*Specialty*: Forest Products (Paper, Wood Preservation, Wood Distillation, Lumber, Acetone, etc.).
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Class C M—*Specialty*: Pulp and Paper Manufacture.
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Class O E—*Specialty*: Paper, Pulp, Acetone.
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Class O E—

- HERBERT CARMICHAEL—Port Alberni, B.C., Canada.
Class E M—
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Class O E—*Specialty*: Paper.
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Class E—*Specialty*: Paper, Acetone.
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Class W—*Specialty*: Pulp and Paper.
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CLASSIFICATION NO. VI.

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Class W—*Specialty*: Dyeing.
- ALFRED BURTON—2 Liberty St., Toronto, Ont.
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Class E M—
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Class W—*Specialty*: Color Chemistry.
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Class W—*Specialty*: Acids and Alkalies.
- W. BOYD CAMPBELL—(On active service, No. 2 Sanitary Section, 2nd Canadian Division, B.E.F., France), 700 University St., Montreal.
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Administrative.
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and Industrial Analyst.
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Class M—*Specialty*: Ammonia.
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Class M—
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Latest Commercial Processes.
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Class W—*Specialty*: Tar and Ammonia Products.
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- W. CLARK SANDERCOCK—Collegiate Institute, Calgary, Alta.
Class P—
- F. W. SKIRROW—McGill University, Montreal.
Class P—*Specialty*: Gas Works Bye-Products.
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Class P—*Specialty*: Explosives, Matches Research.
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Class E W—*Specialty*: Electro-Chemistry.
- EDWARD E. WELLS—9 Dalhousie St., Montreal.
Class M—
- E. R. WILLIAMS—Shawinigan Electro-Metals Company, Shawinigan
Falls, P.Q.
Class E—

CLASSIFICATION NO. VIII.

GLASS, CERAMICS.

- G. PERCY COLE, M.Sc., Technical Engineer—Care of Dominion Glass
Company, Limited, Royal Trust Building, Montreal.
Class E—*Specialty*: Glass Manufacture, Electrical Engineering.
- HAROLD S. DAVIS—University of Manitoba, Winnipeg.
Class P—*Specialty*: Physical Chemistry.
- L. JOSLYN ROGERS—Chemistry and Mining Building, University
of Toronto, Toronto, Canada.
Class P C—

CLASSIFICATION NO. IX.

BUILDING MATERIALS.

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Class E C P—*Specialty*: Pulp and Paper, Asphalt Paving.
- G. S. ELDRIDGE—Cave Building, Vancouver, B.C.
Class C—*Specialty*: Metals.
- A. G. FLEMING—Canada Cement Company, Herald Building, Mont-
real.
Class W—*Specialty*: Manufacture of Portland Cement.
- JASPER H. H. NICOLLS—Government Fuel Testing Plant, Booth
St., Ottawa.
Class O—
- J. C. R. PATTRICK—Bamberton, B.C.
Class W—*Specialty*: Cement Manufacturing.
- HARRY RAYNER—439 King William St., Hamilton, Ont.
Class W—*Specialty*: Metallurgy of Iron and Steel and General
Inspection.
- L. JOSLYN ROGERS—Chemistry and Mining Building, University
of Toronto, Toronto.
Class P C—

- A. GORDON SPENCER—Chief Chemist, Canadian Inspection and Testing Laboratories, Limited, 607 Canadian Express Building, Montreal.
Class C E—*Specialty*: Metallurgy of Zinc, Lead and Copper.
- E. VIENS—Department of Public Works, Ottawa, Ont.
Class O—*Specialty*: Portland Cement.
-

CLASSIFICATION NO. X.

METALS, METALLURGY, ELECTRO-METALLURGY.

- JAMES AITKEN, B.A.Sc.—221 Park Ave., Brantford, Ont.
Class E—*Specialty*: Malleable Iron.
- E. T. AUSTIN—Coniston, Ont.
Mining and Metallurgy.
- JNO. K. BATCHELDER—Trail, B.C.
Class W—*Specialty*: Zinc.
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Class E—
- R. A. BAYARD—Chippawa, Ont.
Class W—*Specialty*: Electric Furnaces.
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Class W—
- SELWYN G. BLAYLOCK—Trail, B.C., Assistant General Manager Consolidated Mining and Smelting Company of Canada, Limited.
Class W E—*Specialty*: Mining and Smelting.
- A. H. BROWN—Dome Lake Mine, South Porcupine, Ont.
Class E—*Specialty*: Gold and Silver Metallurgy.
- W. E. BROWN—Brown's Copper and Brass Rolling Mills, Limited, New Toronto, Ont.
Class E—
- JAS. BUCHANAN—Trail, B.C.
Class E—*Specialty*: Smelting.
- HOLT C. CALDICOTT—Trail, B.C.
Class W—
- W. BOYD CAMPBELL—(On active service, No. 2 Sanitary Section, 2nd Canadian Division, B.E.F., France), 700 University St., Montreal.
Class O E—
- S. B. CHADSEY, B.A.Sc.—Massey-Harris Co., Ltd., Toronto.
Class W—*Specialty*: Iron and Steel.
- W. W. CHADWICK, B.A.Sc.—186 Wellington St. N., Hamilton.
Class W—*Specialty*: Manufacture of Brass Goods.

- C. V. CORLESS—Coniston, Ont.
Class M—*Specialty*: Mining and Metallurgy.
- HARRY CRESWELL—Canadian Wm. A. Rogers, Limited, 570 King
W., Toronto.
Class W—
- HAROLD S. DAVIS—University of Manitoba, Winnipeg, Man.
Class P—*Specialty*: Physical Chemistry.
- J. RICHARDSON DONALD—318 Lagauchetiere W., Montreal.
Class E G—*Specialty*: Chemical Engineering and Design.
- DR. J. T. DONALD—318 Lagauchetiere W., Montreal.
Class E G—*Specialty*: Chemical Engineering and Design.
- GEO. W. DUNN—Rossland, B.C., care of Consolidated Mining and
Smelting Company.
Specialty: Assayer and Chemist.
- G. S. ELDRIDGE—Cave Building, Vancouver, B.C.
Class C—*Specialty*: Metals.
- J. J. FINGLAND—Kaslo, B.C.
Class C (O)—*Specialty*: Zinc Metallurgy
- THOS. FRENCH—P.O. Box 324, Nelson, B.C.
Class E—*Specialty*: Electro-Metallurgy of Zinc.
- HAROLD G. GIRVIN—141 Grant Ave., Hamilton.
Class C W—*Specialty*: Chief Chemist, The Steel Company of
Canada, Limited.
- WILLIAM LAWTON GOODWIN—School of Mining, Kingston, Ont.
Class P—
- CHAS. D. GRIFFITHS—Rossland, B.C.
Class W—
- G. A. GUESS, M.A., Prof.—Oakville, Ont.
Class E—*Specialty*: Copper Smelting and Electrolytic Refining.
- E. H. HAMILTON—Care of Consolidated Mining and Smelting Com-
pany, Trail, B.C.
Class E C—
- MAX M. HAFF—Ottawa, Canada.
Class E C M—*Specialty*: Electro-Chemistry and Metallurgical.
- ROBERT INCHES—Rossland, B.C.
Class W—
- O. S. JAMES—6 Leuty Ave., Toronto.
Class C—*Specialty*: Analysis of Gold, Silver, Platinum and
Cobalt Minerals.
- ROBERT JOB—647 Roslyn Ave., Westmount, P.Q.
Class E C—*Specialty*: Metallurgy, General Industrial Chemistry.
- D. JOHN—Haileybury, Ont.
Class E—
- G. H. KILBURN—Consolidated Mining and Smelting Company, Ross-
land, B.C.
Class E—*Specialty*: Mining.

- METTY KOETZ—Technical School, Quebec.
Class P E—
- OSCAR LACHMOND—Greenwood, B.C.
Class E—*Specialty*: Copper Metallurgy.
- F. J. LONGWORTH—Greenwood, B.C.
Class E—*Specialty*: General Metallurgy.
- A. LOWRY—282 Lippincott St., Toronto, Ont.
Class W—
- H. C. MABEE, B.A.Sc.—Cor. Plymouth Ave. and Booth St., Ottawa.
Class O—*Specialty*: Chemist, Government Ore Testing and Metallurgical Division, Mines Department, Ottawa.
- A. J. MACDOUGALL—Toronto Power Company, 12 Adelaide E., Toronto.
Class E—*Specialty*: Electro-Chemical Research, Gases, Reduction of Ores and Smelting.
- K. S. MACLACHLAN—Imperial Munitions Board, Ottawa.
Class O—*Specialty*: Explosives, Cobalt and Nickel.
- I. C. MACKIE—Care of Dominion Iron and Steel Company, Sydney, N.S.
Class W—*Specialty*: Iron and Steel, Coal and Coke, etc.
- J. H. MASON—182 Richmond St., Toronto.
Class C—
- I. W. MILLARD—Care of Meriden Britannia Company, Limited, 146-166 Wellington St. N., Hamilton, Ont.
Class M—*Specialty*: Electro-Depositions of Gold and Silver Metals.
- JNO. F. MILLER—Trail, B.C.
Class E—*Specialty*: Lead and Copper.
- ERNEST P. MOORE—34 Jackson St. E., Hamilton, Ont.
Class C—*Specialty*: Analysis of Iron and Steel.
- GEO. E. MURRAY—Trail, B.C.
Class E—
- C. F. PASCOE—3055 Notre Dame East, Montreal.
Class E—*Specialty*: Iron and Steel Manufacturer, Muniton Work.
- HARRY RAYNER—439 King William St., Hamilton, Canada.
Class W—*Specialty*: Metallurgy of Iron and Steel and General Inspection.
- HAROLD J. ROAST—Care of The James Robertson Company, Limited, 142 William St., Montreal, P.Q.
Class C W—*Specialty*: Manufacture and Analysis of Alloys; Manufacture and Analysis Carbonate of Magnesia; Manufacture of Carbonic Acid Gas, Pipe Covering, etc.
- J. F. ROBERTSON—Coniston, Ont.
Specialty: Mining and Metallurgy.
- JAS. H. ROSE—Trail, B.C.
Class W—

- R. C. RUTHERFORD—Care of Consolidated Mining and Smelting Company, Limited, Trail, B.C.
Class W—
- C. A. SEATON—Rossland, B.C.
- A. GORDON SPENCER—Chief Chemist, Canadian Inspection and Testing Laboratories, Limited, 607 Canadian Express Building, Montreal.
Class C E—*Specialty*: Metallurgy of Zinc, Lead and Copper.
- M. H. SULLIVAN—Trail, B.C., care of Smelter.
Class W—*Specialty*: Gold, Silver, Copper and Lead Smelting.
- O. J. D. THOMAS—Canadian Brakeshoe Company, Sherbrooke, Que.
Class W—*Specialty*: Steel.
- JAMES WALKER—Care of James Robertson Company, Limited, 142 William St., Montreal.
Specialty: Metals, Metallurgy.
- THEO H. WARDLEWORTH—32 St. Gabriel St., Montreal.
Class M—
- W. R. WERTHER—Chief Chemist, Algoma Steel Corporation, Sault Ste. Marie, Ont.
Class W—
- FREDERICK HENRY WIGHAM—755 Ashburn St., Winnipeg.
Class C—*Specialty*: Iron and Steel Manufacture and Wire Drawing, Bessemer and Open-Hearth Steel, Blast Furnace Practice.
- E. R. WILLIAMS—Care of Shawinigan Electro Metals Company, Shawinigan Falls, Que.
Class E—
- JOHN F. C. B. VANCE—947 Richard St., Vancouver, B.C.
Class C—*Specialty*:

CLASSIFICATION NO. XI.

ELECTRO-CHEMISTRY.

- J. K. BATCHELDER—Trail, B.C.
Class W—*Specialty*: Zinc.
- A. D. COWPER—University of Alberta, Edmonton S., Alta.
Class P—*Specialty*: Physical Chemistry.
- HAROLD S. DAVIS—University of Manitoba, Winnipeg, Man.
Class P—*Specialty*: Physical Chemistry.
- E. L. C. FORSTER—Inland Revenue Laboratory, Postal Station B, Winnipeg, Man.
Class O C—*Specialty*: Foods, Drugs, Electro-Chemistry.
- J. T. BURT GERRANS—46 Dewson St., Toronto, Ont.
Class P—*Specialty*: Magnesium.
- L. GILCHRIST, Ph.D.—University of Toronto.
Class P—*Specialty*: Analytical and Electro-Chemistry.

- MAX M. HAFF—Ottawa, Canada.
Class E C M—*Specialty*: Electro-Chemistry and Metallurgical.
- FRED J. HAMBLBY—Buckingham, Que.
Class W—
- A. J. MACDOUGALL—Toronto Power Company, 12 Adelaide E.,
Toronto.
Class E—*Specialty*: Electro-Chemical Research, Gases, Reduction of Ores and Smelting.
- D. D. McTAVISH—601 Power Building, Montreal, P.Q.
Class A—
- I. C. MACKIE—Care of Dominion Iron and Steel Company, Sydney,
N.S.
Class W—*Specialty*: Iron and Steel, Coal and Coke, etc.
- A. MORETON—Sandwich, Ont.
Class E W—*Specialty*: Electro-Chemistry.
- W. LASH MILLER, Ph.D.—University of Toronto.
Class P—*Specialty*: Electro-Chemistry.
- D. McINTOSH—University of British Columbia, Vancouver, B.C.
Class P—
- GILBERT WALWORTH MORDEN—Agricultural College, Winnipeg,
Man.
Class S P—*Specialty*: Electro-Chemistry, Water Purification.
- EDWARD C. SMITH—Canadian National Carbon Company, Limited,
99 Paton Road, Toronto.
Class W—*Specialty*: Electric Dry Cells.
- A. GORDON SPENCER—Chief Chemist, Canadian Inspection and
Testing Laboratories, Limited, 607 Canadian Express
Building, Montreal.
Class C E—*Specialty*: Metallurgy of Zinc, Lead and Copper.
- A. T. STUART—Toronto Power Company, 12 Adelaide E., Toronto.
Class E—
- G. H. P. WALKER—Sandwich, Ont.
Class E W—*Specialty*: Electro-Chemistry.
- E. R. WILLIAMS—Care of Shawinigan Electro Metals Company,
Shawinigan Falls, P.Q.
Class E—

CLASSIFICATION NO. XII.

SOAPS, FATS, OILS, PERFUMES.

- A. E. A. BETTESWORTH—394 St. Paul St. W., Montreal.
Class A—*Specialty*: Essential Oils.
- D. G. BUCHANAN—27 Woodlawn Ave., East Toronto.
Class W—

- FREDERICK EDWARD CARTER—Fuel-Testing Station, Mines Branch, Ottawa, Ont.
Class O E—*Specialty*:
- DONALD H. COOPER—The Royal Crown Soap Company, Limited, Calgary, Alta.
Class W—*Specialty*: Soap and Glycerine.
- FRED E. CORNELL—16 Place Royale, Montreal.
Class A—*Specialty*: Pharmaceutical and Medicinal Substances.
- WALTER M. CUNNINGHAM—307 Fifth St., New Westminster, B.C.
Class M W—*Specialty*: Disinfectants, Soft Soaps, Compounding of Lubricating Oils.
- W. E. DANNER—Care of H. K. Wampole & Company, Limited, Perth, Ont.
Class W—*Specialty*: Pharmaceuticals,
- R. DEMMITT—Sarnia, Ont.
Class A—*Specialty*: Petroleum.
- F. O. FAREY—905 McGill Building, Montreal.
Class C—*Specialty*: Building Materials, Soaps, Fats, Oils and Perfumes.
- GEO P. FRANCE, Jr.—Sarnia, Ont.
Class E W—*Specialty*: Petroleum Expert.
- W. G. FRASER—Beaver Soap Company, Limited, 1377 Winnipeg Ave., Winnipeg, Man.
Class M—
- WALTER T. GRAHAM—P. Burns & Company, Limited, Calgary, Alta.
Class W—*Specialty*: Packinghouse (Abattoir) Works.
- JOS. H. HARRIS—11 Linnsmore Crescent, Toronto.
Class W—
- J. W. HILL—Department of Interior, Banff, Alta.
Class O—*Specialty*: Analyses.
- R. W. PERRY—Gunns, Limited, West Toronto, Ont.
Class W—*Specialty*: Packinghouse Work.
- DR. MICH. POTVLIET—Wallaceburg, Ont.
Class C—*Specialty*: Essential Oils, Sugar Industry.
- R. F. RUTTAN—McGill University, Montreal.
Class P—*Specialty*: Biological Chemistry.
- A. P. TAYLOR—General Manager, John Taylor & Company, Limited, 12 Wellington E., Toronto.
Class M—*Specialty*: Soaps, Perfumes, Glycerine, etc.
- HENRY D. TEFFT—75 Chelsea Ave., Toronto, Ont.
Class W—*Specialty*: Packinghouse and Cotton Oil.

CLASSIFICATION NO. XIII.

PAINTS, PIGMENTS, VARNISHES, RESINS.

- JOHN ANTHONY—217 King St. E., Toronto.
Class A—
- JAMES WATSON BAIN, B.A.Sc.—The University, Toronto, Canada.
Class P E—*Specialty*: Chemical Engineering.
- J. B. BELL—Carter White Lead Company of Canada, Limited, 9 De-
lorimier Ave., Montreal.
Class M—*Specialty*: White Lead Corroders and Oxide Manu-
facturers.
- W. W. BOYCE—Care of Vera Chemical Company of Canada, Freeman,
Ont.
Class W—*Specialty*: Resin Size.
- A. T. CHARRON, M.A.—Official Provincial Laboratory, St. Hyacinthe,
P.Q.
Class C—*Specialty*: Dairy Products, Soils and Fertilizers.
- JAMES S. N. DOUGALL—305 Manufacturers St., Montreal, P.Q.
Class A—*Specialty*: Varnishes and Paints.
- GEO. M. EDWARDS—241 Pine Ave. W., Montreal.
Class W—
- H. REID HARRISON—54 Banington St., Halifax, N.S.
Class M—*Specialty*: Barsum Products and Bleaches for Pulp,
etc.
- G. N. HILL—Care of Imperial Varnish and Color Company, 6 Morse
St., Toronto.
Class W—*Specialty*: Paints, Varnishes, Oils.
- W. W. INGERSOLL—305 Manufacturers St., Montreal.
Class W—Manager.
- ROBERT JOB—649 Roslyn Ave., Westmount, P.Q.
Class E C—*Specialty*: Metallurgy, General Industrial Chemistry.
- G. C. McEWEN—Care of Imperial Varnish and Color Company, 6
Morse St., Toronto.
Class M—
- SHERLEY P. NEWTON—Canada Paint Company, Limited, Montreal,
P.Q.
Class W E—*Specialty*: Manufacture of Dry Colors and Insect-
icides.
- HARRY RAYNER—439 King William St., Hamilton, Canada.
Class W—*Specialty*: Metallurgy of Iron and Steel and General
Inspection.
- H. B. STILLWELL—Haleyonia P.O., Saskatchewan.
Class W—*Specialty*: Enameled Iron.
- JAMES WEIR—Care of Imperial Varnish and Color Company,
Limited, 6 Morse St., Toronto.
Class M—

CLASSIFICATION NO. XIV.

INDIA RUBBER, GUTTA PERCHA.

- M. L. ALLARD—Dunlop Tire Company, Toronto.
Class W—*Specialty*: Rubber.
- D. E. BEYNON, B.A.Sc.—80 Hogarth Ave., Toronto.
Class W—*Specialty*: Rubber.
- WM. E. CAMPBELL—Gutta Percha and Rubber, Limited, O'Hara Ave., Toronto, Canada.
Class W—*Specialty*: Works Chief Chemist.
- C. N. CANDEE—President and Managing Director, Gutta Percha and Rubber, Limited, 47 Yonge St., Toronto.
Class W—*Specialty*: Rubber.
- GORDON ROPER DIVER—88A Girouard Ave., Notre Dame de Grace, Montreal, or Chemical Laboratory, care of Northern Electric Company, 121 Shearer St., Montreal.
Class W—*Specialty*: Rubber Analysis and Raw Material Analysis and Inspection.
- W. H. EASTLAKE—Northern Electric Company, Montreal.
Class W—
- CHAS. W. GRAHAM—Experimental Farm, Ottawa.
Class W—*Specialty*: Soils.
- A. R. KAUFMAN—Kaufman Rubber Company, Limited, Berlin, Ont.
Class W—
- FRANCIS ERNEST LLOYD—Department of Botany, McGill University, Montreal.
Class P—*Specialty*: From Botanical and Plants Physiological Viewpoint.
- F. H. McFADYEN—Canadian Consolidated Rubber Company, Limited, Montreal.
Class —*Specialty*: Cement, Iron and Steel.
- ARTHUR F. POND—Goodyear Tire and Rubber Company of Canada, Bowmanville, Ont.
Class W—
- C. B. STREET—General Superintendent, Gutta Percha and Rubber, Limited, 47 Yonge St., Toronto.
Class W—*Specialty*: Manufacture of Rubber Goods.
- W. L. WIEGAND—Canadian Consolidated Rubber Company, Montreal.
Class W—*Specialty*:
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CLASSIFICATION NO. XV.

BONE, HORN, GLUE.

- WALTER T. GRAHAM—P. Burns & Company, Limited, Calgary, Alta.
Class W—*Specialty*: Packinghouse (Abattoir) Works.
- JOS. H. HARRIS—11 Linnsmore Crescent, Toronto, Ont.
Class W—*Specialty*: Glues.
- HENRY D. TEFFT—75 Chelsea Ave., Toronto.
Class W—*Specialty*: Packinghouse and Cotton Oil.

CLASSIFICATION NO. XVI.

SOILS, FERTILIZERS.

- G. H. BARIL, M.D.—Laval University, Montreal.
Class C P—
- OSCAR C. BRIDGEMAN, B.A.—University of Saskatchewan, Saskatoon, Sask.
Class P—*Specialty*: Sanitation.
- WALTER CHARLES CARTER, F.I.C.—Dominion Iron and Steel Company, Limited, Sydney, C.B.
Class C M W—*Specialty*: Sulphuric Acid.
- A. T. CHARRON, M.A.—Official Provincial Laboratory, St. Hyacinthe, P.Q.
Class C—*Specialty*: Dairy Products, Soils and Fertilizers.
- DOUGLAS SEAMAN COLE—143 Carling Ave., Ottawa (77th Overseas Battalion).
Class O E—*Specialty*: Water Analysis.
- CHARLES W. GRAHAM, B.A.Sc.—Experimental Farm, Ottawa.
Class C—*Specialty*: Soils.
- MAX M. HAFF—Ottawa, Canada.
Class E C M—*Specialty*: Electro-Chemistry and Metallurgical.
- ROBT. HARCOURT—Ontario Agricultural College, Guelph.
Class P—*Specialty*: Agricultural Chemistry.
- L. C. HARLOW—Agricultural College, Truro, N.S.
Class C P—*Specialty*: Soil Chemistry.
- JOS. H. HARRIS—11 Linnsmore Crescent, Toronto.
Class W—*Specialty*: Fertilizers and Glues.
- D. S. MacMURCHY—Yorkton, Sask.
Class P—
- F. MOORE—Canadian Explosives, Limited, Victoria, B.C.
Class E W—*Specialty*: Explosives, Acids, etc.
- GILBERT WALWORTH MORDEN—Agricultural College, Winnipeg, Man.
Class C P—*Specialty*: Electro-Chemistry, Water Purification.

- H. M. NAGANT—Institut Agricole, Oka, P.Q.
Class P—*Specialty*: Soils, Fertilizers.
- R. W. PERRY—Care of Gunns, Limited, West Toronto.
Class W—*Specialty*: Packinghouse Work.
- NORMAN B. PRICHARD—40 Quebec St., Sherbrooke, P.Q.
Class E M X—*Specialty*: Sulphuric and Nitric Acid Manufacture, latest Commercial Processes.
- P. J. RELYEA, B.A.Sc.—Cornwall, Ont.
Class E W—*Specialty*: Recovery and Utilization of Waste Products.
- F. T. SHUTT, M.A., D.Sc.—Central Experimental Farm, Ottawa.
Class O—*Specialty*: Research Work in Agricultural Chemistry.
- HENRY D. TEFFT—75 Chelsea Ave., Toronto.
Class W—*Specialty*: Packinghouse and Cotton Oil.
- V. A. VICFUSSON, B.A.—University of Saskatoon, Sask.
Class P—
- CHARLES RUSSELL WALKER—Drawer A, Sydney, N.S.
Class A—
- FREDERICK HENRY WIGHAM—755 Ashburn St., Winnipeg.
Class C—*Specialty*: Iron and Steel Manufacture and Wire Drawing, Bessemer and Open-Hearth Steel Blast Furnace Practice.

CLASSIFICATION NO. XVII.

SUGAR, STARCHES, GUMS.

- A. J. BANKS—The Ogilvie Flour Mills Company, Montreal.
Class W E—*Specialty*: Milling and Fermentation Industries, also General Research.
- C. F. BARDORF—St. Lawrence Sugar Refineries, Limited, Montreal.
Class W—*Specialty*: Sugar Products.
- A. F. BLAKE—Atlantic Sugar Refineries, Limited, St. John, N.B.
Class W—*Specialty*: Sugar.
- ROBERT BOYD, B.Sc., F.I.C.—British Columbia Sugar Refining Company, Limited, Vancouver, B.C.
Class W—
- J. B. DOUGALL—432 Lansdowne Ave., Montreal.
Class W—*Specialty*: Sugar.
- D. M. FERGUSON—Care of Acadia Sugar Refining Company, Halifax, N.S.
Class W—*Specialty*: Sugar Refining, Laboratory and Manufacturing Process.
- W. T. GRAY—Port Credit, Ont.
Class W—
- WILLIAM PEROT KAUFMAN, M.D., C.M.—22 Algonquin Ave., Toronto, Ont.
Class W—*Specialty*: Starch and Starch Products, Foods.

FRANCIS ERNEST LLOYD—Department of Botany, McGill University, Montreal.

Class P—*Specialty*: From Botanical and Plants Physiological viewpoint.

NOBLE W. PIRRIE—Imperial Munitions Board, Ottawa.

Class O C—*Specialty*: Consulting Chemist for British War Office.

DR. MICH. POTVLIET—Wallaceburg, Ont.

Class C—*Specialty*: Essential Oils, Sugar Industry.

L. JOSLYN ROGERS—Chemistry and Mining Building, University of Toronto, Toronto, Canada.

Class P C—

PERCY SCOTT—Manager Dows Brewery, 38 Chaboillez Sq., Montreal.

Class C—*Specialty*: Fermentation.

CLASSIFICATION NO. XVIII.

FERMENTATION INDUSTRIES.

A. J. BANKS—The Ogilvie Flour Mills Company, Limited, Montreal.
Class W E—*Specialty*: Milling and Fermentation Industries, also General Research.

J. LEYS GOODERHAM—49 Wellington E., Toronto.

Class C—*Specialty*: Analyst.

NIELS C. ORTVED—Care of Hiram Walker & Sons, Limited, Walkerville, Ont.

Class W—

NOBLE W. PIRRIE—Imperial Munitions Board, Ottawa.

Class O C—*Specialty*: Consulting Chemist for British War Office.

E. B. SHUTTLEWORTH, Dr.—220 Sherbourne St., Toronto.

Class C—*Specialty*: Biological Chemistry.

CLASSIFICATION NO. XIX.

(A) FOODS.

LEONARD T. ACTON—Care of Wm. Davies Company, Limited, 521 Front St. E., Toronto.

Class W—*Specialty*: Packinghouse.

ALFRED WOODLEY ALCOCK—Dominion Grain Research Laboratory, Postal Station B, Winnipeg.

Class O—*Specialty*: Grain and Grain Products.

A. J. BANKS—The Ogilvie Flour Mills Company, Limited, Montreal, P.Q.

Class W E—*Specialty*: Milling and Fermentation Industries, also General Research.

E. D. BROWN—5 St. Mary's Court, Winnipeg, Man.

Class W—*Specialty*: Cereals.

- G. H. BARIL, M.D.—Faculty of Medicine, Laval University, Montreal,
P.Q.
Class C P—*Specialty*: Analysis in Toxicology, Medicine and Hygiene.
- GEORGE HERMYLE BARIL, M.D.—Faculte de Medicine, Universite
Laval, Montreal.
Class C P—*Specialty*:
- ARCH. BLACKIE—223 James St., Winnipeg, Man.
Class O C—Analyst to Imperial Munitions Board.
- (Miss) CARO M. BROWN—Care of Lake of the Woods Milling Com-
pany, Keewatin, Ont.
Class W—*Specialty*: Cereal Chemistry.
- W. BOYD CAMPBELL—(On active service, No. 2 Sanitary Section,
2nd Canadian Division, B.E.F., France), 700 University
St., Montreal.
Class O E—
- A. T. CHARRON, M.A.—Official Provincial Laboratory, St. Hyacinthe,
P.Q.
Class C—*Specialty*: Dairy Products, Soils and Fertilizers.
- C. P. CHOQUETTE, M.A.—College of St. Hyacinthe, P.Q.
Class C—Member of the Dominion Board of Examiners of
Official Analysts.
- DOUGLAS SEAMAN COLE—143 Carling Ave., Ottawa (77th Over-
seas Battalion).
Class O E—*Specialty*: Water Analysis.
- F. C. COLLIER—Inland Revenue Laboratory, 317 Queen St., Ottawa.
Class O—*Specialty*: Metals.
- SIDNEY J. COOK—Laboratory of Inland Revenue, 317 Queen St.,
Ottawa.
Class O—*Specialty*: Analysis of Foods and Drugs.
- J. A. DAWSON—Care of Laboratory, Inland Revenue Department, 249
Hastings St. E., Vancouver, B.C.
Class O—
- W. A. DAVIDSON—Laboratory of Inland Revenue, Postal Station B,
Winnipeg, Man.
Class C O—*Specialty*: Public Analyst.
- WM. R. DRYMAN—Dominion Cannery, Limited, Hamilton.
Class A—*Specialty*: Canned Fruits and Vegetables, Jams, etc.
- E. L. C. FORSTER—Inland Revenue Laboratory, Postal Station B,
Winnipeg, Man.
Class O C—*Specialty*: Foods, Drugs, Electro-Chemistry.
- CHARLES C. FORWARD—Inland Revenue Sub-Laboratory, 50 Bed-
ford Row, Halifax, N.S.
Class O—
- H. J. GARDINER—"Fir Boyd," 242 24th St. W., North Vancouver,
B.C.
Class A—*Specialty*: Flour, Biscuits, Confections.

- H. C. GRAHAM—City Health Department, Edmonton, Alta.
Class C—*Specialty*: City Milk Inspection.
- ROBERT HARCOURT—Ontario Agricultural College, Guelph.
Class P—*Specialty*: Agricultural Chemistry.
- L. C. HARLOW—Agricultural College, Truro, N.S.
Class C P—*Specialty*: Soil Chemistry.
- W. VICTOR KITTO, B.A.—317 Queen St., Ottawa.
Class O—
- P. T. KIRWIN—Laboratory, Inland Revenue Department, 249 Hastings
St. E., Vancouver, B.C.
Class O—
- H. M. LANCASTER—5 Queen's Park, Toronto.
Class O P—*Specialty*: Public Health.
- HOYES LLOYD—11 Swanwick Ave., Toronto.
Class O—*Specialty*: Public Health Chemistry and Supervision
of Dairy Inspection.
- A. J. LANDRY—50 Bedford Row, Halifax, N.S.
Class O—
- ALLAN L. LONG, B.A.Sc.—Matthews-Blackwell, Limited, Toronto.
Class E—*Specialty*: Packinghouse Products and Machinery.
- MAC HARVEY McGRADY—9 St. James St., Montreal, Que., care of
Board of Health, Province of Quebec.
Class C—*Specialty*: Sanitary Analysis.
- A. MCGILL—317 Queen St., Ottawa.
Class O—*Specialty*: Analyst for Inland Revenue Laboratory.
- A. F. McLACHLIN—St. Thomas, Ont.
Class C—*Specialty*: Water Purification.
- GEO. G. MITCHELL—73 Duggan Ave., or 145-155 Sherbourne St.,
Toronto.
Class W—*Specialty*: Table Beverages and Fruits and Juices.
- (Mrs.) D. E. MITCHELL—MacLeod, Alta.
Class O—*Specialty*: Analytical Chemistry.
- CARLETON B. NICKERSON—Dalhousie University, Halifax, N.S.
Class P—*Specialty*: Analytical Work, Consulting Chemist.
- R. W. PERRY—Care of Gunns, Limited, West Toronto, Ont.
Class W—*Specialty*: Packinghouse Work.
- JOSEPH RACE—Laboratories, Ottawa.
Class O Civic—*Specialty*: Bacteriology Water Supply and Sewer-
age Disposal.
- C. H. ROBINSON, B.A.—Experimental Farm, Ottawa, Ont.
Class C—*Specialty*: Meat Products and Canned Foods.
- L. JOSLYN ROGERS—Chemistry and Mining Building, University of
Toronto, Canada.
Class P C—
- R. F. RUTTAN—McGill University, Montreal.
Class P—*Specialty*: Biological Chemistry.

- JOEL B. SAXE—84 St. Antoine St., Montreal.
Class C—*Specialty*: Hon. Res. Secretary, Canadian Section, Society of Chemical Industry.
- S. W. SCARMAN COMPANY, LIMITED—Hamilton, Ont.
Class M—*Specialty*: Hams, Bacon, Lard, Fertilizers.
- J. W. SCOTT, B.A.Sc.—576 Church St., Toronto, Ont.
Class C O—*Specialty*: Chlorination.
- T. P. SHAW, M.D.—1022 Dorchester St. W., Montreal.
Class P—*Specialty*: Physiological Chemistry.
- F. T. SHUTT, M.A., D.Sc.—Central Experimental Farm, Ottawa.
Class O—*Specialty*: Agricultural Chemistry.
- JOHN FERGUSON SNELL—Macdonald College, Que.
Class P—*Specialty*: Maple Syrup and Sugar.
- S. B. TRAINER—Mail Building, Toronto.
Class X—*Specialty*: Manufacturing Powdered Milk.
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Class O—*Specialty*: Bacteriology.
- JOHN F. C. B. VANCE—947 Richard St., Vancouver, B.C.
Class C—
- LEROY E. WESTMAN—Laboratory of Inland Revenue, 317 Queen St., Ottawa.
Class O—*Specialty*: Analysis of Foods and Drugs.

CLASSIFICATION NO. XIX.

(B) WATER PURIFICATION, SANITATION.

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Class A—*Specialty*: Biological Chemistry, Cereals, Grain Investigation, Casein.
- OSCAR C. BRIDGEMAN, B.A.—University of Saskatchewan, Saskatoon, Sask.
Class P—*Specialty*: Sanitation.
- BERNARD BROWN—Paris, Ont.
Class W—*Specialty*: Dyeing.
- A. T. CHARRON, M.A.—Official Provincial Laboratory, St. Hyacinthe, P.Q.
Class C—*Specialty*: Dairy Products, Soils and Fertilizers.
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Class E—*Specialty*: Designer of Plant and Contractor of Sewerage Disposal, Filters, Recovery of Trade Wastes, etc.
- J. A. DAWSON—Care of Laboratory, Inland Revenue Department, 249 Hastings St. E., Vancouver, B.C.
Class O—
- A. V. DE LAPORTE—90 Gloucester St., Toronto.
Class O—

- ROBERT HARCOURT—Ontario Agricultural College, Guelph.
Class P—*Specialty*: Agricultural Chemistry.
- JAS. A. KELSO—University of Alberta, Edmonton, Alta.
Class E C O P—*Specialty*: General Analyst.
- H. M. LANCASTER—5 Queen's Park, Toronto.
Class O P—*Specialty*: Public Health.
- HOYÉS LLOYD—11 Swanwick Ave., Toronto.
Class O—*Specialty*: Public Health Chemistry and Supervision of Dairy Inspection.
- A. J. MACDOUGALL—Toronto Power Company, 12 Adelaide E., Toronto.
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- GEO. E. MITCHELL—73 Duggan Ave., or 145-155 Sherbourne St., Toronto.
Class W—*Specialty*: Table Beverages and Fruits and Juices.
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Class C P—*Specialty*: Electro-Chemistry, Water Purification.
- JOSEPH RACE—Laboratories, Ottawa.
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- R. F. RUTTAN—McGill University, Montreal.
Class P—*Specialty*: Biological Chemistry.
- J. W. SCOTT, B.A.Sc.—576 Church St., Toronto.
Class C O—*Specialty*: Chlorination.
- T. P. SHAW, M.D.—1022 Dorchester St. W., Montreal.
Class P—*Specialty*: Physiological Chemistry.
- E. B. SHUTTLEWORTH, Dr.—220 Sherbourne St., Toronto.
Specialty: Biological Chemistry.
- A. VALERI—317 Queen St., Ottawa, Inland Revenue Laboratory.
Class O—*Specialty*: Bacteriology.
- JOHN F. C. B. VANCE—947 Richard St., Vancouver, B.C.
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Class C P—*Specialty*: Analysis in Toxicology, Medicine and Hygiene.
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Class M—*Specialty*: Pharmaceuticals.

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Class O P—*Specialty*: Public Health.
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Class W—*Specialty*: Pharmaceutical Manufacturing.
- J. D. MOONEY—10½ Campbell Ave., Windsor, Ont.
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Class W—*Specialty*: Manufacture of Fine Chemicals.
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of Toronto, Toronto, Canada.
Class P C—

- A. A. STOKES, Phm.B.—24-26 Hayter St., Toronto.
Class W—*Specialty*: Analytical and Manufacturing Work in connection with Pharmaceutical and Medicinal Substances.
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Class—Administrative.
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Class P—*Specialty*: Analytical Work, Consulting Chemist.
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Class O C—*Specialty*: Consulting Chemist for British War Office.
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Class W—
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of Toronto, Toronto.
Class P C—
- E. T. STIRNE—School of Mining, Kingston, Ont.
Class P—*Specialty*: Research.
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Class W—*Specialty*: Explosives.
- W. C. WADDELL—110 Albany Ave., Toronto.
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Class A—

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St., Montreal.
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Class A—
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Class P—*Specialty*: General School Chemistry—at one time
Foundry Chemistry.
- F. B. KENRICK—University of Toronto.
Class P—*Specialty*: Physical Chemistry.
- S. F. KIRKPATRICK, Ph.D.—Queen's University, Kingston.
Class P—*Specialty*: Metallurgy.
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Class P—*Specialty*: Inorganic and Organic Chemistry.
- A. LEHMANN—University of Alberta, Strathcona, Alta.
Class P—*Specialty*: Organic Chemistry, Professor of Chemistry.
- WILLIAM C. LODGE—53 Rushbrooke St., Montreal, Que.
Class C—
- ALFRED E. MACINTYRE, Ph.D.—Dominion Arsenal, Quebec.
Class O Militia—*Specialty*: General Analysis of Materials for
Munitions, etc.; Metallography, etc.

- R. K. McINTYRE—University of St. Francois Xavier, Antigonish, N.S.
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- J. B. McCARTHY—King's College, Windsor, N.S.
Class P—
- J. A. McRAE—184 University Ave., Kingston, Ont.
Class P—*Specialty*: Organic Chemistry.
- THOS. M. MORGAN—370 Wood Ave., Montreal, P.Q.
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Class P—
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Class P—*Specialty*: Physical, Electro and Colloid Chemistry.
- ALFRED TINGLE—Laboratory, Department of Customs, Ottawa.
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- J. BISHOP TINGLE—McMaster University, Toronto.
Class P—*Specialty*: Organic Chemistry.
- ALEXANDER VACHON—Laval University, Quebec.
Class P—
- E. G. VOSS—326A Eighth Ave. W., Calgary.
Class C—
- F. G. WAIT—Mines Department (Mines Branch), Ottawa, Canada.
Class O—
- ROBT. C. WALLACE—University of Manitoba, Winnipeg.
Class P—*Specialty*: Mineral Analysis and Assaying.
- THOMAS H. YOUNG—Chemist, Canadian Pacific Railway, Winnipeg, Man.
Class C—*Specialty*: General Analytical and Testing.

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