

Canadian Official Record.

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Copies of the CANADIAN OFFICIAL RECORD will be mailed free of charge to members of Parliament, members of the Provincial Legislatures, members of the Judiciary, daily and weekly newspapers, army officers, mayors and postmasters of cities and towns, and to all public officials and institutions who are in a position to disseminate official news.

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EXTRACT FROM ORDER IN COUNCIL No. 2206.

"The Committee of the Privy Council further observes that as this war is being waged by the whole people of Canada, it is desirable that the whole people should be kept as fully informed as possible as to the acts of the Government which are concerned with the conduct of the war, as well as with the solution of our domestic problems; and for this purpose an Official Record should be instituted to be issued weekly for the purpose of conveying information as to all Government measures in connection with the war and as to the national war activities generally."

PULP MANUFACTURE FROM WOOD WASTE

The manufacture of pulp and paper from wood is an industry which has proved itself stable and of increasing magnitude for a number of years. Almost every kind of wood has been proved suitable for the manufacture of some form of paper, but there are considerations affecting the use of each kind which must always be observed. Most of the pulp is made from the wood cut especially for the purpose, but almost any wood can be used, provided that it is reasonably free from dirt, knots, and bark, or that these can be easily removed from it. Sawdust is an exception to this rule on account that the fibres are cut so short that the pulp produced will not felt properly and the cooking is made considerably more difficult. There are several mills in the United States at present using mill-slabs, shavings, and other forms of waste more or less entirely. The advantages of waste wood are, of course, its cheapness and its quantity. There are several disadvantages; it is usually green and full of water, has a large percentage of bark, and comes in irregular shape. Shavings are rather better for the purpose, and if in sufficient quantity make very good raw material. Another point to be taken care of in using waste material such as this is to use the raw material of only one species, or at least species sufficiently alike that they may respond to the same treatment. For instance, on account of the relatively large content of resin in longleaf pine, it would not do to treat this in the same way as spruce. Neither will it be satisfactory to work hard and soft woods together in any one treatment, though any of these can be worked satisfactorily if kept separate. The process to be used will depend chiefly on the raw material at hand, and on the market for any particular variety of pulp, as stated in a circular entitled "Chemical Methods of Utilizing Wood Wastes," by W. B. Campbell, B.Sc., issued by the Forestry Branch, Department of the Interior.

Automobile Insurance.

During the year 1918 automobile insurance claims amounting to \$383,917 were paid by the companies insuring automobiles in Canada, as shown in the report of the Superintendent of Insurance, Department of Finance.

Are you buying W.S. Stamps?

POSITIONS UNDER AIR BOARD ARE ADVERTISED

Superintendent of Flying Operations, Secretary and Medical Officer are Asked For—Other Positions Open in Civil Service.

The Civil Service Commission of Canada gives notice that applications will be received from persons qualified to fill the following positions under the Air Board, the tenure of office to be for three years, renewable:—

A Superintendent of Flying Operations; Salary \$4,500 and up.

1. A Superintendent of Flying Operations under the Air Board, at an initial salary of \$4,500 per annum; to have charge, under executive direction, of the Flying Operations Branch of the Air Board; to organize and direct such flying operations as may be undertaken by the Government of Canada; to have charge of Government supply depots; to advise as to the proper types of machines for various kinds of Government duty; to be responsible for the purchase and storage of Government machines and equipment; to supervise their proper up-keep and repair; and to perform other related work as required.

Candidates should have education equivalent to university graduation; at least two years of flying experience in a British Air Force; wide experience of flying various types of flying machines; knowledge of numerous types of flying machines and of the theory of flying; ability to select the proper type of machine for given operations; and to organize and administer flying undertakings. Candidates must be able and willing to fly.

A Superintendent of Certificate Branch; \$3,600 and up.

2. A Superintendent of Certificate Branch for the Air Board, at an initial salary of \$3,600 per annum, to have charge, under executive direction, of the Certificate Branch; to approve air routes and aerodromes; to supervise the examination and to approve of flying machines for airworthiness; to supervise the examination of and the issue of certificates and licenses to pilots, navigators and mechanics; and to perform other related work as required.

Candidates should have education equivalent to university graduation; at least two years of flying experience in a British Air Force, with wide experience in flying all types of flying machines; thorough knowledge of the theory of flight, the design of flying machines, and principles and practice of aerial navigation, the materials entering into the construction of aeroplanes and engines, and the rigging and overhauling of all types of machines; administrative and organizing ability. Candidates must be able and willing to fly.

Secretary, Air Board; Salary \$3,000-\$3,720.

3. A Secretary, Air Board, at an initial salary of \$3,000 per annum, to have charge, under executive direction, of the Secretary's Branch of the Air Board; to handle correspondence, compile and direct the publication of reports, and generally administer the routine work of the Air Board; to keep records and minutes of proceedings; to keep in touch with aeronautical improvements, achievements, and literature; to supervise and direct the acquisition of aeronautical information and its distribution to the members of the Air Board and to other officers; and to perform other related work as required.

Candidates should have education equivalent to graduation from a university of recognized standing; at least two years of office experience, one year of which should have been in connection with aeronautics; a thorough knowledge of the various types of aircraft, and accessories; and administrative and organizing ability. Candidates must be willing to take the air.

Medical Officer, Air Board; Salary \$2,400 per annum.

4. A Medical Officer for the Air Board, at an initial salary of \$2,400 per annum, to undertake the direction of the Superintendent of the Certificate Branch, the medical examination of candidates for and holders of pilots' and navigators' certificates; and to do other related work as required.

Candidates should have been graduated from a medical school of recognized standing with a Provincial or Dominion license to practice medicine and have had medical experience with an Air Force Squadron. Candidates must be willing to take the air.

General Directions.

Selections for eligible lists of applicants qualified to fill similar vacancies which may occur in future may be made from applications for these positions. Future vacancies will probably include an Assistant Secretary; in the Certificates Branch, two Inspectors, one for Pilots and Navigators and one for Aeroplanes and Mechanics; and in the Operations Branch, a Flying Officer, and an Equipment and Supply Officer.

According to law, preference is given to returned soldier applicants, possessing the minimum qualifications. Returned soldiers must furnish a certified copy of their discharge certificates, or in the case of commissioned officers, a certified statement of their military services.

Application forms must be filed in the office of the Civil Service Commission not later than the 21st of August, 1919.

Such forms may be obtained from the Secretary of the Civil Service Commission, Ottawa, the Vice-Chairman of the Air Board, Ottawa, or the Dominion-Provincial Employment Offices.

By order of the Commission,

W. FORAN,
Secretary.

Ottawa, July 24, 1919.

The Civil Service Commission of Canada give notice that applications will be received from persons qualified to fill the following positions in the Civil Service of Canada:—

A Trade Commissioner for Havana, Department of Trade and Commerce; Salary \$3,000 per annum with \$500 Living Allowance.

I. A Trade Commissioner for Havana, Department of Trade and Commerce, at a salary of \$3,000 per annum with \$500 living allowance. Preference will be given to candidates with some experience as Junior Trade Commissioner or as Assistant to Trade Commissioner. They should be, preferably, business men of prepossessing personality, tact, fluency in conversation, facility in writing terse English, and ability to investigate and get accurate commercial information. A knowledge of Spanish is desirable.

A Law Clerk for the Soldier Settlement Board; Salary \$1,800 per annum.

II. A Law Clerk for the Soldier Settlement Board at an initial salary of \$1,800 per annum. Candidates must have education equivalent to graduation from a recognized school of law; they should have at least one year's general law practice; a knowledge of modern office practice, and supervisory ability.

A Hydrometric Recorder for the Reclamation Service at Calgary; Salary \$1,500 per annum.

III. A Hydrometric Recorder for the Reclamation Service at Calgary, Department of the Interior, at an initial salary of \$1,500 per annum. Applicants should be science graduates of a recognized university, or be members or associate members of the Engineering Institute of Canada, the British Insti-

tute of Civil Engineers or the American Society of Civil Engineers. They should be not more than thirty-five years of age, and of strong constitution.

A Hydrometric Recorder for the B.C. Hydrometric Survey, Dominion Water Power Branch; Salary \$1,500 per annum.

IV. A Hydrometric Recorder for the B.C. Hydrometric Survey, Dominion Water Power Branch, Department of the Interior, at an initial salary of \$1,500 per annum. Applicants should not be more than 35 years of age; they should be graduates in engineering of some recognized Canadian or British university and should have at least two years' experience in field and office engineering, a portion of which must include stream measurement and general hydrometric survey work, preferably in British Columbia.

An Assistant to the Flax Specialist, Experimental Farm, Ottawa; Salary \$1,380 per annum.

V. An Assistant to the Flax Specialist, Experimental Farm, Ottawa, Department of Agriculture, at a salary of \$1,380 per annum. Candidates should have education equivalent to high school graduation, preferably, with some university or agricultural college training. They should have a thorough knowledge of the agricultural and manufacturing branches of the flax industry, with special reference to retting, scutching, hackling and grading fibres. A knowledge of office work is desirable.

An Assistant in the Motion Picture Division of the Exhibits and Publicity Bureau; Salary \$840 per annum.

VI. An assistant in the Motion Picture Division of the Exhibits and Publicity Bureau of the Department of Trade and Commerce at an initial salary of \$840 per annum. Preference will be given to applicants with a knowledge of photography and the operation of motion picture projection machines.

General Directions.

The salaries for the above positions will be supplemented by such bonus as may be provided by Parliament.

Selections for eligible lists of applicants qualified to fill similar vacancies which may occur in future may be made from the applications for these positions.

According to law, preference is given to returned soldier applicants, possessing the minimum qualifications. Returned soldiers must furnish a certified copy of their discharge certificates, or in the case of commissioned officers, a certified statement of their military services.

In the case of positions numbers 3 and 4 attention is drawn to the fact that appointments to these positions shall be made, so far as practicable, from bona fide residents of the province in which the position is situated.

Application forms properly filled in, must be filed in the office of the Civil Service Commission not later than August 22. Application forms may be obtained from the Dominion-Provincial Employment Offices or the Secretary of the Civil Service Commission, Ottawa.

By order of the Commission,

W. FORAN,
Secretary.

Ottawa, July 24, 1919.

Accidents at Railway Crossings.

At 1,028 urban and 1,049 rural protected railway crossings and 3,822 urban and 20,985 rural unprotected crossings 73 people were killed and 132 injured by railway trains in Canada during 1918, according to statistics compiled by the Department of Railways and Canals.

Railway Despatching.

On the railways of Canada during 1917-18 train despatching by telegraph was practised exclusively on 21,811 miles of line; on 9,922 miles of line trains were despatched by telephone alone, and on 5,867 miles both telegraph and telephone were used, as stated in railway statistics for the year ended June 31, 1918, issued by the Department of Railways and Canals.

Buy Thrift Stamps for children.