

the Student Board and Manager of the Track Team. He was employed by the Inspiration Consolidated Copper Company, of Miami, Arizona, and became a mine foreman. He is a member of the Sons of the Revolution and of Phi Kappa Psi Fraternity. He has two brothers in the Army in France: Harold C., who left for the front in June, 1917, and is with the Ambulance Corps, and James A., who left for the front in July, 1917, has finished his training as aviator, and has been awarded his commission as 1st Lieutenant.

The Record was grieved to receive a few days ago intelligence of the death of our old friend, Frank Burrows, and this will be painful news to very many in Cumberland, Pictou, Annapolis and other Counties in the province. Our acquaintance with Frank began long years ago in the misty past, and the friendship began then has been continued unbroken. Frank held many important positions in several mining districts, and also was manager at Torbrook shortly before iron mining in that region ceased. Wherever his bent or his duty led him, Mr. Burrows was highly esteemed. It is common now-a-days to use extravagant language in speaking of the dead. The Record is content to say that we always liked Frank, and the longer we knew him the better we liked him.

The deceased left the office of the Nova Scotia Steel and Coal Co., Wabana, at ten minutes to twelve on the 2nd March. His nose was bleeding slightly when he left, and after arriving at the house it became worse. When the Doctor arrived he said it was a Cerebral Hemorrhage and serious. He became unconscious at twenty five after twelve and passed away in that condition at 5 p.m. Good-bye, Frank, till we meet again.

Under an arrangement with the Hon. C. C. Ballantyne, Minister of Marine, the Dominion Iron & Steel Corporation will construct a plant at Sydney, Cape Breton, for the rolling of steel plates for shipbuilding purposes. The plant will be ready in about 15 months. The company will receive Government orders, and will also be open to execute ordinary commercial orders. The arrangement is part of the Government's programme to meet the world-wide shortage in vessels and to assist the Canadian shipbuilding industry. The contract with the Government calls for 250,000 tons of ships' plates, over a period of five years, with a minimum of 50,000 tons a year. The cost of the mill is estimated at five million dollars.

Large piles of coal in storage are often in serious danger of spontaneous combustion. The height, to prevent this, should never be more than 20 ft. and sometimes not more than 12 ft. Care should be taken to limit the horizontal area of the piles in order to make them accessible for inspection and segregation to provide for their proper draining, and to avoid the storage in them of different kinds of coal, and coal containing large percentages of sulphur. The piles should be ventilated with horizontal flues through the lower parts and should periodically be sounded for temperature.

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manager, as the case may be, in respect of daily supervision being performed.

(a) in the absence of the manager, by the underground manager, appointed in writing by the owner or agent;

(b) in the absence of the underground manager in the case of a mine for which a separate underground manager is required by this Act to be appointed, by a person not under the age of twenty-five years and holding a certificate as an overman, under this Act; and any person performing the duties of a manager or underground manager whether under this Act or under the last preceding section, shall have the same responsibility and shall be subject to the same liability as the person whose duties he is performing.

(3) If in any mine there is a contravention of, or non-compliance with the provisions of this section, the mine shall be deemed to be not managed in conformity with this Act.

#### Certificates of Competency.

7. There shall be the following descriptions of certificates of Competency under this Act, that is to say:—

1. Manager.
2. Underground Manager.
5. First, Second and Third Class Stationary Engineers.

8. (1) For the purpose of ascertaining the fitness of applicants and recommending the granting of Certificates of Competency under this Act, the Commissioner shall appoint a Board of Examiners consisting of:—

- (a) the Inspector of Mines;
- (b) two Mine Managers,
- (c) two experienced Coal Miners
- (d) two Mechanical Engineers holding First Class Certificates of Competency.

(2) The members of said Board shall hold office during the pleasure of the Commissioner.

(3) The procedure of the Board shall be in accordance with regulations made by the Board, subject to the approval of the Commissioner.

(4) The Board shall, at such intervals as the Commissioner determines, make to him a report of its proceedings and such other matters as may be required by the Commissioners.

10. (2) The Board shall, subject to the approval of the Commissioner, make regulations for the qualifications of applicants for Certificates of Competency under this Act. Such regulations shall amongst other things provide:—

(a) If a candidate for manager, underground manager or overman, that the applicant is a British subject of the full age of 21 years and has had at least four years experience underground in a coal mine, one year of which must have been at the working face;

(b) if a candidate for manager, that the applicant, must in addition, be the holder of a Certificate of Competency as an underground manager and have served one year as such;

(c) if a candidate for underground manager, that the applicant, must in addition be the holder of a Certificate of Competency as an overman and have