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Some Provisions of New Engineers' Act

Some of the clauses of the 1932 Engineers' Bill as now being drafted. Effect in Mining Lines May be Estimated.

When the resolution from Englehart regarding opposition to the new Engineers' Act came before the recent meeting of the Northern Ontario Associated Boards of Trade at Timmins, it was pointed out that discussion seemed to be premature as the provisions of the new act were not known. Statements as to what was intended could not be substantiated or effectively denied because the draft of the bill was not available. In the discussions outside the boards of trade the same situation was evident.

It should be accepted as a fact that everybody wants to see the practical mining man protected, and certainly no one would agree to any injury being done to the prospector. Below will be found the important clauses of the 1932 bill as published last week from a draft copy secured by The Northern Miner. The Northern Miner has been opposing the bill on the grounds that it would prejudice the interests of the practical mining man and the prospector. There does not seem to be anything in the draft that will hurt the prospector in any way. The Northern Miner can not point out the clause that will affect the practical mining man who does not pose as an engineer. A liberal interpretation of the proposed act would seem to allow prospectors and practical mining men to carry on much as they have been doing few of them wishing to pose as professional engineers. The following are "the most interesting clauses of the 1932 bill according to a draft copy," as published by The Northern Miner:—

Professional Engineers' Bill
"Professional Engineering" shall mean the advising on, reporting on, designing of, or directing the construction of, all public utilities, industrial works, railways, tramways, bridges, tunnels, highways, roads, canals, harbour works, lighthouses, river improvements, wet docks, dry docks, floating docks, dredges, cranes, drainage works, irrigation works, waterworks, water purification plants, sewerage works, sewage treatment works, incinerators, hydraulic works, power transmission, steel concrete and reinforced concrete structures, electric lighting systems, electric power plants, electric machinery, electric apparatus, telephone systems, telegraph systems, cables, wireless plants, mineral property, mining development, mining operations, quarries, gas and oil developments and equipment and apparatus for carrying out such operations, machinery, steam engines, hydraulic turbines, pumps, boilers, heating installations, internal combustion engines and other mechanical structures, chemical and metallurgical machinery and manufacturing equip-

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ment, aeroplanes, air ships, all other engineering processes and works, or works of a similar nature, when such advising on, reporting on, designing of, or directing the construction of such work or works involves the skilled application of the principles of mathematics and applied science. R.S.O. 1927, c. 206, s. 2 (g).

(2) Only such persons as are members of the Association hereby incorporated as such under the provisions of this Act, shall be entitled to take and use the title "Professional Engineer," or any abbreviation thereof, or to practise as a professional engineer within the Province of Ontario; provided, however, that a person having the title "Professional Engineer" in another province, while practising in Ontario under license under section 21 of this Act use his title in full, including the name of his province. R.S.O. 1927, c. 206, s. 19 (1) amended.

(3) If the applicant for membership be a resident of Ontario, and if the statement hereinbefore referred to gives evidence of engineering experience over a period of not less than five years, and such experience be considered satisfactory by those members of council representing the branch or branches in which registration is desired, the applicant shall be admitted to membership after passing an examination, except as hereinafter provided, in the theory and practice of such branch or branches of engineering, or, in lieu of such examination, upon submission of evidence satisfactory to those members of council representing such branch or branches and to the council as a whole that the applicant has the necessary experience and qualifications. R.S.O. 1927, c. 206, s. 10 (5), amended.

(4) An applicant for membership who is a graduate in any branch of engineering or of science the practice of which constitutes professional engineering as defined in clause f of section 2 of this Act on presenting satisfactory evidence of such graduation from a university approved by the council, shall be allowed, as part of his term of engineering experience hereinbefore specified, the actual time of instruction in such university, provided, that such allowance shall not exceed two years. Such applicants for admission to membership shall not be required to submit to the examination hereinbefore referred to. R.S.O. 1927, c. 206, s. 16 (1) amended.

(5) Registration may be granted without requiring the passing of the prescribed examinations to any person who makes application therefor, on or before such date as may be fixed by the regulations, upon proving to the satisfaction of the board that the applicant is of good character:
(a) and has been practising as an engineer in Ontario for at least one year prior to the first day of July, 1932.
(b) and gives evidence of not less than ten years' engineering experience and qualifications satisfactory to the council. New.

The members of the council as a whole shall control the conditions for registration in the Association, but those members of the council which represent any given branch shall control, except as herein otherwise provided, the conditions for registration in such branch, including credentials, examinations, and exemptions, provided that the council as a whole shall have the power to review the establishment and the carrying out of the conditions for registration as established and administered by the councillors from the various branches, and shall have the power to require such councillors to so alter their requirements and administration as to maintain a standard of qualification in members satisfactory to the council as a whole. R.S.O. 1927, c. 206, s. 9 (1, 2), amended.

(4) Any person who is not a resident of Canada, but who, in the opinion of the members of council for any branch is recognized as a specialist in such branch of engineering, and has had not less than ten years' experience in the practice of professional engineering, or who presents evidence satisfactory to such members of council that he has equal qualifications with those required for registration in such branch of engineering may upon application be granted a license to temporarily practise in the Province of Ontario in that branch of engineering. R.S.O. 1927, c. 206, s. 17 (2), amended.

Discipline
(1) The council may at its discretion reprimand, censure, suspend, or expel, any member guilty of:
(a) Conduct detrimental to the reputation or welfare of the Association;
(b) Conduct unbecoming a Registered Professional Engineer;
(c) Gross professional negligence;
(d) Unprofessional conduct; or
(e) Breach of the by-laws of the Association. R.S.O. 1927, c. 206, s. 33 (1), amended.

Penalties
(1) Any person in the province of Ontario who not being registered as a

SAID TO BE FOUR MILLION CHRISTMAS TREES EXPORTED

Around Christmas time The Advance made mention of the Christmas trees exported from Canada and one reader at least doubted the truth of the expression that "millions" of Christmas trees were shipped from Canada to the United States in the course of a season. "Thousands" would be nearer the mark," he suggested. The difference between thousands and millions is not much between friends but it must be pointed out that the "millions" estimate is millions nearer the mark than thousands. There are thousands of trees going each year from Ontario alone and this province has by no means any monopoly on the trade. In this regard a clipping from The National Revenue Review, a Dominion Government publication may not be out of place. This paragraph says:—
"The sale of Christmas trees has in recent years developed into a substantial enterprise in Canada. It is estimated that about 4,000,000 trees are cut in the Dominion to meet the Christmas demand, and the most of these are exported to the United States. Most of the Canadian trees that find a market in United States centres are shipped from New Brunswick and Nova Scotia. The New York City market alone absorbs from 200 to 250 carloads of Canadian trees. There is an average of 3,500 trees in a carload. In 1930 the value to the shippers of trees exported from Canada was \$303,396."

It's interesting to note that if there are four million Christmas trees shipped to the United States and the receipts to the shippers is \$303,396.00, then the trees net the shippers only 7 1/2 cents each, which seems a really small return indeed. The export business in Christmas trees is not at all profitable compared to the home market. In Timmins, for instance, the price for a small tree is 25c, with prices for the better grade of trees ranging from 35c and 50c to \$1.00 and even more.

member of the Association in the Province of Ontario, or licensed by the Association:

(a) uses verbally or otherwise the title of Professional Engineer, or who makes use of any addition to or abbreviation of such title, or of any words, name or designation that lead to the belief that he is a professional engineer or a member of the Association, or licensed by the Association;

(b) advertises or holds himself out in any way or by any means as a member of the Association;

(c) practices as a professional engineer, shall incur a penalty of not less than \$100 nor more than \$200 for the first offence, and of not less than \$200 nor more than \$500 for any subsequent offence. R.S.O. 1927, c. 206, s. 34, amended.

O.hawa Times:—The Disarmament Conference is making some headway in its preliminary discussions, despite the war clouds which hang over the world. It almost seems like reducing the fire department while it is fighting a conflagration.

Thinks There is Too Much Talk About Depression

An editorial last week in The Canada Lumberman says:—

"It takes all kinds of people to make a world, while the longings, ambitions, aspirations, and dreams of the populace build business. It is the dissatisfaction of humans, their desire for change, their striving for happiness and their search for ease, comfort or wealth which rears motion other wheels of activity. For instance, there is the fellow who wants to sell his home and is despondent because he cannot do so, while another resident on the same street, who has been renting all his life is anxious to buy or build a neat little abode for himself and the family. In a similar sense, many a youth is striving to get married and a number of benedicts are seeking through the medium of the divorce court to be made free. Various other illustrations might be presented regarding what someone has called "divine discontent."

"The man with a clerical job wishes that he was in the mechanical line while the latter is firm in the conviction that he would have made a splendid salesman. The salesman fondly conjures up a picture of some day becoming a successful manufacturer and the manufacturer frequently expresses the desire that he would like to be an individualist; one, who reaps all of the profits from his own efforts and does not, as many an industrial owner claims simply conduct a business to be an employment agency for others. Many analogous examples could be furnished but these will probably answer the observations that follow.

"In respect to the lumber business, there is heard on all sides, too much talk of depression and despair, just as there was two years or so ago an excess of optimism and abundant prosperity. There is a happy medium with respect to every situation in life. Business after all is largely a state of mind as it exists in the mass, and the mass is made up of individuals. As each unit thinks so the bigger body moves and acts. In many factors, that now make for gloom and despondency, were suppressed, there would be a welcome change of outlook and feeling in the near future.

"In this connection, there lately came to the "Canada Lumberman" a communication worth reproducing, from a wholesale lumberman who says:—"We should help to create the feeling that business is not sick or, at least, there is no real cause for any sickness, but that the illness is with folks who do not have confidence enough in themselves or the world at large. We think the banks must have about all the money stored away but they are not very enthusiastic about turning it loose unless they can see large returns, for every dollar going out. We believe the monetary tightness starts largely with them. They made so much pouring money into the stock market when they got unreasonable interest on all loans. It seems to stick in their minds that this condition should exist with regular legitimate business, but business cannot stand it and it looks as if financial institutions are not giving business the encouragement that they should. All things must come to a head, and while the tail may act as a rudder, as in the case of a fox running through the woods, still the tail cannot do the thinking, or, in other words, furnish the dynamo for activity. If we can tinker up the dynamo and get it running half way smoothly we believe the rest of the machinery is all oiled up and ready to operate."

Hamilton Spectator:—Four Chicago politicians who participated in graft loot of \$5,000,000 have been sentenced to serve a few months in jail and pay nominal fines of \$2,000. Which would create the suspicion some of the \$5,000,000 has been hard at work recently.

HOPEFUL ABOUT A START BEING MADE ON NEEDED ROAD

The Sudbury Star last week says:—"What may be the first step in bringing about the long cherished ambition of both camps for a direct connecting road between the Porcupine gold area and the Sudbury nickel district, is seen in the starting of road construction work into McArthur township, south of Timmins. The new road is to gain access from Timmins to Clear Lake, where several mining syndicates are engaged in development work on their properties. At the property of the Clear Lake Porcupine Syndicate, it is reported, diamond drilling is in progress. Last fall when the matter of a road from Sudbury to Timmins was brought before the government, Hon. W. H. Finlayson, Minister of Lands and forest, bluntly told the government had no intention of paralleling its main arteries of traffic in Northern Ontario. One of the arguments used in favour of the road is the fact that it would open up a very large and important area of rich mineral possibilities. Some opposition to the plan is reported to have come from T. & N. O. sources. This is improbable as the government-owned railway stands to benefit from any development, mineral or otherwise, that would assist in opening up the North. The question of the road, however, is receiving close consideration at both Timmins and Sudbury as well as intervening points, and will be the subject of renewed agitation in the near future."

KIRKLAND LAKE TO HAVE OFFICIAL WEATHER BUREAU

At the last meeting of the Teek township council reference was made to the need of an official weather bureau at Kirkland Lake. It was pointed out that in case of accidents on the street, the insurance companies require definite information on weather conditions. It was considered by the Teek township council that it is not enough to have guesses or estimates by citizens as to the amount of rain or snow that may have fallen or whether the wind was blowing hard enough to be called a gale. No doubt the council of Teek township also feels that the keeping of weather records is also of general interest and value apart from its use in legal affairs. In any event the Teek council decided it would not even wait to get the Dominion Government to install a meteorological station at Kirkland Lake, but instead the council plans to have official records of the weather kept from now on, the work likely being delegated to the pumphouse staff. There is not a great deal of time taken up by the work, the chief thing being carefulness, accuracy and attention.

Detroit News:—In spite of the splendid education which two hemispheres gave him, Mahatma Gandhi evidences that he was just what he looked to be, an Indian wrapped in a sheet and drinking goat's milk. He went back to India after parading before the world in his prophet's garb and atmosphere, muttering the little, prejudiced, racial, sectional hatreds which might be heard out of any common mouth in any embittered part of this bewildered world. There is no hint of world vision in these threats to help "make more acute the British crisis" and contribute to the devaluation of British currency.

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