

**NEW CEMENT WORKS.**

The Lehigh Portland Cement Company, Limited, the officers of which were published in a recent issue, are constructing extensive works at Point Ann, about four miles east of Belleville, Ont. The

works will have a capacity of 2,500 barrels per day, or an annual capacity of not less than 750,000 barrels. They will manufacture the same high grade of cement that they now manufacture in the United States under the name of the

"Lehigh" brand. Offices will be established in Toronto, which will be in charge of Mr. A. W. Thorn, while Mr. T. R. Billett, 811 Union Bank Building, Winnipeg, will be the company's western representative.

**One Grade****"The Cement of Quality"****The Highest**

Tests of

**NATIONAL Portland Cement**

BY

The City Engineer of Toronto for 1903-4

Note the High Grade of National. Compare it with others.



Year.	No Samples Tested.	Soundness Fajji Test.	Specific Gravity	Residue in No. 100 Sieve	Setting Time in Minutes		Tensile Strength in pounds per square inch.									
					Initial	Final	Neat.					3 (Sand) to 1 (Cement)				
							1 dy.	7 d. a.	28 d. a.	3 mos.	1 yr.	1 dy.	7 d. a.	28 d. a.	3 mos.	1 yr.
1903	20	O.K.	3.135	2.1	162	345	307	701	783	827	*	74	214	299	367	*
1904	44	O.K.	3.150	2.0	132	342	300	744	848	914	938	86	262	354	401	427

\* Tests for 1 year were not completed when records closed. 1905 report not yet issued.

**THE BEST IS THE CHEAPEST****The National Portland Cement Company**

Limited

Head Office and Mills: DURHAM, ONTARIO

## Defy Competition

The Ideal Concrete Machine for the manufacture of Concrete Building Blocks makes it possible to profitably undersell all other building materials in all localities.

Ideal Blocks can be sold far below the cost of brick, lumber or natural stone. Excell them all in durability and fire and weather proof qualities. Adaptable to any possible architectural design.

## IDEAL CONCRETE MACHINERY

Wonderfully simple in construction. No chains, springs or gears. Embody the only principle (face down) permitting the practical use of rich facing material with less expensive material in back of blocks. Adaptable to any size block within capacity.



The same machine makes blocks in countless ornamental designs and natural stone effects.

Write and learn how easily, rapidly and profitable **one man** can turn out Concrete Building Blocks with an Ideal Machine.

## IDEAL CONCRETE MACHINERY CO.,

Joseph Street,

LONDON

CANADA

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