

**THE GREY AND BRUCE PORTLAND CEMENT COMPANY**  
of Shallow Lake, Limited.

Manufacturers of  
**"HERCULES" BRAND OF PORTLAND CEMENT**

Very finely ground. Censurpassed for Sidewalks, Floors and all work requiring the Highest Grade of Portland Cement. For prices and address,

A. D. CREASOR, Sec'y-Treas.  
Head Office, Owen Sound, Ont.

Phone No.: PARKDALE 180p. Post Office and Telegraph Address: SWANSEA.

**THE DOMINION SEWER PIPE CO., LIMITED**  
SWANSEA, TORONTO, ONT.



MANUFACTURERS OF

**VITRIFIED SALT GLAZED - SEWER PIPES**

Price Lists and Discounts on Application

In Sizes from 4 inches to 24 inches

**GERMAN ALSEN**, at higher prices than competitors has again this year been awarded the most important contracts of the

because practical tests by leading Engineers proved its merit and relative economy. Note the following:

	1905-1906		1905-1906
MEXICO CITY	120,000 bbls.	U.S. PHILIPPINE GOVMT. ORDER	40,000 bbls.
X DAM (shipping instructions so far 60,000 bbls.) approximate amount	175,000 bbls.	GOVMT. ORDER SOUTH AMERICA	150,000 bbls.
XOCHIMILCO WATER WKS., MEX. approximate	200,000 bbls.	RIO DE JANEIRO, SANTOS, ETC.	40,000 bbls.

Also enormous quantities for the PACIFIC COAST, AUSTRALIA, ENGLAND, SOUTH AFRICA, ac.

There is always a certain trade who will pay for the best. We also make American Alsen, the highest grade of domestic Portland cement.

**CEMENT**

45 BROADWAY, NEW YORK CITY

**CEMENT**

We protect our customers!



**The Toronto Pressed Steel Co., Limited**  
Toronto and Winnipeg

Manufacturers

Drag Scrapers (Solid pressed bowl)  
Wheel Scrapers (pressed or square bowls)  
Dump Cars, from 1 to 3 yards  
Wheelbarrows, Wood or Steel Trays  
Waggons, Carts, Cement Mixers, Etc.



Prompt delivery from stock at Toronto and Winnipeg.  
Send for complete catalogue. Write nearest office.

**Canadian White Company, Limited**

SOVEREIGN BANK BUILDING, MONTREAL, CANADA

WINNIPEG OFFICE: BANK OF BRITISH NORTH AMERICA BUILDING

**ENGINEERS AND CONTRACTORS**

FOR

Steam and Electric Railroads; Electric Light and Power Plants; Building Construction; Water and Gas Works; Docks, Harbor Works, etc., etc.

J. G. WHITE & COMPANY, INC.,  
New York City

J. G. WHITE & COMPANY, LIMITED,  
London, England

WARING-WHITE BUILDING CO.,  
London, England

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 Test on No. 100 Sieve	Setting Time in Minutes		Tensile strength in pounds per square inch.									
					Initial	Final	Net.					3 (Sand) to 1 (Cement)				
							1 dy.	7 d.	28 d.	3 mos.	1 yr.	1 dy.	7 d.	28 d.	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