

ANNUAL  
REPORT

Dominion Engineering  
Works, Limited



FOR YEAR ENDED  
31st DECEMBER, 1935

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ANNUAL  
REPORT

Dominion Engineering  
Works, Limited



FOR YEAR ENDED  
31st DECEMBER 1935

# DOMINION ENGINEERING WORKS, LIMITED



## *Directors*

G. H. DUGGAN.....	<i>President</i>
HON. A. J. BROWN, K.C., <i>Vice-Pres.</i>	JULIAN C. SMITH, <i>Vice-Pres.</i>
W. F. ANGUS	HOWARD MURRAY
L. J. BELNAP	JOHN H. PRICE
NORMAN J. DAWES	PAUL F. SISE
SIR HERBERT S. HOLT	H. BIRCHARD TAYLOR
J. A. MATHEWSON, K.C.	HON. SMEATON WHITE



H. G. WELSFORD.....	<i>General Manager</i>
F. W. EVENS.....	<i>Secretary</i>
J. S. HOUSTON.....	<i>Treasurer</i>

# DOMINION ENGINEERING WORKS, LIMITED



17th March, 1936

TO THE SHAREHOLDERS,

DOMINION ENGINEERING WORKS, LIMITED.

Your Directors submit the Annual Report of the Company together with Balance Sheet as at the 31st December, 1935, and relative Profit and Loss Account certified by your Auditors.

The Profit and Loss Account for the year showed an operating deficit of \$283,553.98 after charging depreciation. This loss was principally due to insufficient work going through the shop to absorb the operating overhead at standard rates, and your Directors considered it proper to transfer \$240,000 from Operating Reserves to the credit of Profit and Loss. These reserves were created during the years of large output against the time when the Company might be operating upon a reduced basis, as it was during 1935.

There was expended on Capital Account for additions to equipment \$40,732.93.

Development work on new products and for improving your Company's other products has been actively continued during the year. The cost of this work has been charged to current operations.

The plants and equipment have been maintained in an efficient condition.

The stocks of raw material and manufacturing supplies are well assorted and saleable; the inventories have been valued at conservative prices.

The value of new business secured during 1935 increased by 81% over 1934 and was 53% over the average for the four years commencing 1931.

New business available is, however, still much below the years prior to 1931 as shown by the following comparison of sales during the past five years as a percentage of the average for the five years prior thereto.

1931.....	23.4%
1932.....	11.3%
1933.....	25.4%
1934.....	16.0%
1935.....	29.0%

The sales for the year are encouraging in that the increase in sales was effected without the assistance of any large contracts, the business being all in moderate and small sized orders. Further-

more, about 40% of the business booked was accounted for by new lines of work which your Company has taken up or developed since 1930.

Sales of machinery to the paper mills increased by 67%, consisting entirely of repairs and improvements to existing machines. No new machines were contracted for during the year.

Eight electric steam generators were sold, having an aggregate capacity of 46,000 K.W.

Orders were received by your Hydraulic Department for a few hydraulic turbines of moderate size. Three large axial flow pumps of 55 million Imperial gallons per day capacity are under construction for the City of Montreal.

Your Company has acquired the exclusive license in Canada to the Reiffenstein Patents, a recent European development in water turbine design, which has interesting possibilities.

Orders for rolling mill machinery, mining machinery, transmission machinery and hydraulic presses were about two and a half times larger than in 1934.

The sale of equipment to the rubber industry was smaller than last year.

The improved type of ball mill introduced by your Company three years ago is finding increasing favour with the mines and twelve of these were sold during the year. One of these, a mill 9' x 14', is the largest ball mill in Canada.

Your Company has designed and is now building for delivery early in 1936 one 10 ft. single drum and one 10 ft. double drum mine hoist for Dome Mines Limited.

The Diesel Engine Department opened last year, has made a satisfactory beginning and a number of engines were sold, all of which were brought in from our Associates in England. Your Company is now preparing to manufacture the types for which there is the greatest demand and Canadian built Dominion-Crossley Diesel Engines should be ready for delivery to customers within a few months. This will enable your Company to give prompt delivery of new engines and a complete parts service to Canadian users.

The services of the Bantam Ball Bearing Company of South Bend, Indiana, have been engaged to advise in the design and manufacture of roller bearings in Canada. Much of the machinery built by your Company requires bearings of special design, particularly of the larger sizes, and the Bantam Company's business is mainly of this character. The necessary special equipment has been installed and the manufacture of roller bearings was commenced during the year.

Your Company has recently installed a special melting furnace and machine shop equipment for the production of chilled iron rolls. This type of roll is used in considerable quantities with machinery for the manufacture of rolled steel, brass, copper, aluminum and other metals, and by the paper, rubber, linoleum and food product industries. Chilled iron rolls have not previously been made in Canada.

Your Directors are pleased to report that the engineering and technical staffs have fully maintained the Company's reputation for good design and workmanship and wish to record their appreciation of the faithful and efficient service rendered by the officers, staff and employees of all departments.

BY ORDER OF THE BOARD OF DIRECTORS,

G. H. DUGGAN,  
*President.*

# DOMINION ENGINEERING WORKS, LIMITED

AND WHOLLY OWNED SUBSIDIARY COMPANIES

CONSOLIDATED BALANCE SHEET AS AT 31st DECEMBER, 1935

## ASSETS

**FIXED ASSETS:**

Real Estate, Plant, Machinery and Equipment at cost, less amounts written off on Capital Reorganization..	\$4,806,284.94	
<i>Less:</i> Reserve for Depreciation.....	2,371,555.54	
	\$2,434,729.40	
Investment in Subsidiary Company, less Reserve.....	116,791.11	
	\$2,551,520.51	

**CURRENT ASSETS:**

Cash on hand and in Bank.....	\$ 154,737.31	
Dominion Government and other Bonds, less Reserve..... (Approximate Market Value \$1,276,437.50.)	1,165,578.29	
Call Loans, Guaranteed.....	85,000.00	
Accounts Receivable, less Reserve.....	284,286.04	
Deposits on Tenders.....	10,797.50	
Work in Progress at standard cost, less Reserve.....	\$399,548.77	
<i>Less:</i> Amounts received on account.....	290,931.01	
	108,617.76	
Inventories of Raw Materials and Supplies at lower of cost or market value, less Reserve. (Quantities and condition determined by the management.).....	166,970.74	
	1,975,987.64	

**DEFERRED CHARGES:**

Prepaid Taxes, Insurance and Expenses.....	27,844.61	
	\$4,555,352.76	

(Signed) JULIAN C. SMITH,  
*Director.*

(Signed) W. F. ANGUS,  
*Director.*

## LIABILITIES

**CAPITAL STOCK:**

AUTHORIZED AND ISSUED—125,000 shares of No Par Value..... \$2,900,050.00

RESERVE FOR CONTINGENCIES..... 250,000.00

ACCOUNTS PAYABLE, ACCRUED CHARGES AND OPERATING RESERVES, including \$15,757.77  
due to taxing authorities in Canada..... 419,376.46

**EARNED SURPLUS:**

As per Profit and Loss Account..... 985,926.30

\$4,555,352.76

MONTREAL, 26th February, 1936.

This is the Balance Sheet referred to in our report of this date.

RIDDELL, STEAD, GRAHAM & HUTCHISON, C.A.,  
*Auditors.*



# Dominion Engineering Works, Limited

AND WHOLLY OWNED SUBSIDIARY COMPANIES

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## CONSOLIDATED PROFIT AND LOSS ACCOUNT

FOR

THE YEAR ENDED 31st DECEMBER, 1935

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Loss on Operations .....		\$169,797.52
Executive Salaries .....		24,740.00
Directors' Fees .....		10,100.00
Legal Fees .....		1,945.81
Expenditure for Development and Research .....		29,644.27
Reserve for Depreciation and Renewals .....		121,668.04
		<hr/>
		\$357,895.64
DEDUCT:		
Revenue from Investments .....	\$ 68,102.41	
Profit on Investments realized .....	6,239.25	
Operating Reserve transferred .....	240,000.00	
	<hr/>	314,341.66
Balance at credit 1st January, 1935 .....		\$ 43,553.98
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BALANCE AS AT 31ST DECEMBER, 1935 .....		\$ 985,926.30
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RIDDELL, STEAD, GRAHAM & HUTCHISON  
CHARTERED ACCOUNTANTS

460 ST. FRANCOIS XAVIER ST.  
MONTREAL

26th February, 1936.

TO THE SHAREHOLDERS,

DOMINION ENGINEERING WORKS, LIMITED  
LACHINE, QUEBEC.

Dear Sirs:—

We have examined and audited the Books and Accounts of the Dominion Engineering Works, Limited, and its wholly owned Subsidiary Companies for the year ended 31st December, 1935, and report thereon as follows:—

The Inventories have been certified as correct by responsible Officials of the Company and valued on a conservative basis.

The Investments in which your Company is interested, we have verified by actual inspection of the securities, or we have seen certificates from the Depositories in the cases where the securities are deposited for safe custody.

In accordance with Section 114 of the Dominion Companies Act, we report that no portion of the loss of a partly owned subsidiary has been included in the Profit and Loss Account submitted. Your proportion of the loss amounts to \$7,275.46. The loss has been carried forward on the Books of the subsidiary.

We report that we have obtained all the information and explanations we have required and that, in our opinion, the accompanying Balance Sheet as at 31st December, 1935 is properly drawn up so as to exhibit a true and correct view of the state of the Combined Companies' affairs, according to the best of our information and the explanations given to us, and as shown by the Books of the Companies.

Yours faithfully,

(Signed) RIDDELL, STEAD, GRAHAM & HUTCHISON,  
*Auditors.*

# DOMINION ENGINEERING WORKS, LIMITED

## *Associated Companies*

FARRELL-BIRMINGHAM CO. INC. - - - - - ANSONIA, Conn.  
UNITED ENGINEERING & FOUNDRY COMPANY - - - - PITTSBURG, Pa.  
CROSSLEY BROTHERS LIMITED - - - - - MANCHESTER, England  
CROSSLEY-PREMIER ENGINES LIMITED - - - - - SANDIACRE, England



## LIST OF PRODUCTS

### PAPER-MAKING MACHINERY:

Paper Machines, all types.  
Removable Fourdriniers.  
Slices.  
Downingtown Extractor Rolls.  
Suction Couch and Press Rolls.  
Granite Press Rolls.  
Cram Dryer Drainage Systems.  
Calenders, Reels, Winders.  
Refiners.  
Stock Pumps.  
Pulp Grinders.

### HYDRAULIC MACHINERY:

Hydraulic Turbines and Governors.  
Penstock Valves.  
Gate Valves, 4" to 60" Electric, Hydraulic, and  
Hand Operation.  
Valve Control Mechanism.  
Sluice Gates.  
Larner-Johnson Hydraulic Valves.  
Glenfield Tilting Disc Check Valves.  
Centrifugal Pumps.  
Axial Flow Pumps.  
Clogless Sewage and Dredge Pumps.  
High Pressure Gear Oil Pumps

### ROLLING MILL MACHINERY:

Blooming, Slabbing, Universal, Cogging and  
Billet Mills.

Slab and Plate Mills.

Cold Strip Mills.

Rod, Bar and Re-Rolling Equipment.

Hot Strip and Sheet Bar Mills.

Tube and Pipe Mill Equipment.

Structural and Rail Mills.

Four-high Mills for Rolling of Ferrous and  
Non-Ferrous Sheet and Strip.

Machinery for Hot and Cold Rolling of Non-  
Ferrous Rods, Sheet, Strip and Foil.

### MINING AND CRUSHING MACHINERY:

Ball and Tube Mills.

Jaw Crushers.

Hoists.

Pumps.

### PLASTIC MACHINERY:

Banbury Mixers.

Crackers.

Washers.

Refiners.

Mills—Mixing, Grinding, Warming and Sheeting.

Calenders.

Tubing Machines.

Hose Making Machinery.

### TRANSMISSION MACHINERY

Continuous Tooth Herringbone Gears.

Spur and Single Helical Gears.

Tramways Gears and Pinions.  
Bevel Gears.  
Cone Area Contact Worm Gears.  
Speed Reducing Units.  
Speed Increasing Units.  
Gear Motors.  
Flexible Couplings.  
Rolling Mill and other Heavy Duty Drives.  
Bethlehem Snub Starters.  
Bethlehem Torque Amplifiers.  
Mitchell Pivoted Thrust and Journal Bearings.

DOMINION-BANTAM ROLLER BEARINGS.

DIESEL AND GAS ENGINES:

5 to 2000 B.H.P. for Marine and Stationary  
Service Producer Gas Plants.

HYDRAULIC PRESSES.

ERCO SHEET METAL FORMERS.

WIRE DRAWING AND STRANDING MACHINERY.

SIMPSON INTENSIVE MIXERS.

ELECTRIC STEAM GENERATORS.

MACHINERY TO SPECIAL DESIGN.

HEAT TREATING.

CHILLED IRON ROLLS.

ROLL GRINDING.





