

the four methods of steel making are in process at the works, viz.: crucible process, electric furnaces, open hearth furnaces.

The steel making equipments consist of 72 pot crucible furnaces for manufacturing high speed steel; 1 three-ton Herroult electric furnace, 600 k.v.a.; 3 six-ton Herroult electric furnaces, 1,500 k.v.a. These electric furnaces are all 3 phase current, received at 22,000 volts, transformed to 100 volts at furnace. The carbon electrodes are 8 and 17 in. in diameter. There are two 18-ton open hearth basic furnaces fired with oil or powdered coal.

The boiler plant comprises 4 boilers of 500 h.p. water tube, fired with powdered coal; 2 boilers of 250 h.p. water tube, waste heat; and 1 boiler of 120 h.p. return tubular.

For the power plant, electric current is received of 22,000 volts, which drives motor generator set into d.c. current, 500 and 250 volts, for use on cranes, shop work, etc. Steam is used for driving hammers, steam intensifier, hydraulic forging presses. The 9 in. rolling mill engine is 18 x 30; the 20 in. rolling mill engine is 32 x 48, heavy duty. The tire and wheel rolling mill is equipped with a pair of simple 25 x 36 engines, fitted with a valve gear. The plant is heated by vacuum return system, using exhaust steam.

The forging shop equipment consists of one 500-ton steam intensifier hydraulic forging press, one 3-ton, one 1-ton, one 1,500 lb., one 800 lb., and one 500 lb. steam hammer.

The tire and wheel department equipment consists of one 2,000-ton steam intensifier hydraulic forging press, forging ingots into blooms for tire and wheel

work; one 600-ton steam intensifier hydraulic forging press, for decking tires; one 200-ton hydraulic press for marking tires, also a centering press; one 1,000-ton steam intensifier hydraulic press for dishing steel wheels, and making heavy forgings. This department is also equipped with continuous furnaces, two reheating furnaces, two electric servers, which handle the ingots from the furnace to the different machines. The powdered coal plant has a capacity of five tons an hour.

The small tool department is equipped with a repair shop for doing repairs throughout the mill, and a tool room for manufacturing small tools, such as drills, reamers, milling cutters, gauges and special tools of all description.

The rolling mills department contains one 3 high, 5 stand, 3 in. mill; one 2 high, 5 stand, 12 in. mill, and one 3 high, 20 in. mill, 2 in. stand, 20 in. mill.

Transportation Associations, Clubs, Etc.

The names of persons given below are those of the secretaries unless otherwise stated:

Canadian Car Service Bureau—W. J. Collins, Manager, 401 St. Nicholas Building, Montreal.

Canadian Electric Railway Association—Acton Burrows, 70 Bond Street, Toronto.

Canadian Freight Association (Eastern lines)—G. C. Ransom, Canadian Express Building, Montreal.

Canadian Freight Association (Western lines)—W. E. Campbell, 305 Boyd Block, Winnipeg.

Canadian Railway Club—J. Powell, St. Lambert, Que. Meetings at Montreal 2nd Tuesday, each month, 8.30 p.m., except June, July and August.

Canadian Railway War Board—W. M. Neal, Montreal.

Dominion Marine Association—F. King, Counsel, Kingston, Ont.

Canadian Ticket Agents' Association—E. de la Hooke, London, Ont.

Eastern Canadian Passenger Association—G. H. Webster, 54 Beaver Hall Hill, Montreal.

Engineers' Club of Montreal—R. W. H. Smith, 9 Beaver Hall Square, Montreal.

Engineers' Club of Toronto—R. B. Wolsey, 94 King Street West, Toronto.

Engineering Institute of Canada—F. S. Keith, 176 Mansfield St., Montreal.

Express Traffic Association of Canada—C. N. Ham, Montreal.

Great Lakes and St. Lawrence River Rate Committee—James Morrison, Montreal.

Hydro-Electric Railway Association of Ontario—T. J. Hannigan, Guelph, Ont.

International Water Lines Passenger Association—M. R. Nelson, New York.

Niagara Frontier Summer Rate Committee—James Morrison, Montreal.

Quebec Transportation Club—A. F. Dion, Quebec.

Shipping Federation of Canada—Thos. Robb, Manager, 42 St. Sacramento Street, Montreal.

Toronto Transportation Club—W. A. Gray, 143 Yonge Street, Toronto.

Transportation Club of Vancouver—H. W. Schofield, 553 Church Street, Vancouver, B.C.

CANADIAN PACIFIC RAILWAY COMPANY.

Dividend Notice.

At a meeting of the Board of Directors held to-day, the following dividends were declared:

On the Preference Stock, two per cent. for the half-year ended 30th June last;

On the Common Stock, two and one-half per cent. for the quarter ended 30th June last, being at the rate of seven per cent. per annum from revenue and three per cent. per annum from Special Income Account.

Both dividends are payable 1st October next, to Shareholders of record at 1 p.m. on 31st August instant.

By order of the Board,

ERNEST ALEXANDER,
Secretary.

Montreal, 12th August, 1918.



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