

The Latest Book on the Electric Furnace

Electric Smelting is a subject of increasing importance to Canadian Engineers and this work contains a clear and connected account of the principle on which electric furnaces are constructed, the uses to which they can be put and the more important details of their construction. The articles upon which the book is based appeared in the Canadian Engineer during 1906.

THE ELECTRIC FURNACE ITS EVOLUTION THEORY AND PRACTICE

BY ALFRED STANSFIELD, D. Sc., A. R. S. M.
Professor of Metallurgy, McGill University

208 PAGES. Fully Illustrated.

PRICE \$2.00

The evolution of the Electric Furnace from its simplest beginning is as briefly set forth as is consistent with clearness, together with the important facts relating to its theory and practice.

The rapid growth of the Electric Furnace makes it increasingly difficult for the metallurgist to keep in touch with its recent developments. A few years ago it was a scientific curiosity, but now it threatens to rival the Bessemer converter, the open-hearth steel furnace, and even the blast furnace itself.

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and expect an active May, if not April. Brick-makers find matters dull; the extremely bad weather of last month permitted no building, in marked contrast with the open February of 1907. The volume of metals moving is increasing a little over previous weeks, in shelf goods and house-interior goods mainly; but no real activity is expected till the snow goes. Tin is advancing; copper, though fluctuating abroad, is fairly steady here. Pig iron quiet and unchanged. Structural steel slack just now, but with activity expected in May.

The following are wholesale prices for Toronto, where not otherwise explained. Higher prices are quoted for broken quantities:—

American Bessemer.—Fourteen-gauge, \$2.45; 17, 18, and 20-gauge, \$2.60; 22 and 24-gauge, \$2.65; 26-gauge, \$2.80; 28-gauge, \$3.

Antimony.—Quiet, but inquiries are coming in more freely; we quote 11½ to 13c.

Bar Iron.—\$2.10 base, from stock to the wholesale dealer.

Beams and Channels, \$2.75 to \$3, according to size and quantity; angles, 1¼ by 3-16 and larger, \$2.65; tees, \$2.90 to \$3 per 100 pounds. Extras for smaller sizes.

Boiler Heads.—25c. per 100 pounds advance on boiler plate.

Boiler Plates.—¼-inch and heavier, \$2.50. Supply probably adequate and quotations still firm.

Boiler Tubes.—Lap-welded steel, 1¼-in., 10c.; 1½-in., 9c. per foot; 2-in., \$9.10; 2¼-in., \$10.85; 2½-in., \$12; 3-in., \$13.50; 3½-in., \$16.75; 4-in., \$21 per 100 ft.

Building Paper.—Plain, 32c. per roll; tarred, 40c. per roll.

Bricks.—Common structural \$10 per thousand, wholesale; small lots \$12 to \$13, and the demand improving. Red and buff pressed are worth \$18 at works.

Cement.—The price of Canadian manufactures of cement to the dealer in thousand barrel lots and up is \$2.15, in cotton bags, including cost of packages, on car, Toronto. The dealers' price to the contractor up to car-load lots without package price, are general at \$1.95 per barrel in cotton bags and \$2.10 in wood, weight in each case 350 pounds.

Detonator Caps, 75c. to \$1 per 100; case lots, 75c. per 100; broken quantities, \$1.

Dynamite, per pound, 21 to 25c., as to quantity.

Felt Paper—Roofing Tarred.—Market steady at \$2 per 100 pounds. The spring prospects good.

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