

"St. Louis," Saturday, September 25th. Mr. Banbury is an Englishman by birth. He came to America about five years ago and won degrees as a Mining, Mechanical, and Electrical Engineer. A little over a year ago he became connected with the Oildag Company. Dr. Edward G. Acheson is president of the Oildag Company, and it was he who gave the world Deflocculated Graphite as a lubricant.

ONTARIO'S HYDRO-ELECTRIC PROBLEM.

A meeting was held in Toronto, September 29th, for the purpose of renewing the interest of the municipalities in the Hydro-Electric power scheme. The commission was represented by Hon. Mr. Beck, Mr. W. K. McNaught, M.P.P., and Engineers P. W. Sothman and E. Richards, while the visitors included Ald. Wm. Trott, P. Meehan, and G. Roche, St. Thomas; Councilman L. E. Weaver, Hespeler; Mayor A. Weidenhammer, Waterloo; Engineer K. L. Aitken, Toronto; Mayor C. C. Hahn, Berlin; Engineer E. J. Philip, Berlin; Engineer E. J. Sifton, London; Engineer J. J. Heeg, Guelph; Ald. L. H. Reesor, Chairman of Light and Water Committee, St. Mary's; Engineer W. R. Reynolds, St. Mary's; Engineer Geo. L. Oill, St. Thomas; Mayor Dingman, Ald. J. Davis Barnett, Chairman of Water Commission, and Chief Myers, fire department, Stratford; Engineer James Abell, City Solicitor W. B. Doherty, and Mayor Geo. Geddes, St. Thomas; Ald. R. N. Price and S. Chance, St. Thomas, and others.

Following an informal discussion the engineers and mechanical superintendents organized. Mr. R. A. Ross, Montreal, consulting engineer of the commission, was chosen Chairman, and Mr. E. Clarence Settell, Secretary of the commission, Secretary. Municipalities who have not at present civic lighting and power service were represented at their request by Mr. P. B. Yates of the commission's engineering staff. Much technical conference work was gone over in detail.

MARKET CONDITIONS.

Montreal, September 29th, 1909.

Antimony.—The market is steady at 8 to 8½c.
Bar Iron and Steel.—Prices are steady and trade is quiet. Bar iron, \$1.85 per 100 pounds; best refined horseshoe, \$2.10; forged iron, \$2; mild steel, \$1.85; sleigh shoe steel, \$1.85 for 1 x ¾-base; tire steel, \$1.00 for 1 x ¾-base; toe calk steel, \$2.35; machine steel, iron finish, \$1.90; imported, \$2.20.

Boiler Tubes.—The market is steady, quotations being as follows:—1½ and 2-inch tubes, 8¼c.; 2½-inch, 10c.; 3-inch, 11¼c.; 3½-inch, 14 1/2c.; 4-inch, 18 1/2c.

Building Paper.—Tar paper, 7, 10, or 16 ounces, \$1.80 per 100 pounds; felt paper, \$2.75 per 100 pounds; tar sheathing, 40c. per roll of 400 square feet; dry sheathing, No. 1, 30 to 40c. per roll of 400 square feet; tarred fibre, 55c. per roll; dry fibre, 45c. (See Roofing; also Tar and Pitch).

Cement.—Canadian cement is quotable, as follows, in car lots, f.o.b., Montreal:—\$1.30 to \$1.40 per 350-lb. bbl., in 4 cotton bags, adding 10c. for each bag. Good bags re-purchased at 10c. each. Paper bags cost 2½ cents extra, or 10c. per bbl. weight.

Chain.—Prices are as follows:—¾-inch, \$5.10; 5-16-inch, \$3.95; ¾-inch, \$3.55; 7-16-inch, \$3.35; ½-inch, \$3.20; 9-16-inch, \$3.05; ¾-inch, \$2.95; ¾-inch, \$2.90; 7/8-inch, \$2.85; 1-inch, \$2.85.

Coal and Coke.—Anthracite, egg, stove or chestnut coal, \$6.75 per ton, net; furnace coal, \$6.50, net. Bituminous or soft coal: Run of mine, Nova Scotia coal, carload lots, basis, Montreal, \$3.85 to \$4 per ton; cannel coal, \$9 per ton; coke, single ton, \$5; large lots, special rates, approximately \$4 f.o.b., cars, Montreal.

Copper.—Prices are strong at 14½ to 14¾c.

Explosives and Accessories.—Dynamite, 50-lb. cases, 40 per cent. proof, 15c. in single case lots, Montreal. Blasting powder, 25-lb. kegs, \$2.25 per keg. Special quotations on large lots of dynamite and powder. Detonator caps, case lots, containing 10,000, 75c. per 100; broken lots, \$1; electric blasting apparatus:—Batteries, 1 to 10 holes, \$15; 1 to 20 holes, \$25; 1 to 30 holes, \$35; 1 to 40 holes, \$50. Wire, leading, 1c. per foot; connecting, 50c. per lb. Fuses, platinum, single strength, per 100 fuses:—4-ft. wires, \$3; 6-ft. wires, \$3.54; 8-ft. wires, \$4.08; 10-ft. wires, \$5. Double strength fuses, 4-ft., \$3.75; 6-ft., \$4.29; 8-ft., \$4.83; 10-ft., \$5.37. Fuses, time, double-tape, \$6 per 1,000 feet; explometers, fuse and circuit, \$7.50 each.

Iron.—Swedish iron, 100 lbs., \$4.75 base; sheet, black, 14 to 22 gauge, \$3.75; 24-gauge, \$3.90; 26-gauge, \$4; 28-gauge, \$4.10. Galvanized—American, 18 to 20-gauge, \$4.40; 22 to 24-gauge, \$4.65; 26-gauge, \$4.65; 28-gauge, \$4.90; 30-gauge, \$5.15 per 100 lbs. Queen's Head, 22 to 24-gauge, \$4.65; 26-gauge English, or 30-gauge American, \$4.90; 30-gauge American, \$5.15; Fleur de Lis, 22 to 24-gauge, \$4.50; 28-gauge American, \$4.75; 30-gauge American, \$5.

Galvanized Iron.—The market is steady. Prices, basis, 28-gauge, are:—Queen's Head, \$4.40; Comet, \$4.25; Gorbals' Best, \$4.25; Apollo, 10¾ oz., \$4.35. Add 25c. to above figures for less than case lots; 26-gauge is 25c. less than 28-gauge, American 28-gauge and English 26 are equivalents, as are American 10¾ oz., and English 28-gauge.

Galvanized Pipe.—(See Pipe, Wrought and Galvanized).

Iron.—The outlook is strong. The following prices are for carload quantities and over, free on dock, Montreal, prompt delivery: No. 1 Summerlee, \$20 to \$20.50; selected Summerlee, \$19.50 to \$20; soft Summerlee, \$19 to \$19.50; Clarence, \$17.50 to \$17.75; Midland or Hamilton pig is quoted at \$20.50 to \$21, Montreal. It is said Dominion and Scotia companies are not quoting prompt delivery. Carron special, \$19.50 to \$20; Carron, soft, \$19.25.

Laths.—See Lumber, etc.

Lead.—Prices are about steady, at \$3.50 to \$3.60.

Lead Wool.—\$10.50 per hundred, \$200 per ton, f.o.b., factory.

Lumber, Etc.—Prices on lumber are for car lots, to contractors, at mill points, carrying a freight of \$1.50. Red pine, mill culls out, \$18 to \$22 per 1,000 feet; white pine, mill culls, \$16 to \$17. Spruce, 1-in. by 4-in. and up, \$15 to \$17 per 1,000 ft.; mill culls, \$12 to \$14. Hemlock, log run, culls out, \$13 to \$15. Railway Ties; Standard Railway Ties, hemlock or cedar, 35 to 45c. each, on a c. rate to Montreal. Telegraph Poles: Seven-inch top, cedar poles, 25-ft. poles, \$1.35 to \$1.50 each; 30-ft., \$1.75 to \$2; 35-ft., \$2.75 to \$3.25 each, at manufacturers' points, with 50 freight rate to Montreal. Laths: Quotations per 1,000 laths, at points carrying \$1.50 freight rate to Montreal, \$2 to \$3. Shingles: Cedar shingles, same conditions as laths, X, \$1.50; XX, \$2.50; XXX, \$3.

Nails.—Demand for nails is better, but prices are steady at \$2.30 per keg for cut, and \$2.25 for wire, base prices. Wire roofing nails, 5c. lb.

Paints.—Roof, barn and fence paint, 90c. per gallon; girder, bridge and structural paint for steel or iron—shop or field—\$1.20 per gallon, in barrels; liquid red lead in gallon cans, \$1.75 per gallon.

Pipe.—Cast Iron.—The market is unsettled and uncertain, as dealers are compelled to meet competition from all sources. Prices are easy and approximately as follows:—\$31 for 6 and 8-inch pipe and larger; \$32 for 5-inch and 4-inch at the foundry. Pipe, specials, \$3 per 100 pounds. Gas pipe is quoted at about \$1 more than the above.

Pipe.—Wrought and Galvanized.—Demand is much better and the tone is firm, though prices are steady, moderate-sized lots being: ¾-inch, \$5.50 with 63 per cent. off for black, and 48 per cent. off for galvanized; ¾-inch, \$5.50, with 59 per cent. off for black and 44 per cent. off for galvanized; ¾-inch, \$8.50, with 69 per cent. off for black, and 59 per cent. off for galvanized. The discount on the following is 72½ per cent. off for black, and 62½ per cent. off for galvanized; ¾-inch, \$11.50; 1-inch, \$16.50; 1¼-inch, \$22.50; 1½-inch, \$27; 2-inch, \$36; 2½-inch, \$57.50; 3-inch, \$75.50; 3½-inch, \$95; 4-inch, \$108.

Plates and Sheets.—Steel.—The market is steady. Quotations are: \$2.20 for 3-16; \$2.30 for ¼, and \$2.10 for ¼ and thicker; 12-gauge being \$2.30; 14-gauge, \$2.15; and 16-gauge, \$2.10.

Rails.—Quotations on steel rails are necessarily only approximate and depend upon specification, quantity and delivery required. A range of \$30.50 to \$31 is given for 60-lb. and 70-lb.; 80-lb. and heavier, being \$30; rails, per gross ton of 2,240 lbs., f.o.b. mill. Re-laying rails are quoted at \$27 to \$29 per ton, according to condition of rail and location.

Railway Ties.—See lumber, etc.

Roofing.—Ready roofing, two-ply, 70c. per roll; three-ply, 95c. per roll of 100 square feet. Roofing tin caps, 6c. lb.; wire roofing nails, 5c. lb. (See Building Paper; Tar and Pitch; Nails, Roofing).

Rope.—Prices are steady, at 9c. per lb. for sisal, and 10½c. for Manila. Wire rope, crucible steel, six-strands, nineteen wires; ¼-in., \$2.75; 5-16, \$3.75; ¾, \$4.75; ½, \$5.25; ¾, \$6.25; ¾, \$8; ¾, \$10; 1-in., \$12 per 100 feet.

Spikes.—Railway spikes are steady at \$2.35 per 100 pounds, base of 5½ x 9-16. Ship spikes are steady at \$2.85 per 100 pounds, base of ¾ x 10-inch, and ¾ x 12-inch.

Steel Shafting.—Prices are steady at the list, less 25 per cent. Demand is on the dull side.

Telegraph Poles.—See lumber, etc.

Tar and Pitch.—Coal tar, \$3.50 per barrel of 40 gallons, weighing about 500 pounds; roofing pitch, No. 1, 70c. per 100 pounds; and No. 2, 55c. per 100 pounds; pine tar, \$8.50 per barrel of 40 gallons, and \$4.75 per half-barrel; refined coal tar, \$4.50 per barrel; pine pitch, \$4 per barrel of 180 to 200 pounds. (See building paper; also roofing).

Tin.—Prices are unchanged, at 33½ to 34c.

Zinc.—The tone is steady, at 5¾ to 6c.

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Toronto, September 30th, 1909.

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

Antimony.—Demand inactive, market unchanged at \$9 per 100 lbs.

Axes.—Standard makes, double bitted, \$8 to \$10; single bitted, per dozen, \$7 to \$9.

Bar Iron.—\$1.95 to \$2, base, per 100 lbs., from stock to wholesale dealer. Market well supplied.

Boiler Plates.—¾-inch and heavier, \$2.20. Boiler heads 25c. per 100 pounds advance on plate.

Boiler Tubes.—Orders continue active. Lap-welded, steel, 1¼-inch, 10c.; 1½-inch, 9c. per foot; 2-inch, \$8.50; 2½-inch, \$10; 2½-inch, \$10.60; 3-inch, \$12.10; 3½-inch, \$15; 4-inch, \$18.50 to \$19 per 100 feet.

Building Paper.—Plain, 30c. per roll; tarred, 40c. per roll. Demand is fairly active.

Bricks.—Business is very active, price at some yards \$9 to \$9.50, at others, \$9.50 to \$10 for common. Don Valley pressed brick move also freely. Red and buff pressed are worth \$18 delivered and \$17 at works per 1,000.

Broken Stone.—Lime stone, good hard, for roadways or concrete, f.o.b., Schaw station, C.P.R., 60c. per ton of 2,000 lbs., 1-inch, 2-inch, or larger, price all the same. The supply is excessive; hence the lowered price. Broken granite is selling at \$3 per ton for good Oshawa.

Cement.—Shipments are fairly heavy, mainly on existing contracts, and not much new business is offering. An indication of a disposition towards greater stiffness in the market is afforded by the following quotation made to-day by a large producing company:—"Our price to-day for Portland cement, f.o.b. Toronto, is \$1.70 net cash including cotton bags, for acceptance within 10 days from date of quotation, and for shipment within 30 days from date of acceptance." According to stories in the newspapers, the cement merger is assuming shape. Smaller dealers report a fair movement in small lots at \$1.40 per barrel in load lots delivered in town, bags extra; in shop, \$1.35. In packages, \$1.40 to \$1.50, including paper bags.

Coal.—Retail price for Pennsylvania hard, \$6.75 net, steady. This price applies to grate, egg, stove, and chestnut; only pea coal is cheaper, namely, \$5.75. These are all cash, and the quantity purchased does not affect the price. Soft coal is in good supply, American brokers have been covering the ground very fully. In the United States there is an open market for bituminous coal and a great number of qualities exist. We quote. Youghiogheny lump coal on cars here, \$3.70 to \$3.80; mine run, \$3.60 to \$3.75; slack, \$2.65 to \$2.85; lump coal from other districts, \$3.40 to \$3.70; mine run 10c. less; slack, \$2.50 to \$2.70; cannel coal plentiful at \$7.50 per ton; coke, Solvay foundry, which is largely used here, quotes at from \$5.25 to \$5.50; Reynoldsville, \$4.50 to \$4.75; Connellsville, 72-hour coke, \$5.25 to \$5.50.

Copper Ingot.—The market is very firm, but heavy stocks still act as a drag. We quote as before \$13.85 to \$14.05 in this market, with a fair movement.

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

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

Roofing Felt.—An improvement in demand of late, no change in price, which is \$1.80 per 100 lbs.