A New Book By a Mining Engineer

Published April, 1914

Compressed Air

Production—Transmission—Use

By THEODORE SIMONS, E.M., C.E.

Professor of Mining Engineering, Montana State School of Mines Member American Institute of Mining Engineers

173 pages, 6x9, fully illustrated.

\$1.50 (6/3) net, postpaid.

The author's aim has been to give such insight into the natural laws and physical principles underlying the production, transmission and use of compressed air, as shall enable the reader to comprehend the operation of various appliances and judge of their merit.

He does not attempt to give extensive descriptions of existing types of compressors, but only examples which illustrate the principles, and which enable the student and investigator to solve the theoretical problems arising in the use of compressed air.

— For Sale By —

Canadian Mining Journal, - Toronto, Canada

If You Were Denied College Training

but have reached a place where something of the kind seems necessary to your further advancement in the mine, the mill, the shop or the smelter, you should know about the special short courses which the

Michigan College of Mines, at Houghton, Mich.,

is offering this year, arranged with particular reference to your needs.

They are short, practical courses in mining, metallurgy, drawing, mapping, concrete construction, and many others.

Write the president of the College, telling him what part of the year you can attend, what your work has been, and what you wish to do.

Nova Scotia Steel and Coal Co., Limited

Proprietors, Miners and Shippers of SYDNEY MINES BITUMINOUS COAL. Unexcelled Fuel for Steamships and Locomotives, Manufactories, Rolling Mills, Forges, Glass Works, Brick and Lime Burning, Coke, Gas Works, and for the Manufacture of Steel, Iron, Etc.

COLLIERIES AT SYDNEY MINES, CAPE BRETON.

Manufacturers of Hammered and Rolled Steel for Mining Purposes

Pit Rails, T Rails, Edge Rails, Fish Plates, Bevelled Steel Screen Bars, Forged Steel Stamper Shoes and Dies, Blued Machinery Steel 38" to 14" Diameter, Steel Tub. Axles Cut to Length, Crow Bar Steel, Wedge Steel, Hammer Steel, Pick Steel, Draw Bar Steel, Forging of all kinds, Bright Compressed Shafting 58" to 5" true to 2/1000 part of one inch. A full stock of Mild Flat, Rivet Round and Angle Steels always on hand.

SPECIAL ATTENTION PAID TO MINERS' REQUIREMENTS. CORRESPONDENCE SOLICITED.

Steel Works and Head Office: NEW GLASGOW, NOVA SCOTIA

The Buffalo Mines, Limited

COBALT

ONTARIO

Producers of Refined Silver

Mercury for Mining Purposes

HEAD OFFICE

14 WALL ST., NEW YORK

FOR SALE

1 Roller Mill for fine grinding with set of spare rings.

1 Double Roller Mill for grinding medium to fairly hard material, complete set of spares, machines are in perfect working order, inspection invited. Apply, Box Q, CANADIAN MINING JOURNAL.