



Steel Mine Timbers: Tables and Data on the Properties and Uses of Sections (Classic Reprint)

By Carnegie Steel Company

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Steel Mine Timbers: Tables and Data on the Properties and Uses of Sections The Carnegie Steel Company is the pioneer in the United States in the application of steel to the underground timbering of mines. Much of the success of such timbering is due to its recommendation of suitable and practicable forms of construction. So long ago as 1894 it worked out a type of framing suitable for use in the bituminous coal fields of Western Pennsylvania. This effort bore fruit in the next ten years in sporadic installations chiefly in the anthracite region, but the real impetus to the systematic timbering of mines dates from 1907, when this Company placed on the market a series of steel sections designed with special reference to this work. The H-beam has made steel framing as simple as the wooden framing it displaced. The data and tables which follow reflect the practical experience gained from these years of observation in the design and installation of many miles of steel timbers in rooms and headings. They constitute a clear...



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