



Some Engineering Phases of Pittsburgh s Smoke Problem

By A B Bellows

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1914 Excerpt: .A brick arch in the firebox. This arch is for the purpose of giving a high temperature to the firebox and causing the gases to mix well with the air while in that part of the firebox where the temperature is high enough for combustion. Bulletin No. 2 issued by the Smoke Department goes into the question of brick arches in detail. Third. The fireboxes should be equipped with combustion tubes. These consist of tubes about 2 inches in diameter extending through the water space on each side of the firebox which admit air above the level of the fuel bed. Depending upon the size of the firebox, from five to six tubes of this sort should be placed on each side. A current of air through these tubes is insured by blowing a small jet of steam through them by means of a pipe about...



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