



## Proceedings of the Engineers Society of Western Pennsylvania Volume 22

By Engineers' Society Pennsylvania

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 184 pages. Dimensions: 9.7in. x 7.4in. x 0.4in. This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1906 edition. Excerpt: . . . 1906 No. 7 THIS SOCIETY DOES NOT HOLD ITSELF RESPONSIBLE FOR THE OPINIONS OF ITS MEMBERS. COKE OVEN CONSTRUCTION. W. M. JUDD. Member. In the limited time available this evening, it is possible only to give a brief description of coke oven construction as carried on at the present time, further limiting this description to the common or bee-hive type of oven. As the necessity for using coke obtained from bituminous coal was forced upon the iron manufacturers by the disappearance of the forests from which their supply of charcoal was obtained, it was natural that the method of its manufacture should have been evolved from the methods previously used in making charcoal. Thus probably the first coke in any quantity was burned from coal piled in heaps on level ground, with suitable flues through the piles built of lumps of coal, refuse coke...



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