



## Transactions of the American Society of Mechanical Engineers Volume 41 (Paperback)

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By American Society of Engineers

Rarebooksclub.com, United States, 2013. 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 usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1920 edition. Excerpt: .for CO<sub>2</sub>, O<sub>2</sub>, CO, H<sub>2</sub>, CH and unsaturated hydrocarbons. 35 Fig. 3 is a diagram of the three-pass boiler as originally designed. After the first few tests the baffles were extended, making smaller the gas passages between the ends of the baffles and the water legs, as indicated in Fig. 8. Other changes were also made as the investigation indicated the need for them. The points at which gas samples were collected are indicated by the small circles designated by the capital letters A, A, B, C, D, E, F, G, H, and I. 36 During the first six tests a large amount of combustible gas passed out of the furnace and either burned at the base of the stack, causing high flue-gas temperature, or escaped unburned. It was apparent that not enough air was admitted over the fuel bed, Fro. 3 Drxcasm...



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