



## The Utility of the Pyrometer on Carburetted Water Gas Machines (Classic Reprint) (Paperback)

By Chester S Heath

Forgotten Books, 2018. Paperback. Condition: New. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Excerpt from The Utility of the Pyrometer on Carburetted Water Gas Machines Upon the introduction of pyrometry in the gas industry in Chi cago we found that there were three points to be considered in placing the instrument; first, the best position of the fire-ends in the machine; second, the most accessible position of the indicating instrument for the gas maker; and third, the most desirable po sition of the recording instrument for the superintendent. It was necessary to have two sets of fire-ends in each machine to control the temperatures properly, one in the carburetter and one in the superheater. The carburetter temperature was taken from the lower part of the carburetter while the superheater was taken from the top, which at that time was considered to be, and was, usually, the hottest part of the machine. The two indicator instru ments (one for the carburetter and one for the superhea ter) were placed directly in front of the gas maker s stool and beside the guage board, as is illustrated in Plate No. 1, and connected to the fire-ends by copper...



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