



The Fusibility of Coal Ash and the Determination of the Softening Temperature (Classic Reprint) (Paperback)

By Arno C Fieldner

Forgotten Books, United States, 2016. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****. Excerpt from The Fusibility of Coal Ash and the Determination of the Softening Temperature Although it is believed that this method will indicate the probable clinkering characteristics of a coal better than any fusion tests hereto fore described, the bureau does not recommend the general use of this method in coal specifications until it is justified by actual trial in furnace tests of different coals. As no fusibility test of a Well-mixed sample of the average ash of a coal takes into account the physical distribution of the impurities in the coal as burned, much additional investigation is needed to establish the exact relation of these labora tory fusibility tests to clinker formation. In order to correlate this proposed test of minimum softening temperature with clinker forma tion, the bureau is now making clinkering tests in a specially designed experimental furnace, in which different coals having ashes that differ in fusibility are burned under similar and known conditions of combustion. The results of this investigation will be published in a subsequent report. In the meantime it is hoped that other investigators...

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