



Guide to Mining Examinations with Answers to Examination Questions (Paperback)

By Henry Davies

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. 1894 Excerpt: .coal on complete combustion gives 13,890 heat units. This quantity of heat corresponds to over 10,000,000 foot-pounds of work. Horse power being considered as corresponding to 550 foot-pounds per second or 33,000 per minute and 1,980,000 foot-pounds per hour, the pound of coal, it will be seen, contains an energy which, if capable of being completely converted into work without loss, would in one hour be equal to 5 horse power. One of the greatest problems of applied science at present is the conversion of the whole of this latent energy of the coal into a quantity of useful effect approximating to the mechanical, equivalent. Q.--What are the different kinds of heat? A.--There are three kinds of heat--Latent heat, Sensible heat, and Total heat. By Latent heat is meant the heat which expends itself in changing the nature of a body such as...

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