



Transactions of the Liverpool Engineering Society Volume 13

By Liverpool Engineering Society

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. 1892 edition. Excerpt: . to be added together; if the sum of the two equal 59, i.e., 23 tons tensile, plus 36 per cent. contraction, the iron is accepted. Greater contraction of area is preferred to high tensile strength—ductility in preference to strength. The hot and cold bending tests are simply other methods of proving ductility, and certain safeguards against redshortness. The famous Mr. Bidder, who, when quite a youth, was called the calculating boy, was the author of these conditions and test specifications. I. also, with his machine tests, specifies hot and cold bending, and states that under hot tests pieces from all deliveries will be subjected to the usual ram s-horn test, conducted at one heat. The quality will be judged by its appearance at the edges of the hole and the bends of the horns. Plates up to one inch thick must admit of...



Reviews

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