



Mechanical Laboratory Methods: The Testing of Instruments and Machines in the Mechanical Engineering Laboratory and in Practice (Classic Reprint) (Paperback)

By Julian C Smallwood

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. Excerpt from Mechanical Laboratory Methods: The Testing of Instruments and Machines in the Mechanical Engineering Laboratory and in Practice This work has been enlarged and modified according to the requirements indicated by its use. The section dealing with instruments contains a number of subjects not covered before, notably on recorders. The treatment of valve setting and steam engine testing is enlarged and improved. Under the heading of steam auxiliaries, the testing of condensers and feed water heaters is described. A new section is added on the testing of refrigerating machinery, ammonia absorption and compression systems. Among the other newly included tests is one for the horse-power output of electric motors, which, it is believed, will be found of convenience in connection with the testing of motordriven mechanical units. In all there are described twelve additional tests. Sufficient tabular matter is appended in this edition to enable the user to calculate all the results sought by the various tests. This includes tables of the properties of steam and ammonia, a Mollier diagram, tables of areas of circles in...



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