



## The Record of Technical and Secondary Education Volume 8

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By National Association Education

Not Avail, 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. 1899 Excerpt: . the methods of tacheometrical surveying; (10) a systematic survey in the field and the plotting of complete plans and sections--the survey generally extends over an area of 100 to 200 acres, and includes the setting out of railway curves. Accommodation.--On the upper floors of the building there are a lecture hall for 150 students, a small electrical laboratory, and a large and well-lighted drawing office, and on the ground floor the engineering laboratory, boiler house, battery room, and a small class room attached to the laboratory. Equipment.--The laboratory contains a 50-ton Wicksteed testing machine, a set of machine tools, an experimental compound steam engine capable of working up to 50 horse-power and arranged for every kind of experimental testing, dynamometer brakes, a ten-horse gas engine, apparatus for hydraulic experiments, dynamos, a small electro-motor, extensometers, autographic recording apparatus, and several illustrative models. Laboratory Work.--The experimental...



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