



## The Essentials of Descriptive Geometry (Classic Reprint) (Paperback)

By F G Higbee

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Excerpt from The Essentials of Descriptive Geometry It has been the endeavor of the author in writing this text to include only those portions of descriptive geometry which possess industrial utility and which develop the qualities of mind so essential in a draftsman. First and foremost descriptive geometry should aim to teach projection. A draftsman must be able both to read and to write drawings with facility, and projection is the very grammar of the language of the designer. Secondly, descriptive geometry should aim to develop the ability to solve problems concerning the relations of points, lines, and planes. These are, of course, but elementary parts of all engineering structures as shown on drawings and it is important that a draftsman be prepared to solve problems relating to them directly on the drawing board. Thirdly, and perhaps most important of all, descriptive geometry should aim to promote the ability to analyse a problem into its component parts, to reason from a given set of conditions to a required set of conclusions, and to build up from the...

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