



## The Metallurgy of the Non-Ferrous Metals (Classic Reprint) (Paperback)

By William Gowland

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Excerpt from The Metallurgy of the Non-Ferrous Metals In the present volume an effort has been made to supply students and metallurgists with a concise treatise dealing with the principles on which the various processes which concern the non-ferrous metals are based, and with the manner in which the processes are carried out in typical modern works. The general plan followed is to consider under the name of each metal (1) its physical and chemical properties; (2) the alloy of which it is the chief constituent; (3) the composition and applications of commercial brands, and the effects of substances which interfere with those applications; (4) the chief ores and the processes by which the metal is extracted from them or other sources, and refined or made suitable for industrial or other purposes; (5) the principles and conditions on which the success of these processes depend; (6) the furnaces and appliances employed in the processes, and the chemical changes and reactions which occur in the operations; (7) examples of actual practice followed at the present time in important...



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