



Overview of Refractories: Quick Book

By A Bhatia

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Refractories are inorganic, nonmetallic heat resistant materials that can withstand extreme temperatures, and in many cases chemical attack, abrasion, thermal shock and rough handling. These are widely used in the lining of high temperature surfaces viz. furnaces, kilns, reactors and other processing units in manufacturing, thermal, metallurgical and chemical equipments worldwide. Refractory selection for a specific application is invariably built upon a combination of material qualities and its composition. Refractories are expensive, and any failure in the refractories can result in a great loss of production time, equipment, and sometimes the product itself. The various types of refractories also influence energy consumption and product quality; therefore, the problem of obtaining refractories best suited to each application is of supreme importance. This 5 hour quick book provides insight to the type of refractories, their properties and applications, and how they may be applied to give better fuel efficiency and service life. This course is aimed at mechanical, chemical process engineers, working in chemical, thermal, metal mining, manufacturing and engineering industries. Learning Objective At the conclusion of this course, the...



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