



## The Electric Furnace (Paperback)

By J N Pring, John Norman Pring

Rarebooksclub.com, 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. 1921 Excerpt: . so that a chemically neutral atmosphere is maintained. 2. The heat developed to be generated at the highest possible temperature. 3. No foreign substance to be brought into contact with the charge in order to avoid contamination. 1 Brit. Pat., 3739 of 1910. Trans. Amer. Electrochem. Soc., 1909, 15, 63. The original application of the Stassano furnace to the production of malleable iron or soft steel in one operation from high-grade ores (cf. p. 167) was later abandoned for the production of a highgrade steel from cast-iron or scrap metal. The type of furnace finally employed consists of an enclosure with a thick lining of highlyrefractory material as shown in Fig. 107. Three electrodes for use with three-phase current are admitted through openings in the side walls equally spaced around the periphery of the furnace. The electrodes where they pass through the furnace walls, are...



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