



## Spons Dictionary of Engineering, Civil, Mechanical, Military, and Naval Volume 6; With Technical Terms in French, German, Italian, and Spanish (Paperback)

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By Edward Spon

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. 1874 Excerpt: .A heat such as we have described will be ready in sixty minutes. The piles are then grasped by a pair of heavy tongs, Fig. 4514, and dragged on to a carriage, Figs. 4515 to 4517, for conveyance to the rolls. The drawing out, charging a fresh heat, and repairing the bottom, will average sixteen minutes a heat. Piles of this size weigh about 4 ewt. eaoli. At this ram, a heating furnace will work thirty-six piles in the twelve hours, or 83 tons of iron a week. For the smaller sizes of merchant bars the piles are made about 18 in. long, 3 in. wide, and 2 J to 3 in. thick. The heat is composed of sixteen or eighteen piles, which take from twenty-eight to thirty minutes in reaching a welding heat. The time occupied in drawing out the heat, recharging, and repairing, averages...



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