



## Transactions Volume 11-12 (Paperback)

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By Australasian Institute Metallurgy

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. 1906 Excerpt: .transmitting 38 h.p., whilst a motor transmitting 6 h.p. is geared to the air pump. The surface condenser has a cooling surface of 2,200 square feet composed of tinned brass tubes of small diameter. The alternator on each of the three sets is of the revolving field type, with fixed armature, and has an output, under normal conditions, of 160 kilowatts at a tension of 500 volts, with a frequency of 50 periods each second when working on a circuit having a power factor of 85 per cent. The armature consists of a cast-iron frame carrying soft iron core plates well insulated from one another and so arranged as to give plenty of room for ventilating the core and windings. The armature windings are of insulated cable, separately former wound in mica tubes, and all high tension windings are enclosed so as to be inaccessible...



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