

Practical Railroading Volume 4

By Oscar Centennial Schmidt

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. 1909 Excerpt: .fully charged, it should not be less than 1.175 when it is fully discharged. Methods of Charging. Owing to the fact that the electro-motive force of a cell increases with the charge and decreases with the discharge, it is necessary to have special arrangements by which a dynamo while supplying lights may charge a battery of cells, and by which the electro-motive force of a set of electric cells may be kept constant while they are supplying lamps. Suppose on a 110volt circuit we have the usual number of 60 cells. When fully charged, as each cell has an electro-motive force of 2.2 volts, the total electro-motive force of the 60 cells is 132 volts. As the charginggoes on and as it is desired to run 110-volt lamps and charge the cells at the same time, it is, of course, impossible to raise the voltage of...



Reviews

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