

4. The bath having been raised to the proper temperature, the oil to be tested is introduced into the petroleum cup, being poured in slowly until the level of the liquid just reaches the point of the gauge which is fixed in the cup. In warm weather the temperature of the room in which the samples to be tested have been kept should be observed in the first instance, and if it exceeds sixty-five degrees the samples to be tested should be cooled down (to about sixty-five degrees) by immersing the bottles containing them in cold water, or by any other convenient method, or if the sample is much below that temperature, it should be raised so as not to be less than sixty degrees when placed in the test cup. The lid of the cup, with the slide closed, is then put on, and the cup is placed into the bath or heating vessel. The thermometer in the lid of the cup has been adjusted so as to have its bulb just immersed in the liquid, and its position is not under any circumstances to be altered. When the cup has been placed in the proper position, the scale of the thermometer faces the operator.

5. The test lamp is then placed in position upon the lid of the cup, a pendulum beating seconds or a lead or plumb line measuring thirty-nine inches from its point of suspension to the centre of the plumb weight, fixed in a convenient position in front of the operator, is set in motion, and the rise of the thermometer in the petroleum cup is watched. When the temperature has reached about ninety degrees the operation of testing is to be commenced, the test-flame being applied once for every rise of one degree, in the following manner:—

The slide is slowly drawn open while the pendulum performs three oscillations, and is closed during the fourth oscillation.

---

#### CHAP. 24.

#### An Act to amend the Consolidated Railway Act.

[Assented to 21st March, 1881.]

**W**HEREAS doubts have arisen as to the true intent and meaning of the word "capital" in the eleventh subsection of the seventeenth section of "The Consolidated Railway Act, 1879," hereinafter called "The Railway Act," and it is expedient to remove such doubts: Therefore Her Majesty, by and with the advice and consent of the Senate and House of Commons of Canada, enacts as follows:—

1. The said word "capital" as used in the said sub-section meant and means the paid up stock and share capital of the company with interest added for periods during which no dividend is paid, to the exclusion of all subsidies and bonuses and as regards the Canadian Pacific Railway of any debt of the company contracted on the pledge thereof, or of any part thereof: And this interpretation of the said word shall apply to all railway companies affected by the said sub-section or by any amendment of the said sub-section in which the said word is used, which is or shall be incorporated with the special act or charter of any railway company.

(2.) The word "or" in the third line of the said eleventh sub-section, as printed in the Statute-book, is declared to have been inserted by a clerical error and shall be struck out, and shall be held to have been inserted contrary to the intention of Parliament.