

HOUSE No. 509.

HOUSE OF REPRESENTATIVES, Jan. 30, 1902.

[Introduced on leave by Mr. Nichols of Boston. Public Lighting.]

Commonwealth of Massachusetts.

In the Year One Thousand Nine Hundred and Two.

AN ACT

Relative to the Manufacture and Inspection of Illuminating Gas.

Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, as follows:

1 SECTION 1. Section fourteen of chapter fifty-
2 eight of the Revised Laws is hereby amended by
3 inserting after the word "gas," in the seventeenth
4 line of said section, the words:— or more than ten
5 per cent. of carbonic oxide,—so as to read as
6 follows:—

7 *Section 14.* The gas of every company sup-
8 plying more than fifty consumers shall be in-
9 spected at least twice a year, and one additional
10 inspection shall be made for every six million

11 cubic feet of gas supplied by each company; but
12 the gas of no company shall be inspected oftener
13 than once a week. All such inspections shall be
14 made by the inspector or his assistant, and one-
15 fourth at least of all such inspections shall be
16 made by the inspector. The gas shall be tested
17 for illuminating power by means of a disc photo-
18 meter, and, during such test, shall be burned from
19 the burner best adapted to it, which is at the
20 same time suitable for domestic use, and at as
21 near the rate of five feet per hour as is practi-
22 cable. When the gas of any company is found on,
23 three consecutive inspections to give less light
24 than sixteen standard English candles, or to con-
25 tain more than twenty grains of sulphur or ten
26 grains of ammonia per hundred cubic feet of gas,
27 or more than ten per cent. of carbonic oxide, or
28 any sulphurated hydrogen, a fine of one hundred
29 dollars shall be paid by such company to the city
30 or town supplied by it. When during the test
31 the consumption of gas varies from five feet per
32 hour, or the candle from one hundred and twenty
33 grains per hour, a proportionate correction shall
34 be made for the candle power.

1 SECTION 2. This act shall take effect upon its
2 passage.