

115TH CONGRESS
2D SESSION

S. 3037

To require the National Institute of Standards and Technology to establish a premise plumbing research laboratory, and for other purposes.

IN THE SENATE OF THE UNITED STATES

JUNE 7, 2018

Mr. DURBIN (for Ms. DUCKWORTH (for herself and Mr. VAN HOLLEN)) introduced the following bill; which was read twice and referred to the Committee on Commerce, Science, and Transportation

A BILL

To require the National Institute of Standards and Technology to establish a premise plumbing research laboratory, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “NIST Plumbing Re-
5 search Act of 2018”.

6 **SEC. 2. PREMISE PLUMBING RESEARCH.**

7 (a) PREMISE PLUMBING DEFINED.—In this Act, the
8 term “premise plumbing” means the water distribution
9 system located within the property lines of a property, in-

1 cluding all buildings and permanent structures on such
2 property. Such term includes building supply and distribu-
3 tion pipes, fixtures, fittings, water heaters, water-treating
4 and water-using equipment, and all respective joints, con-
5 nections, devices, and appurtenances.

6 (b) RESEARCH.—Not later than one year after the
7 date of the enactment of this Act, the Director of the Na-
8 tional Institute of Standards and Technology shall—

9 (1) establish or designate a laboratory to con-
10 duct research on premise plumbing in relation to
11 water safety, security, efficiency, sustainability, and
12 resilience;

13 (2) conduct an organizational review of all re-
14 search and other activities related to premise plumb-
15 ing conducted by Federal entities; and

16 (3) appoint one or more officers or employees of
17 the Institute to liaise with non-Federal entities con-
18 ducting research or other activities related to
19 premise plumbing.

20 (c) QUADRENNIAL REPORTS.—Not later than 4 years
21 after the date of the enactment of this Act and not less
22 frequently than once every 4 years thereafter, the Director
23 shall submit to Congress a report on the progress made
24 by the Institute regarding—

1 (1) the status of the laboratory described in
2 subsection (b)(1), including any staff designated to
3 work in such laboratory;

4 (2) all projects of the Institute related to
5 premise plumbing, including completed projects,
6 projects in progress, and projects planned for the fu-
7 ture;

8 (3) updates to data relevant to premise plumb-
9 ing system structure, design, and construction; and

10 (4) any progress of private organizations in up-
11 dating premise plumbing standards.

12 (d) AUTHORIZATION OF APPROPRIATIONS.—There
13 are authorized to be appropriated to the National Institute
14 of Standards and Technology such sums as may be nec-
15 essary to carry out this section.

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