

114TH CONGRESS
2D SESSION

H. R. 6424

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

IN THE HOUSE OF REPRESENTATIVES

DECEMBER 2, 2016

Mr. CARTWRIGHT (for himself and Mr. GRIJALVA) introduced the following bill; which was referred to the Committee on Science, Space, and Technology

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 2016”.

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

7 Not later than one year after the date of the enact-
8 ment of this Act, the Director of the National Institute
9 of Standards and Technology (in this Act, referred to as
10 “NIST”) shall—

1 (1) establish or designate a laboratory to con-
2 duct research on premise plumbing in relation to
3 water safety, security, efficiency, sustainability, and
4 resilience;

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

8 (3) appoint one or more officers or employees of
9 the National Institute of Standards and Technology
10 to liaise with non-Federal entities conducting re-
11 search or other activities related to premise plumb-
12 ing.

13 **SEC. 3. REPORT.**

14 Not later than 4 years after the date of the enact-
15 ment of this Act, and every 4 years thereafter, the Direc-
16 tor of NIST shall submit to Congress a report on the
17 progress made by NIST regarding—

18 (1) the status of the laboratory described in
19 paragraph (1) of section 2, including any staff des-
20 ignated to work in such laboratory;

21 (2) all projects of NIST related to premise
22 plumbing, including completed projects, projects in
23 progress, and projects planned for the future;

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

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

3 **SEC. 4. DEFINITION.**

4 In this Act, the term “premise plumbing” means the
5 water distribution system located within the property lines
6 of a property, including all buildings and permanent struc-
7 tures on such property. Such term includes building sup-
8 ply and distribution pipes, fixtures, fittings, water heaters,
9 water-treating and water-using equipment, and all respec-
10 tive joints, connections, devices, and appurtenances.

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