

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.

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## 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

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## 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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