

118TH CONGRESS
2D SESSION

H. R. 9588

To direct the Secretary of Transportation to issue certain regulations with respect to the safe transportation of lithium-ion batteries, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

SEPTEMBER 12, 2024

Ms. TITUS introduced the following bill; which was referred to the Committee on Transportation and Infrastructure

A BILL

To direct the Secretary of Transportation to issue certain regulations with respect to the safe transportation of lithium-ion batteries, 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 “Thermal Runaway Re-
5 duction Act”.

6 **SEC. 2. REQUIREMENTS FOR SAFE TRANSPORT OF LITH-**
7 **IUM-ION BATTERIES.**

8 Not later than 1 year after the date of enactment
9 of this Act, the Secretary of Transportation shall—

1 (1) work with the United Nations Sub-
2 committee of Experts on the Transportation of Dan-
3 gerous Goods to revise the design tests in subsection
4 38.3 of the UN Manual of Tests and Criteria to de-
5 velop an impact test for lithium batteries installed in
6 transport units and transported under UN 3536 to
7 allow improved ability to withstand forces experi-
8 enced in transport accidents without going into ther-
9 mal runaway; and

10 (2) issue such regulations as are necessary to
11 amend section 173.185 of title 49, Code of Federal
12 Regulations to require lithium cell or batteries (ex-
13 cept smaller cells and batteries described in such
14 section) under subsection (a)(4) and (d) of such sec-
15 tion to be offered for transport at a state of charge
16 not exceeding 30 percent of the rated capacity of
17 such battery (determined through the guidance and
18 methodology under section 38.3.2.3 of the Manual of
19 Tests and Criteria of the United Nations) and au-
20 thorize the transportation of lithium-ion cells and
21 batteries at a state of charge greater than 30 per-
22 cent of the rated capacity of such battery only under
23 conditions approved by the Associate Administrator

- 1 in accordance with the requirements in subpart H of
- 2 part 107 of such title.

