

**As Introduced**

**132nd General Assembly**

**Regular Session**

**2017-2018**

**H. B. No. 127**

**Representatives Perales, Dever**

**Cosponsors: Representatives Ashford, Henne, Lipps, Rezabek, Lepore-Hagan,  
Celebrezze, Romanchuk, West**

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**A BILL**

To enact section 3781.21 of the Revised Code to 1  
establish in the Ohio Building Code requirements 2  
pertaining to structural steel welding and 3  
bridge welding. 4

**BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF OHIO:**

**Section 1.** That section 3781.21 of the Revised Code be 5  
enacted to read as follows: 6

**Sec. 3781.21.** (A) As used in this section: 7

(1) "Accredited testing facility" or "ATF" means a 8  
facility that has been accredited by the American welding 9  
society (AWS) to test and certify welders and welding 10  
inspectors. 11

(2) "Adequate welding standards" means specifications, 12  
guidelines, tests, and other methods used to ensure that all 13  
structural steel and bridge welds meet, at minimum, the codes 14  
and standards for such welds established in the American welding 15  
society structural steel welding code D1.1, the American welding 16  
society bridge welding code D1.5, and the Ohio building code. 17

(3) "Bridge welding" means welding and weld repair to a 18  
welded transportation bridge. 19

(4) "Certified welding inspector" means a person who has 20  
been certified by the American welding society to inspect 21  
structural steel welding projects and conduct welder 22  
qualification tests. 23

(5) "Structural steel welding" means structural welds, 24  
weld repair, the structural system, and the welding of all 25  
primary steel members of a structure in accordance with the D1.1 26  
and D5.1 codes. "Structural steel welding" does not include 27  
welding that is required by the American society of mechanical 28  
engineers to have its own certification. 29

(B) The board of building standards shall adopt, pursuant 30  
to division (A) of section 3781.10 of the Revised Code, rules 31  
mandating that each of the following requirements be met in all 32  
construction projects involving structural steel welding: 33

(1) All welders performing structural steel welding for 34  
the project have been tested by and hold a valid certification 35  
from an accredited testing facility. 36

(2) All structural steel welding performed for the project 37  
meets adequate welding standards. 38

(3) All structural steel welding inspections listed in the 39  
project's job specifications are completed by a certified 40  
welding inspector. 41

**Section 2.** The provisions of this act are intended to 42  
ensure the safety, quality, and integrity of structural steel 43  
welding and that all welding standards are met. The requirements 44  
of this act shall be mandated by general contractors, project 45  
managers, contractors, and subcontractors in all projects 46

involving structural steel welding.

47