

**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 welded transportation bridge. 18  
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(4) "Certified welding inspector" means a person who has been certified by the American welding society to inspect structural steel welding projects and conduct welder qualification tests. 20  
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(5) "Structural steel welding" means structural welds, weld repair, the structural system, and the welding of all primary steel members of a structure in accordance with the D1.1 and D5.1 codes. "Structural steel welding" does not include welding that is required by the American society of mechanical engineers to have its own certification. 24  
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(B) The board of building standards shall adopt, pursuant to division (A) of section 3781.10 of the Revised Code, rules mandating that each of the following requirements be met in all construction projects involving structural steel welding: 30  
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(1) All welders performing structural steel welding for the project have been tested by and hold a valid certification from an accredited testing facility. 34  
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(2) All structural steel welding performed for the project meets adequate welding standards. 37  
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(3) All structural steel welding inspections listed in the project's job specifications are completed by a certified welding inspector. 39  
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**Section 2.** The provisions of this act are intended to ensure the safety, quality, and integrity of structural steel welding and that all welding standards are met. The requirements of this act shall be mandated by general contractors, project managers, contractors, and subcontractors in all projects 42  
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involving structural steel welding.

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