

1 AN ACT relating to welding safety.

2 *Be it enacted by the General Assembly of the Commonwealth of Kentucky:*

3 ➔SECTION 1. A NEW SECTION OF KRS CHAPTER 198B IS CREATED TO
4 READ AS FOLLOWS:

5 *(1) As used in this section, unless the context otherwise requires:*

6 *(a) "Accredited testing facility" means a facility that tests and certifies welders*
7 *and welding inspectors, and which has been accredited by the AWS;*

8 *(b) "ASME" means the American Society of Mechanical Engineers;*

9 *(c) "AWS" means the American Welding Society;*

10 *(d) "Certified welding inspector" means a person who has been certified by the*
11 *AWS to inspect structural steel welding projects and is independent of a*
12 *Kentucky building program having jurisdiction;*

13 *(e) "D1.1" means the current version of the Structural Welding Code – Steel,*
14 *approved American National Standard from the AWS;*

15 *(f) "D1.5" means the current version of the Bridge Welding Code, approved*
16 *American National Standard from the AWS jointly with the American*
17 *Association of State Highway and Transportation Officials;*

18 *(g) "Structural steel welding" means structural welds, weld repair, the*
19 *structural system, and the welding of all primary steel members of a*
20 *structure per D1.1 and D1.5. Where ASME work is required, it shall be*
21 *done by ASME certified welders; and*

22 *(h) "Welding standards" means the specifications, guidelines, tests, and other*
23 *methods used to develop a system of quality control to ensure that welding is*
24 *conducted in such a manner that all welds must meet, at a minimum, D1.1*
25 *and D1.5 standards established by the AWS.*

26 *(2) To ensure the safety, quality, and integrity of structural steel welding and that all*
27 *welding standards are met, the following requirements shall be mandated by*

- 1 general contractors, project managers, contractors, and subcontractors in all
2 projects involving structural steel welding where the design professional
3 responsible for the project includes the D1.1 or D1.5 in the job specifications:
4 (a) Welders performing structural steel welding on a project shall have been
5 tested and certified by an accredited testing facility;
6 (b) Structural steel welding performed on a project shall meet welding
7 standards;
8 (c) Structural steel welding performed on a project shall be inspected by a
9 certified welding inspector per job specification; and
10 (d) A certified welding inspector shall submit an affidavit to the design
11 professional responsible for the project confirming that the inspection is
12 complete.