

## NOTICE

Amendment to 803 KAR 2:325, General industry standards, was filed with the Legislative Research Commission on April 27, 2021.

The amendment is posted at <https://legislature.ky.gov>. Select the Kentucky Law Tab, Kentucky Administrative Regulations, KAR List by Title, then Title 803 Labor Cabinet and scroll down to the regulation under Chapter 2 Occupational Safety and Health.

Changes to the regulation and public hearing information is available at the aforementioned website or in the pages below following this notice.

FILED WITH LRC  
TIME: 9:34 AM  
APR 27 2021  
Emily B Cauchill  
REGULATIONS COMPILER

1 LABOR CABINET

2 Department of Workplace Standards

3 Division of Occupational Safety and Health Compliance

4 Division of Occupational Safety and Health Education and Training

5 (Amendment)

6 803 KAR 2:325. General industry standards.

7 RELATES TO: KRS Chapter 338

8 STATUTORY AUTHORITY: KRS 338.051(3), 338.061 [~~KRS Chapter 13A~~]

9 NECESSITY, FUNCTION, AND CONFORMITY: KRS 338.051(3) requires [~~and 338.061~~  
10 ~~authorize~~] the Kentucky Occupational Safety and Health Standards Board to [~~adopt and~~  
11 ~~promulgate occupational safety and health~~ [~~rules, administrative~~] regulations [~~, and standards~~]  
12 and authorizes the chairman to reference federal standards without board approval if necessary to  
13 meet federal time requirements. KRS 338.061 authorizes the board to establish, modify, or repeal  
14 standards and reference federal standards. This administrative regulation establishes standards  
15 that are enforced by the Department of Workplace Standards in general industry [~~Consistent with~~  
16 ~~this authority the following administrative regulations contain those standards to be enforced by~~  
17 ~~the Division of Occupational Safety and Health Compliance. The Occupational Safety and~~  
18 ~~Health Standards Board hereby adopts the following administrative regulations applicable to~~  
19 ~~general industry. Necessary for effective enforcement of the purposes and policies of the~~  
20 ~~Occupational Safety and Health Act which is to insure so far as is possible, safe and healthful~~  
21 ~~working conditions of Kentucky workers (KRS 338.011)].~~

1 Section 1. Definitions. (1) “C.F.R.” means Code of Federal Regulations.

2 (2) “Employee” is defined by KRS 339.015(2).

3 (3) “Employer” is defined by KRS 338.015(1).

4 Section 2. Batteries. Changing and charging storage batteries [(for automotive-type battery  
5 charging installations, in-vehicle charging of batteries, and battery jump starting of vehicles)].

6 (1)(a) Facilities shall be provided for flushing electrolyte from the eyes and skin with water when  
7 changing or charging storage batteries.

8 (b) An adequate water supply shall be within twenty-five (25) feet of the work area.

9 (2)(a) No battery shall be charged or discharged within a closed or unvented container.

10 (b) The batteries shall be charged:

11 1. ~~(a)~~ In the open; or

12 2. ~~(b)~~ In a mechanically-ventilated space; or

13 3. ~~(c)~~ In a space providing at least twenty (20) cubic feet per ampere of charging capacity.

14 (3)(a) A face shield or goggles shall be provided and available at each charging unit.

15 (b) The use of the face shield or goggles shall be required for connection and disconnection of  
16 vehicle or charger leads to the battery terminals and for the addition or pouring of electrolyte.

17 (4) Employees shall wear face shields or goggles during installation and removal of batteries  
18 from vehicles, while connecting and disconnecting battery charger or jumper cable leads, or  
19 ~~and~~ while handling electrolyte.

20 (5) Employees shall be instructed to:

21 (a) Turn off the battery charger to connect or disconnect the battery;

22 (b) Wash acid spills immediately; and

23 (c) Flush electrolyte from eyes and skin with water for ten (10) minutes.

1 Section 3 [2]. [~~Safety and Testing of Supply Lines in Excess of 600 Volts. (1) Definitions.~~

2 (a) ~~Disconnected means disconnected from any electrical source of supply;~~

3 (b) ~~Guarded: protected by personnel, covered, fenced, or enclosed by means of suitable castings,~~

4 ~~barrier, rails, screens, mats, platforms, or other suitable devices in accordance with standard~~

5 ~~barricading techniques designed to prevent dangerous approach or contact by persons or objects.~~

6 (Note: ~~Wires, which are insulated but not otherwise protected, are not considered as guarded;~~

7 (c) ~~Hold cards (also called "hold tags"): a card or tag type device, usually having a predominant~~

8 ~~color of white or red which warns against or which cautions against the operation of a particular~~

9 ~~switch, device, circuit, tool, machine, etc.;~~

10 (d) ~~Near: a distance no closer than that shown in the table in subsection (3)(c) of this section;~~

11 (e) ~~Qualified person: a person who, because of experience and training is familiar with the~~

12 ~~construction and operation of the apparatus or equipment and the hazards involved in the~~

13 ~~performance of the job.~~

14 (2) ~~Purpose. (a) The intent and purpose of this administrative regulation is to provide and~~

15 ~~establish safety procedures for testing equipment to protect electrical workers from hazards~~

16 ~~resulting from exposure to high voltage;~~

17 (b) ~~This administrative regulation shall apply to nonutility electrical workers who are engaged in~~

18 ~~electrical construction or maintenance of electrical conductors and equipment rated at 600 volts~~

19 ~~and above.~~

20 (3) ~~Energized conductors and equipment. (a) Only qualified employees shall work on or near~~

21 ~~high voltage conductors or equipment;~~

22 (b) ~~Personal protective equipment shall be provided by the employer and used by the employee~~

23 ~~when working on or near energized, ungrounded high voltage conductors or equipment;~~

1 ~~(c) No employee shall approach or take any conductive object, without an approved insulating~~  
2 ~~handle, within the minimum distance specified in the table below, unless the energized part is~~  
3 ~~insulated or guarded from the employee, or the employee is effectively insulated from the live~~  
4 ~~parts. Rubber gloves (sleeves if necessary) rated for the voltage involved shall be considered~~  
5 ~~effective insulation of the employee from the energized part.~~

Minimum Clear Distance From Live Parts	
Voltage Phase to Phase (Kilovolts)	Distance Phase to Employee
0.6 to 34.5	2'
34.5 to 46	2' 1/2'
46 to 69	3'
69 to 115	3' 4"
115 to 138	3' 6"
138 to 169	3' 8"

6 ~~(4) Deenergized conductor or equipment. (a) Existing conditions shall be determined before~~  
7 ~~starting work on electrical conductor and/or equipment;~~

8 ~~(b) Before any work is performed, all electrical switches, breakers and associated disconnecting~~  
9 ~~devices shall be opened, made inoperable and hold tagged out by the person in charge.~~

10 ~~Employees shall be trained and thoroughly instructed in the tagging procedure. One (1) qualified~~  
11 ~~person, for example: foreman, general foreman or first class electrician, of each crew shall be~~  
12 ~~responsible for attaching hold tags and/or hold cards to the disconnecting means. When more~~  
13 ~~than one (1) crew is involved in the work, multiple hold tags or hold cards shall be placed in the~~  
14 ~~handle of the disconnecting equipment. The use of such tags must be respected. Equipment or~~  
15 ~~items so tagged must not be activated or used without full and proper authority of a responsible~~  
16 ~~person whose signature appears on the tag;~~

17 ~~(c) Conductors shall be short circuited and grounded wherever possible;~~

18 ~~(d) Capacitors may be components of apparatus of the disconnected electrical system. Before~~  
19 ~~employees are allowed to work, the capacitors shall be discharged, short circuited and grounded;~~

1 ~~(e) When deenergizing conductors and equipment and the means of disconnecting from the~~  
2 ~~energy source is not visibly open, a voltage test shall be made before starting work. An~~  
3 ~~operational check shall be made of the voltage tester prior to and following the voltage test to~~  
4 ~~determine reliability of the testing device. The test device must be handled and used while~~  
5 ~~wearing or using approved protective equipment during the test;~~

6 ~~(f) All conductors and equipment shall be treated as energized until tested, short circuited and~~  
7 ~~effectively grounded except when the circuit involved is isolated from all possible sources of~~  
8 ~~energizing voltage from another circuit, induced voltage or back feed;~~

9 ~~(g) The voltage condition of deenergized conductors and/or equipment shall be determined with~~  
10 ~~testing equipment designed for the applicable voltage;~~

11 ~~(h) Upon completion of work on deenergized conductors and equipment, the person responsible~~  
12 ~~shall ascertain that all employees under his jurisdiction are clear and that all protective short~~  
13 ~~circuit and grounding lines are removed. The qualified person(s) shall then remove his hold~~  
14 ~~tag(s). Only at this time shall conductors and equipment be reenergized.~~

15 ~~Section 3. Safety Belts, Lanyards and Life Lines. (1) Employees working from open-sided~~  
16 ~~unguarded floors, pipe racks, and ledges, platforms, walkways, machinery, stock shelves, or~~  
17 ~~similar unguarded working surfaces which are elevated ten (10) feet or more above a lower level~~  
18 ~~shall be secured by safety belts and lanyards, life lines where necessary, or shall be protected by~~  
19 ~~safety nets.~~

20 ~~(2) Lanyards shall have a nominal breaking strength of 5,400 lbs. The combination of safety~~  
21 ~~belts and lanyards, life lines where necessary, shall be designed to permit a fall of not more than~~  
22 ~~five (5) feet.~~

23 ~~(3) All safety belt and lanyard hardware, except rivets, shall be capable of withstanding a tensile~~