

Adoption of NIST Handbook 44

116.01 The Department adopts current Handbook 44 as published by the National Institute of Standards and Technology as the specifications, tolerances and other technical requirements for weighing and measuring devices in Mississippi, except where modified, amended, or rejected herein. A copy of Handbook 44 may be obtained from the website of the National Institute of Standards and Technology, <http://www.nist.gov/pml/wmd/pubs/h44-11.cfm>.

(Adopted June 2011)

Source: *Miss. Code Ann.* §75-27-19 (Rev. 2005).

116.02 The Department modifies HB 44, Section 2.20. “Scales, UR.2.6. Approaches” by making the following exclusion as indicated by strike through and additions, as indicated by the underlined language:

UR.2.6.1. Vehicle Scales. – On the entrance and exit end(s) of a vehicle scale, there shall be a straight approach as follows:

- (a) the width at least the width of the platform,
- (b) the length at least one-half the length of the platform but not required to be more than 12 m (40 ft), and
- (c) not less than 3 m (10 ft) of any approach adjacent to the platform shall be in the same plane as the platform. Any slope in the remaining portion of the approach shall ensure (1) ease of vehicle access, (2) ease for testing purposes, and (3) drainage away from the scale.

In addition to (a), (b), and (c), scales installed in any one location for a period of 6 months or more shall have not less than 3 m (10 feet) of any approach adjacent to the platform constructed of concrete to ensure that this portion remains smooth and level and in the same plane as the platform; however, steel grating of sufficient strength to withstand all loads equal to the concentrated load capacity of the scale may be installed in this portion. Any slope in the remaining portion of the approach referred to in (c) above shall be no more than ½ inch per foot and be constructed of concrete.

[Nonretroactive as of January 1, 1976]  
(Amended 1977, 1983, 1993, 2006, and 2010)

(Adopted June 2011)

Source: *Miss. Code Ann.* §75-27-19 (Rev. 2005).

116.03 The Department modifies pertinent sections of HB 44, Section 1.10. “General Code” by making the following additions, as indicated by the underlined language:

1. G-S.5. Indicating and Recording Elements.
  - A. G-S.5.1. General.–All weighing and measuring devices shall be provided with indicating and/or recording elements appropriate in design and adequate in amount. Primary indications and recorded representations shall be clear,

definitive, accurate, and easily read under any conditions of normal operation of the device.

B. G-S.5.6. Recorded Representations. Insofar as they are appropriate and as determined by the Department, the requirements for indicating and recording elements shall also apply to recorded representations. All recorded values shall be printed digitally.

2. G-UR.2. Installation Requirements.

G-UR.2.2. Installation of Indicating and/or Recording Element. - A device shall be so installed that there is no obstruction between a primary indicating and/or recording element and the weighing or measuring element; otherwise there shall be convenient and permanently installed means for direct communication, oral or visual, between an individual located at a primary indicating and/or recording element and an individual located at the weighing or measuring element.

3. G-UR.3. Use Requirements.

G-UR.3.3. Position of Equipment. – A device or system equipped with a primary indicating element and used in direct sales, except for prescription scales, shall be positioned so that its indications may be accurately read and the weighing or measuring operation may be observed from some reasonable “customer” and “operator” position, as determined by the Department. The permissible distance between the equipment and a reasonable customer and operator position shall be determined in each case upon the basis of the individuals circumstances, particularly the size and character of the indicating element.

(Adopted June 2011)

Source: *Miss. Code Ann.* §75-27-19 (Rev. 2005).

116.04 The Department modifies HB 44, Section 1.10. “General Code” by making the following additions, as indicated by the underlined language:

G-S.5. Indicating and Recording Elements.

A. G-S.5.1. General.–All weighing and measuring devices shall be provided with indicating and/or recording elements appropriate in design and adequate in amount. Primary indications and recorded representations shall be clear, definitive, accurate; and easily read under any conditions of normal operation of the device. Scales must be connected to or equipped with an indicating element and/or recording element that is capable of making a permanent record of the weight for the customer. However, if the weight on the scale indicator or remote display is plainly visible to the customer, the operator is not required to have an indicating element and/or recording element. Any issues that may arise regarding customer readability of the scale indicator or remote display will be resolved by the Department.

(Adopted June 2011)

Source: *Miss. Code Ann.* §75-27-19 (Rev. 2005).