

- (d.) When of such construction that the accuracy is affected by slight variations in level, be provided with suitable levelling-screws and a suitably affixed spirit-level, and have the words "Scale incorrect if not truly level" clearly and indelibly marked in proximity to such level: Provided also that all levelling-screws shall be suitably enclosed or locked as approved by the Inspector:
- (e.) Have the lever counter-weight, when such weight is on the front of the machine, sufficiently enclosed to prevent manipulation:
- (f.) Have the stamping-plug fixed in the beam or in the front part of framework; in the latter case the framework shall be strengthened so as to provide an undercut hole to receive the plug.
62. A self-indicating counter-scale shall not—
- (a.) Have a sliding tare weight, unless in special cases approved by the Chief Inspector:
- (b.) Have a proportional or poise weight to increase the capacity of the scale, unless such weight is suspended from a stationary stud on the main lever:
- (c.) Be of a capacity exceeding 30 lb., unless of an approved type.
63. A self-indicating counter-scale equipped with a value-computing chart shall also comply with the following specifications:—
- (a.) Value computations shall be correct, and the chart generally shall be clear and distinct:
- (b.) The same value shall not be repeated in any column or row:
- (c.) Value graduations shall not represent more than 1d., and the lines shall be fine and easily readable:
- (d.) There shall not be more than twenty-four value graduations per inch: Provided that on cylindrical charts equipped with an approved magnifying-glass thirty-two graduations per inch shall be permissible:
- (e.) The indicating-line shall not be more than  $\frac{1}{32}$  in. in width, and shall not be distant from the chart more than  $\frac{1}{16}$  in.:
- (f.) When equipped with a cylindrical chart the scale shall be so constructed that the opening discloses at least two value graduations at the lowest price per pound:
- Provided that this regulation shall not take effect until twelve months from the date of these regulations, and shall not thereafter apply to any self-indicating counter-scales in use prior to the date on which this regulation comes into force.

64. The errors permissible on verification of self-indicating counter-scales shall be as specified in Table 11 for counter-scales.

*Steelyards.*

65. Steelyards shall—
- (a.) Be made of wrought iron, steel, or other approved material:
- (b.) Have a perfectly straight shank:
- (c.) Have all sliding poises and suspending-hooks securely attached:
- (d.) Have end fittings, such as the nut attached to prevent the poise-carrier sliding off the steelyard-arm, securely affixed:
- (e.) Have the stamping-plug fixed in the front face of the shoulder of the steelyard.
66. No person shall use for trade—
- (a.) Any accelerating steelyard:
- (b.) Any counter-steelyard, unless approved by the Chief Inspector:
- (c.) Any steelyard of a capacity less than 56 lb.:
- (d.) Any steelyard which is reversible and has three hooks:
- (e.) Any steelyard the sliding poise of which is not freely movable without risk of injury to the notches:
- (f.) Any steelyard which is not provided with a stop or other suitable arrangement to prevent excessive oscillation of the shank:
- (g.) Any steelyard not having a zero graduation; provided that this shall not apply to any steelyard in use for trade at the date of these regulations:

Provided this regulation shall not apply to any steelyard under clause 74 of these regulations.

67. The errors permissible on verification of steelyards shall be double those specified in Table 12 for platform machines.

*Wall-beams.*

68. The errors permissible for wall-beams and overhead weighers shall be those prescribed for dead-weight machines of similar capacity.

*Dead-weight Machines.*

69. The term "dead-weight machines" means any weighing-instrument similar in principle of construction to a counter-scale, but of a capacity of 1 cwt. and over, and includes—
- (a.) The low-pattern or cotton machine with the weighing-platform near the ground, and the connecting stays or hooks above the beam:
- (b.) The high-pattern or single machine with the weighing-platform at a convenient height and the connecting stays or hooks below the beam.