

SCHEDULE 3

TESTING

PART III

OTHER TESTING

14. Discrimination testing

- (a) Discrimination testing shall not be carried out on accelerating machines.
- (b) Subject to (a) above, discrimination testing shall be carried out with the machine loaded to the approved minimum load and maximum capacity, or as near as practicable thereto, using each load and weight receptor, or combination of receptors, separately with the associated indicating or printing device which has the smallest prescribed limit of error for the value of load used in the testing.
- (c) For non-self indicating machines, while balanced to give an indication of the load as at (b) above, an additional load equal to 0.4 times the absolute value of the prescribed limit of error added gently to the loaded receptor shall always produce:—
 - (i) an appreciable movement of the beam, in the case of a simple equal-arm beam;
 - (ii) a rise or fall to the limits of the range of movement of the beam or indicating element, in the case of a machine which is not a simple equal-arm beam.
- (d) For self or semi-self indicating machines, while loaded as at (b) above, the additional load placed gently on the loaded receptor shall:—
 - (i) in the case of analogue indication or printing be equivalent to the absolute value of the prescribed limit of error for the load on the receptor and shall always cause a permanent displacement of the indicating element corresponding to at least 0.7 times its value;
 - (ii) in the case of a digital indication or printing, be equivalent to 1.4 times the digital scale interval and shall always cause an increase in the reading of the initial indication.