1967. No. 238 **[C]**

WEIGHTS AND MEASURES

Person Weighing Machines

REGULATIONS, DATED 7TH SEPTEMBER 1967, MADE BY THE MINISTRY OF COMMERCE UNDER SECTIONS 5 AND 8 OF THE WEIGHTS AND MEASURES ACT (NORTHERN IRELAND) 1967.

The Ministry of Commerce, in exercise of the powers conferred upon it by sections 5(1) and (3), and 8(1) of the Weights and Measures Act (Northern Ireland) 1967(a) and of all other powers enabling it in that behalf, hereby makes the following Regulations:—

Citation and Commencement

1.—(1) These Regulations may be cited as the Weights and Measures (Person Weighing Machines) Regulations (Northern Ireland) 1967.

(2) These Regulations, other than Regulations 5 to 9, shall come into operation on 25th April 1969.

(3) Regulations 5 to 9 shall come into operation on 1st January 1970.

Interpretation

2. In these Regulations:

"the Act" means the Weights and Measures Act (Northern Ireland) 1967;

"the Ministry" means the Ministry of Commerce;

"approved pattern" means a pattern in respect of which a certificate of approval under section 6 of the Act is in force;

"authorised modification" means an approved pattern modified in accordance with an authorisation for the time being in force under the said section 6;

"capacity" means, in relation to a person weighing machine, the maximum capacity which the machine is constructed to weigh;

"prescribed limits of error" has the meaning assigned to it by Regulation 11; and

"weight increment", in relation to a self-indicating person weighing machine, means the weight equal to the difference between the weights represented by consecutive graduation lines, and in relation to a device for indicating a weight on a ticket or for announcing the weight, means the weight equal to the difference between any two consecutive weights which the machine is capable of indicating or of announcing, as the case may be.

Application

3. These Regulations shall apply to all weighing instruments for use for weighing persons which are made available for use by the public, whether on payment or otherwise, (hereinafter referred to as "person weighing machines") and to all weights associated with such instruments.

(a) 1967. c. 6 (N.I.).

Prescription under section 5

4. Person weighing machines and weights associated therewith are hereby prescribed as equipment to which section 5 of the Act applies.

Materials and Principles of Construction

5.—(1) Every person weighing machine shall comply with those requirements of the Weights and Measures Regulations (Northern Ireland) 1967(a), which relate to materials and principles of construction and which are applicable to a weighing instrument of the type, class or description to which the machine belongs:

Provided that, nothing in this Regulation shall require a spring balance person weighing machine to comply with the requirements of Regulation 35(2) and (3) of the Weights and Measures Regulations (Northern Ireland) 1967.

(2) Every weight associated with a person weighing machine shall comply with those requirements of the Weights and Measures Regulations (Northern Ireland) 1967, which relate to materials and principles of construction and which are applicable to a weight of the kind in question.

6.—(1) This Regulation shall apply to self-indicating person weighing machines, that is to say, person weighing machines marked with graduation lines which indicate a series of weights.

(2) The graduation lines shall be not less than $\frac{1}{8}$ inch long and—

(*a*) in the case of a machine of a capacity not exceeding 40 pounds or 20 kilogrammes shall be not less than $^1/_{16}$ inch apart;

(*b*) in any other case shall be not less than $^3/_{32}$ inch apart:

Provided that, where a machine is so constructed that the graduation lines are normally viewed through a magnifying lens or projected on to a screen, it shall be deemed to be sufficient compliance with this paragraph if the graduation lines, when so viewed, appear to be the required distance apart and the required length.

(3) No weight increment shall exceed the amount shown in the following Table:—

Capacity of machine	Weight increment
Less than 20 pounds	$\frac{1}{2}$ ounce
20 pounds or more, but not exceeding 40 pounds	1 ounce
Exceeding 40 pounds, but not exceeding 70 pounds	2 ounces
Exceeding 70 pounds	$^1/_{200}$ of capacity
Less than 5 kilogrammes	25 grammes
5 kilogrammes or more, but not exceeding 10 kilogrammes	50 grammes
Exceeding 10 kilogrammes, but not exceeding 20 kilogrammes	100 grammes
Exceeding 20 kilogrammes	$^1/_{200}$ of capacity

(a) S.R. & O. (N.I.) 1967, No. 237.

(4) The difference between the weights represented by consecutive numbered graduation lines shall not exceed 7 pounds if the machine is graduated in imperial units or 5 kilogrammes if the machine is graduated in metric units.

(5) Where the graduation lines do not commence at zero, the position of the pointer when there is no load on the machine shall be clearly indicated by a zero mark.

(6) Where the graduations are in both imperial and metric units—

(*a*) the imperial graduations shall be clearly separated from the metric graduations and shall be in a different colour therefrom;

(*b*) any figures or letters associated with either the imperial or the metric graduations shall be marked in the same colour as the graduations with which they are associated.

7.—(1) This Regulation shall apply to person weighing machines fitted with a device for indicating the weight on a ticket.

(2) The said device shall be such that the weight is indicated clearly and legibly.

(3) Where the weight is indicated on a ticket by means of an arrow which points to a scale marked with graduation lines, the said device shall be such that—

(*a*) the arrow is sharply defined;

(*b*) the ends of the graduation lines which are nearer to the head of the arrow are all in line;

(*c*) the distance between the head of the arrow and a line passing through the nearer ends of the graduation lines does not exceed $^1/_{16}$ inch;

(*d*) the graduation lines are not less than $^1/_{16}$ inch long and $^1/_{16}$ inch apart;

(*e*) alternate graduation lines are clearly and legibly marked with the weight they represent and not less than two such marked graduation lines appear on every ticket;

(*f*) not less than one graduation line appears on either side of the point indicated by the arrow.

(4) No weight increment which the said machine is capable of indicating on a ticket shall exceed—

(*a*) in the case of a self-indicating person weighing machine, the smallest weight increment which the machine is capable of indicating, otherwise than on a ticket;

(*b*) in any other case, the amount shown in the second column of the Table set out in Regulation 6(3) being the amount appropriate to the capacity of the machine.

8.—(1) This Regulation shall apply to person weighing machines fitted with a device for announcing the weight.

(2) The said device shall be such that it announces the weight clearly.

(3) No weight increment which the machine is capable of announcing shall exceed—

(*a*) in the case of a self-indicating person weighing machine, the smallest weight increment which the machine is capable of indicating, otherwise than by an announcement;