**1986 No. 307**

## WEIGHTS AND MEASURES

## Measuring Equipment (Liquid Fuel by Road Tanker) (Amendment) Regulations (Northern Ireland) 1986

*Made* . . . . . *24th September 1986*

*Coming into operation* . . . *3rd November 1986*

The Department of Economic Development, in exercise of the powers conferred by Articles 9(1) and (3), 10(6) and 13(1) of the Weights and Measures (Northern Ireland) Order 1981(**a**) and now vested in it(**b**) and of every other power enabling it in that behalf, hereby makes the following Regulations:—

*Citation and commencement*

**1.** These Regulations may be cited as the Measuring Equipment (Liquid Fuel by Road Tanker) (Amendment) Regulations (Northern Ireland) 1986 and shall come into operation on 3rd November 1986.

*Amendment of the Measuring Equipment (Liquid Fuel by Road Tanker) Regulations (Northern Ireland) 1984*

**2.** The Measuring Equipment (Liquid Fuel by Road Tanker) Regulations (Northern Ireland) 1984(**c**) shall be amended as follows:—

(*a*) in Regulation 2(1):—

(i) there shall be added at the appropriate place in alphabetical order the following definitions:—

" "bottom loaded compartment" means a compartment which is designed for filling from the bottom and incorporates a dipstick measuring system or a contents gauging system whose calibration includes the volume of pipework between the foot valve and the outlet valve;";

" "frustrated delivery" means a planned delivery which cannot be completed because:—

(*a*) there is not enough space in the customer's storage tank,

(*b*) continuing the delivery would result in prohibited mixing of fuels or contamination, or,

(*c*) a component of the measuring system breaks down;";

" "tank shell" means the skin forming the inner surface of the compartment;"; and

" "top loaded compartment" means a compartment which is designed for filling from the top;";

(ii) in the definition of "compartment" the words "but does not include" onwards shall be deleted; and

(iii) in the definition of "prescribed limits of error", for the words "Regulation 56(2)" there shall be substituted the words "Regulation 56(4)";

(**a**) S.I. 1981/231 (N.I. 10)
(**b**) By S.I. 1982/846 (N.I. 11) Art. 4
(**c**) S.R. 1984 No. 117

(*b*) for paragraph 3 of Regulation 2 there shall be substituted the following paragraph:—

"(3) The abbreviations of, and symbols for, units of measurement used in these Regulations refer to the relevant units as follows:—

| | | |
|---|---|---|
| cubic metre | ... | $m^3$ |
| millimetre | ... | mm |
| square centimetre | ... | $cm^2$ |
| degree celsius | ... | °C |
| second | ... | s |
| square millimetre | ... | $mm^2$"; |

(*c*) in Regulation 3:—

(i) in paragraph (1), for the words "paragraph (2)" there shall be substituted the words "paragraphs (2) and (3)";

(ii) in paragraph (2)(*a*), for the words "dispensed at other than ambient temperature" there shall be substituted the words "with a kinematic viscosity exceeding 100 $mm^2/s$ at 15°C"; and

(iii) after paragraph (2) there shall be added the following paragraphs:—

"(3) Except for Regulations 5, 17 and 36, these Regulations do not apply to meter measuring systems which bear the mark of EEC initial verification.

(4) In this Regulation, "mark of EEC initial verification" means the mark described in paragraph 5 of Schedule 1 to the Measuring Instruments (EEC Requirements) Regulations 1980(**a**).";

(*d*) at the end of Regulation 5(2) there shall be added the words "or where a frustrated delivery has taken place and all reasonable precautions have been taken and all due diligence has been exercised to avoid a frustrated delivery";

(*e*) after Regulation 19 there shall be added the following Regulation:—

"*Approved patterns of construction and identification marks*

**19A.**—(1) On and after 1st September 1988, every dipstick measuring system which is incorporated in a bottom loaded compartment shall be made in accordance with a pattern in respect of which a certificate of approval is in force.

(2) Every dipstick measuring system made in accordance with a pattern as mentioned in paragraph (1) shall be legibly and durably marked with the number of the certificate of approval preceded by the words "Certification No." or "Cert. No." or "DED Certification No." or "DED Cert. No." as the case may be.";

(*f*) for Regulation 20 there shall be substituted the following Regulation:—

"*Construction of dipsticks*

**20.**—(1) Every dipstick shall consist of a blade and a crosspiece.

(2) The blade shall be made of hard wood treated to reduce absorption, glass-reinforced plastic or other suitable material.

(3) The blade shall be free from flaws and sufficiently straight to be satisfactory for measurement.

(4)(*a*) Subject to sub-paragraph (*b*) and paragraph (6), the blade shall extend to within 20 mm of the tank shell beneath the dipstick but not so as to touch the tank shell.

(a) S.I. 1980/1058; the relevant amending instrument is S.I. 1985/1871