

**COMMISSION DECISION**  
**of 20 October 2003**  
**amending Decision 88/234/EEC authorising methods for grading pig carcasses in the United Kingdom**

*(notified under document number C(2003) 3798)*

**(Only the English text is authentic)**

(2003/750/EC)

THE COMMISSION OF THE EUROPEAN COMMUNITIES,

Having regard to the Treaty establishing the European Community,

Having regard to Council Regulation (EEC) No 3220/84 of 13 November 1984 determining the Community scale for grading pig carcasses <sup>(1)</sup>, as last amended by Regulation (EC) No 3513/93 <sup>(2)</sup>, and in particular Article 5(2) thereof,

Whereas:

- (1) Commission Decision 88/234/EEC <sup>(3)</sup>, as last amended by Decision 94/567/EC <sup>(4)</sup>, has introduced several grading methods for use in the United Kingdom.
- (2) The United Kingdom has requested the Commission to authorise the use of a new method for grading pig carcasses in Great Britain and has submitted the details required in Article 3 of Commission Regulation (EEC) No 2967/85 of 24 October 1985 laying down detailed rules for the application of the Community scale for grading pig carcasses <sup>(5)</sup>, as last amended by Regulation (EC) No 3127/94 <sup>(6)</sup>. An examination of this request has revealed that the conditions for authorising the new grading method are fulfilled.
- (3) At the same occasion, the United Kingdom has asked the Commission to remove the Ultra-Fom apparatus from Decision 88/234/EEC because this device is no longer used in Great Britain.
- (4) Decision 88/234/EEC should be amended accordingly.
- (5) The measures provided for in this Decision are in accordance with the opinion of the Management Committee for Pigmeat,

HAS ADOPTED THIS DECISION:

*Article 1*

Decision 88/234/EEC is hereby amended as follows:

1. Article 1 is amended as follows:
  - (a) in the first paragraph, the fifth indent is replaced by the following:
    - the apparatus termed “Fully automatic ultrasonic carcass grading” (Autofom) and assessment methods related thereto, details of which are given in part 5 of the Annex;
  - (b) the third paragraph is deleted.
2. In Annex I, part 5 is replaced by the text in the Annex to this Decision.

*Article 2*

This Decision is addressed to the United Kingdom of Great Britain and Northern Ireland.

Done at Brussels, 20 October 2003.

*For the Commission*

Franz FISCHLER

*Member of the Commission*

<sup>(1)</sup> OJ L 301, 20.11.1984, p. 1.

<sup>(2)</sup> OJ L 320, 22.12.1993, p. 5.

<sup>(3)</sup> OJ L 105, 26.4.1988, p. 15.

<sup>(4)</sup> OJ L 215, 20.8.1994, p. 28.

<sup>(5)</sup> OJ L 285, 25.10.1985, p. 39.

<sup>(6)</sup> OJ L 330, 21.12.1994, p. 43.

## ANNEX

## PART 5

**Fully automatic ultrasonic carcass grading (Autofom)**

1. Pig carcass grading shall be carried out using the apparatus termed Autofom (*Fully automatic ultrasonic carcass grading*).
2. The apparatus shall be equipped with 16 16,2 MHz ultrasonic transducers (Krautkrämer, SFK 2 NP), with an operating distance between transducers of 25 mm.

The ultrasonic data shall comprise measurements of backfat thickness and muscle thickness.

The results of the measurements are converted into estimated lean meat content using a computer.

3. The carcass's lean meat content shall be calculated on the basis of 108 measurement points using the following formula:

$$\begin{aligned}
 y = & 64,56076 - 0,011867 x_1 - 0,037750 x_2 - 0,013357 x_3 - 0,011163 x_4 - 0,021255 x_5 - 0,006461 x_6 - \\
 & 0,016539 x_7 - 0,026134 x_8 - 0,011734 x_9 - 0,010533 x_{10} - 0,021250 x_{11} - 0,011591 x_{12} - 0,023174 x_{13} - \\
 & 0,035567 x_{14} - 0,012220 x_{15} - 0,010566 x_{16} - 0,024556 x_{17} - 0,015644 x_{18} - 0,012601 x_{19} - 0,024600 x_{20} - \\
 & 0,011233 x_{21} - 0,010434 x_{22} - 0,022287 x_{23} - 0,015566 x_{24} + 0,003953 x_{25} + 0,004604 x_{26} + 0,004438 x_{27} + \\
 & 0,004865 x_{28} - 0,035444 x_{29} - 0,022043 x_{30} - 0,035690 x_{31} - 0,043143 x_{32} - 0,035588 x_{33} - 0,034093 x_{34} - \\
 & 0,037165 x_{35} - 0,027871 x_{36} - 0,029070 x_{37} - 0,028929 x_{38} - 0,028884 x_{39} - 0,028174 x_{40} - 0,023148 x_{41} - \\
 & 0,025299 x_{42} - 0,035816 x_{43} - 0,044413 x_{44} - 0,044408 x_{45} - 0,034309 x_{46} - 0,029252 x_{47} - 0,018420 x_{48} - \\
 & 0,008756 x_{49} - 0,012405 x_{50} - 0,016834 x_{51} - 0,019488 x_{52} - 0,021442 x_{53} - 0,023237 x_{54} - 0,022466 x_{55} - \\
 & 0,033462 x_{56} - 0,031548 x_{57} - 0,031020 x_{58} - 0,030049 x_{59} - 0,029518 x_{60} - 0,030063 x_{61} - 0,049797 x_{62} - \\
 & 0,050145 x_{63} - 0,049625 x_{64} - 0,049249 x_{65} - 0,047528 x_{66} - 0,045669 x_{67} - 0,026058 x_{68} - 0,025250 x_{69} - \\
 & 0,023297 x_{70} - 0,022976 x_{71} - 0,022032 x_{72} - 0,022040 x_{73} - 0,015719 x_{74} - 0,028318 x_{75} - 0,017586 x_{76} + \\
 & 0,007988 x_{77} + 0,008649 x_{78} + 0,009642 x_{79} + 0,009355 x_{80} + 0,008768 x_{81} + 0,006580 x_{82} + 0,005336 x_{83} + \\
 & 0,008744 x_{84} + 0,008690 x_{85} + 0,008155 x_{86} + 0,008398 x_{87} + 0,008496 x_{88} + 0,009162 x_{89} + 0,009559 x_{90} + \\
 & 0,009805 x_{91} + 0,009867 x_{92} + 0,009476 x_{93} + 0,008720 x_{94} + 0,008490 x_{95} + 0,008367 x_{96} + 0,008861 x_{97} + \\
 & 0,007226 x_{98} + 0,007774 x_{99} + 0,008204 x_{100} + 0,008142 x_{101} + 0,007890 x_{102} + 0,007522 x_{103} + 0,008219 x_{104} + \\
 & 0,007665 x_{105} + 0,005622 x_{106} + 0,008785 x_{107} + 0,008284 x_{108}
 \end{aligned}$$

where:

y = the estimated lean meat content of the carcass

$x_1, x_2 \dots x_{108}$  are the variables measured by Autofom.

4. Descriptions of the measurement points and the statistical method can be found in Part II of the United Kingdom protocol forwarded to the Commission in accordance with Article 3(3) of Regulation (EEC) No 2967/85.

The formula shall be valid for carcasses weighing between 50 and 120 kilograms.'