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ANNEX

Annex I to Regulation (EC) No 1099/2009 is amended as follows:

1) Chapter I is amended as follows:

(a) in Table I, row 2 is replaced by the following:

'No	Name	Description	Conditions of use	Key parameters	Specific requirements of Chapter II of this Annex
2	Non-penetrative captive bolt device	<p>Severe damage of the brain by the shock of a captive bolt without penetration.</p> <p>Simple stunning, except for piglets up to 5 kg live weight, and for lambs and kid goats up to 4,5 kg live weight.</p>	<p>Ruminants up to 10 kg live weight.</p> <p>Piglets up to 10 kg live weight.</p> <p>Poultry, rabbits and hares.</p> <p>Slaughter, depopulation and other situations.</p>	<p>Position and direction of the shot.</p> <p>Appropriate velocity, kinetic energy, diameter and shape of bolt according to animal size and species.</p> <p>Strength of the cartridge used.</p> <p>Maximum stun to stick or kill interval(s).</p>	Point 1.'

(b) in Table 3, the following row is added:

'No	Name	Description	Conditions of use	Key parameters	Specific requirements of Chapter II of this Annex
8	Nitrogen high expansion foam	Direct exposure of conscious animals in purpose-built containers to high expansion foam as a vehicle to carry nitrogen leading to anoxia by the reduction in available oxygen to less than 2 %.	Pigs of 15 to 41 kg live weight, laying hens and broiler chickens.  Other situations than slaughter.	Oxygen concentration.  Duration of exposure.  Foam expansion ratio.  Diameter of the bubbles and foam homogeneity.  Foam production rate.  Distribution of the foam.  Stocking density.  Water temperature and nitrogen vaporisation.  Foaming agent.  Visibility of animals.  Quality (softness or hardness) of the water.	Point 11'

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2. Chapter II is amended as follows:

(a) point 1, Non-penetrative captive bolt device, is amended as follows:

‘When using this method in ruminants, business operators shall pay attention to avoid fracturing the skull.

In piglets, the device shall be applied with a single impact on the midline of the frontal-parietal bone. The body of the piglet shall be restrained, and the head shall rest on a hard surface.

In neonatal lambs and goat kids, the muzzle of the device shall be applied with a single impact on the midline behind the poll (that is to say, between the ears) with the chin tucked into the neck.

(b) the following point 11 is added:

‘11. Nitrogen high expansion foam

The residual oxygen concentration shall be continuously monitored and be less than 2% by volume until the animals are dead; the exposure time shall be at least 5 minutes for poultry and 7 minutes for pigs.

The foam expansion ratio shall be maintained at 1:>250.

The diameter of the bubbles in 95% of the foam shall be at least 10 millimetres and foam homogeneity shall be maintained.

The foam production rate shall be adequate to fill the container in less than 60 seconds.

The foam distribution within the container shall be uniform and without air pockets.

The stocking density within the container shall be adequate to establish uniform and simultaneous exposure of the animals to the anoxia.

The temperature of water supply shall be lukewarm, and the nitrogen shall be fully vapourised prior to reaching the foam generator.

The foaming agent shall not be harmful to the animals.

The foam shall be transparent, and observation of the animals shall not be obscured.’