

ANNEX V

TRANSFORMATION OF ANIMAL BY-PRODUCTS AND DERIVED PRODUCTS INTO BIOGAS, COMPOSTING

CHAPTER I

REQUIREMENTS APPLICABLE TO PLANTS

Section 1

Biogas plants

1. A biogas plant must be equipped with a pasteurisation/hygienisation unit, which cannot be by-passed for the animal by-products or derived products introduced with a maximum particle size of 12 mm before entering the unit, with:
 - (a) installations for monitoring that the temperature of 70 °C is reached during the time of one hour;
 - (b) recording devices to record continuously the results of the monitoring measurements referred to in point (a); and
 - (c) an adequate system to prevent insufficient heating.
2. By way of derogation from point 1, a pasteurisation /hygienisation unit shall not be mandatory for biogas plants that transform only:
 - (a) Category 2 material that has been processed in accordance with processing method 1 as set out in Chapter III of Annex IV;
 - (b) Category 3 material that has been processed in accordance with any of the processing methods 1 to 5 or processing method 7, or in the case of material originating from aquatic animals, any of the processing methods 1 to 7, as set out in Chapter III of Annex IV;
 - (c) Category 3 material that has undergone pasteurisation/hygienisation in another approved plant;
 - (d) animal by-products which may be used as raw material without processing in accordance with Article 13(e)(ii) of Regulation (EC) No 1069/2009 and with this Regulation;
 - (e) animal by-products which have been subject to the alkaline hydrolysis process set out in point A of Section 2 of Chapter IV of Annex IV;
 - (f) the following animal by-products, if authorised by the competent authority:
 - (i) the animal by-products referred to in Article 10(f) of Regulation (EC) No 1069/2009, which have undergone processing as defined in Article 2(1)(m) of Regulation (EC) No 852/2004 at the time when they are destined for purposes other than human consumption;
 - (ii) the animal by-products referred to in Article 10(g) of Regulation (EC) No 1069/2009; or

- (iii) animal by-products which are transformed into biogas, where the digestion residues are subsequently composted or processed or disposed of in accordance with this Regulation.
3. If the biogas plant is located on or next to premises where farmed animals are kept and the biogas plant does not only use manure, milk or colostrum which accrues from those animals, the plant shall be located at a distance from the area where such animals are kept.

That distance shall be determined in a manner which ensures that there is no unacceptable risk for the transmission of a disease communicable to humans or animals from the biogas plant.

In all cases, there must be total physical separation between that biogas plant and the animals and their feed and bedding, with fencing where necessary.

4. Each biogas plant must have its own laboratory or make use of an external laboratory. The laboratory must be equipped to carry out necessary analyses and be approved by the competent authority, be accredited according to internationally recognised standards or be subject to regular controls by the competent authority.

Section 2

Composting plants

1. A composting plant must be equipped with a closed composting reactor or closed area, which cannot be by-passed for the animal by-products or derived products introduced into the plant, and it must be equipped with the following:
- (a) installations for monitoring temperature against time;
 - (b) recording devices to record, where appropriate continuously, the results of the monitoring measurements referred to in point (a);
 - (c) an adequate safety system to prevent insufficient heating.
2. By way of derogation from point 1, other types of composting systems may be allowed provided they:
- (a) are managed in such a way that all the material in the system achieves the required time and temperature parameters, including, where appropriate, continuous monitoring of the parameters; or
 - (b) transform only materials referred to in point 2 of Section 1; and
 - (c) comply with all other relevant requirements of this Regulation.
3. If the composting plant is located on or next to premises where farmed animals are kept and the composting plant does not only use manure, milk or colostrum which accrues from those animals, the composting plant shall be located at a distance from the area where animals are kept.

That distance shall be determined in a manner which ensures that there is no unacceptable risk for the transmission of a disease communicable to humans or animals from the composting plant.

In all cases, there must be total physical separation between that composting plant and the animals and their feed and bedding, with fencing where necessary.

Status: This is the original version (as it was originally adopted).

4. Each composting plant must have its own laboratory or make use of an external laboratory. The laboratory must be equipped to carry out necessary analyses and be approved by the competent authority, be accredited according to internationally recognised standards or be subject to regular controls by the competent authority.