



# Regulation 1099/2009 on the protection of animals at the time of killing Amending Annex I

*EFSA guidance on assessment criteria for stunning  
interventions  
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# Regulation 1099/2009

- Article 2 (f) defines stunning as:  
**"Any intentionally induced process which causes loss of consciousness and sensibility without pain, including any process resulting in instantaneous death."**
- Article 4 (1) states that:
  - **stunning is compulsory**
  - **stunning = complying with Annex I**
  - **Loss of consciousness shall be maintained until death**
  - **"simple stunning" must be completed by a killing procedure (bleeding, pithing, electrocution, etc.)**

# Regulation 1099/2009 – Annex I

- Lists authorised stunning methods and their related specifications
  - Name:** "penetrative captive bolt"
  - Description:** " severe and irreversible damage of the brain....  
Simple stunning.
  - Conditions of use:** "All species" "Slaughter, depopulation  
and other situations"
  - Key parameters:** "maximum stick to stun interval"
  - Reference to Chapter II:** not applicable
- Chapter II includes possible additional technical requirements

# Amending Annex I

- Article 4 (2) defines the conditions for amending Annex I:

*Annex I may be amended to take account of scientific and technical progress **on the basis of an opinion of EFSA** and in accordance with the procedure referred to in Article 25(2).*

*Any such amendments shall ensure a level of animal welfare **at least equivalent to that ensured by the existing methods.***

# Amending Annex I

- Never been experienced till now.
- Recital 20 refers to

*"Measuring the lack of consciousness and sensibility of an animal is complex and needs to be performed under scientifically approved methodology "*

- EFSA is mandated for assessing this aspect on the basis of the criteria of Article 4 (2)

# Amending in practice 1

- The Commission needs on a proposed new stunning method/parameters the following assesment from EFSA:
  - To which extent the information on the loss of consciousness and sensibility has been obtained under a scientifically approved methodology?
  - To which extent the proposed changes can ensure a level of animal welfare at least equivalent to that ensured by the existing methods?
  - Which requirements should be possibly attached to the proposed method/parameters with regards to the various aspects laid down in Annex I (definition, scope, key parameters, etc.)

## Amending in practice 2

- Discussion around the procedural steps:
  - The **EFSA assesses the risks** in terms of animal welfare (see previous slide)?
  - The **Commission decides** the level of acceptable risks in the light of various factors:
    - Le level of risk of existing methods/parameters;
    - Technical feasibility of proposed methods/parameters;
    - Economic feasibility of proposed methods/parameters;
    - Social acceptance of proposed methods/parameters.



European  
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# Thank you for your attention!



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