

Column E Explanation

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

1. Registration Number: 74-F-0001.
2. Number of animals used in this study. 35
3. Species (common name) of animals used in the study. Pigs
4. Explain the procedure producing pain and/or distress.

Swine will be exposed to an electromuscular incapacitation device to determine the minimum electrical energy required to achieve an incapacitation effect.

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below)

The end point of a behavioral response (determination of incapacitation) requires the animal to be awake and alert. The confounding effect of analgesics (especially NSAIDs) on inflammatory and cardiac responses require that no analgesia be given directly before stimulus is applied. If analgesia is deemed necessary, it will be administered immediately after exposure and blood draw.

6. What, if any, federal regulations require this procedure? Cite the agency, the Code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102):

None.