

COMMON MISTAKES SEEN In FIREWORK APPLICATIONS

(NOT ALL INCLUSIVE)

The following is a list of common mistakes seen in firework applications submitted to the U.S. Department of Transportation, Office of Special Permits and Approvals.

- A chemical name was not provided.
- The chemical sheet contains an unknown composition(s).
- The chemical sheet contains an unapproved chemical.
- The chemical composition is inconsistent with an effect described.
- The application and the chemical sheet are inconsistent in the gram weight.
- Columns on the chemical sheet did not total 100%.
- A chemical composition was not provided for a listed effect.
- The device contains potassium chlorate, which is not authorized except as specified in APA 87-1 Table 3.7-1.
- The device contains potassium chlorate without an equal or greater amount of sodium bicarbonate.
- Improper use of restricted chemicals.
- The reloadable shell kit contains more than the 60 grams per shell or exceeds 12 aerial shells per kit.
- The reloadable shell kit does not indicate a launching tube and must indicate a ratio not to exceed 12 shells to 1 tube and limited to 400 grams of pyrotechnic composition.
- The fusing is not sequential.
- The diagram was inconsistent with the device description.
- The report composition exceeds the acceptable limits.
- The metal particle size was not provided.
- The percent of nitrogen in the nitrocellulose was not provided.
- The quantity of nitrocellulose exceeded 15 grams.
- The device can not be approved under the APA 87-1 Standard.
- The required information was not provided in your application. (document(s) missing)
- The application was not signed and certified.
- The chemical sheet did not state the Titanium particle size (mesh size).
- The thermal stability test was not provided or missing required information.
- The tube separation was not provided for a multiple tube device over 200 grams.
- The applicant did not provide the designated U.S. agent of service information in accordance 49 CFR 105.40.
- The application was dated prior to the thermal stability test.