



U.S. Department
of Transportation

East Building, PHH - 32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

**Pipeline and Hazardous
Materials Safety Administration**

Lighter Inspection Checklist
(Examination and testing of lighter design types)

Section A: Facility Information

Facility Name: _____

Street Address: _____

City, State and Zip Code: _____

Telephone: _____ Fax: _____

Responsible Person Contacted: _____

Title: _____

Section B: General Information

1. Years engaged in the examination and testing of lighters?

2. Organization is doing business as:

Proprietorship:___Partnership:___Corporation:___Other:___

Section C: Documentation/ Regulations

1. Is a copy of Title 49, Code of Federal Regulations or
reprint on file? Y_____ N_____ Issue Date:_____

2. Are supervisory and testing personnel familiar with the
section applicable to the examination and testing of
lighters?(IAW §173.308) Y_____ N _____

Section D: Examination and testing of sample lighters

1. Are external visual examinations made on each lighter before testing? (IAW §173.308(a)) Y:_____ N _____

2. Are examination and testing personnel familiar with lighter inspection requirements? (IAW §173.308(a)) Y__ N __

3. Are lighters ever sent out for examination and testing?

If yes, to whom are they sent? (Specify reasons :)

Lighters sent to:_____

4. Are a minimum of six lighter design types examined and tested at one time? Y_____ N _____

5. Are lighters stored for 24 hours (minimum) in a laboratory desiccator prior to weighting? Y_____ N _____

6. After drying, is each lighter weighed (initial weight) on an analytical balance capable of accurately measuring to within ^{1/10} of a milligram (0.0001 grams)? Y__ N ____

7. After weighing are lighters placed together in an explosion-proof, controlled-temperature laboratory oven capable of maintaining 38.7 ±1°C (100 ± 3°F) for 96 continuous hours (4 days)? Y_____ N _____

8. At the end of the 96 continuous hours (4 days) are all lighters removed from the oven and placed in the same laboratory desiccator to cool to ambient temperature before weighting? Y_____ N _____

9. After cooling, are lighter reweighed (final weight) to determine the net weight differences for each lighter tested (subtract the mass after oven exposure from the original mass before oven exposure)? Y _____ N _____

10 If the net weight loss for any one of the six lighters exceeds 20 milligrams (0.020 grams), is the lighter design rejected? Y_____ N _____

Section E Test Equipment

1. Secador Desiccator: Y:_____ N _____
2. Desiccating Canister: Y_____ N _____
3. Temperature/Humidity Chamber: Y_____ N _____
4. Humidity and Temperature Data Logger: Y_____ N _____
5. Analytical Balance: Y_____ N _____
6. Explosive-proof controlled-temperature laboratory oven:
Y____ N _____
7. Other Test Equipment: _____

Section F Recordkeeping Requirements

Following the examination of each new lighter design, the person or agency that conducted the examination and test must prepare a test report and make that test report available to the manufacturer. At a minimum, the test report must contain the following information:

1. Name and address of test facility.
2. Name and address of applicant.
3. A test report identifier, the authorized person or agency identifier code immediately followed by an alpha/numeric identifier of four or more characters assigned to the specific lighter design by the authorized person or agency (e.g., "LAA****," where, "LAA" is the identification code assigned to the authorized person or agency by the Associate Administrator and "****" is replaced with the unique test report identifier assigned to the specific lighter design by the authorized person or agency).
4. Manufacturer of the lighter. (For a foreign manufacturer, the U.S. agent or importer must be identified).

5. Description of the lighter design type (e.g., model, dimensions, ignition mechanism, reservoir capacity, lot/batch number in sufficient detail).
6. A certification by the authorized testing agency that the lighter design conforms to § 173.308 of the HMR.
7. For as long as any lighter design is in production and for at least three years thereafter, a copy of each lighter's test report must be maintained by the authorized testing agency that performed the examination and testing and the manufacturer of the design.
8. For a foreign manufacturer, each test report must be maintained in accordance with this paragraph by the foreign manufacturer's U.S. agent or importer.
9. Test reports must be traceable to a specific lighter design and must be made available to a representative of the Department upon request.

I hereby certify that the above statements are true to the best of my knowledge.

Person(s) Interviewed:

Name: _____ Date: _____

Name: _____ Date: _____

Inspector(s):

Name: _____ Date: _____

Name: _____ Date: _____

Note: A copy of this information may be forwarded to Regional Enforcement office(s) for review and appropriate action in the event violations of 49 CFR were identified during this observation