



EXPLOSIVES BUREAU
(FORMERLY BUREAU OF EXPLOSIVES LAB./
ASSOCIATION OF AMERICAN RAILROADS)

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File No. 16-232
Lab. No. B100014
Date 10/16/2018

REPORT OF EXAMINATION OF LIGHTER AND PACKAGING

SUBMITTED BY

Leiga Import Inc.
Irvine, CA

LIGHTER IDENTIFICATION

ZL-3 Lighter (20 Lighters per Inner Box – 240 Lighters per Outer Box)

LIGHTER DESCRIPTION

The lighter is made of plastic, rounded rectangular in shape (2 11/16" x 1 5/8" x 11/16") with a flip-top & push-type gas control lever contained inside the lighter.

INNER & OUTER PACKAGINGS

Twenty lighters are packed vertically in 4 rows of 5 each in plastic counter display tray 7 1/4" x 6" x 2 13/16" with a plastic cover on top. Each counter display tray is inserted in a cardboard sleeve 7 7/16" x 6 3/16" x 2 15/16" to form an unit.

Four units for a total of 80 lighters are packed in 2 rows of 2 each per layer. Three layers for a total of 240 lighters are overpacked in a 4G corrugated fiberboard outer box 15.60" x 13.00" x 9.60", gross weight: 26.4 lbs.

LEAKAGE

Weight measurement shows that the rate of gas leakage from the lighter is about 3.5 mg/day at 100°F.

CONCLUSION

The lighter and packaging do meet and pass the specification test.

Thomas Chang

Thomas Chang

Lighter Certificate Numbers # LAA02-00497

Mr. Jeff Li
Leiga Import Inc.
19800 MacArthur Blvd., Suite 300
Irvine, CA 92162

Date: October 16, 2018

Dear Mr. Li:

Your lighter designs were examined & certified to be in compliance with the Code of Federal Regulations – Title 49 Sections 173.308 (a)(4) and 173.308 (b). The results of this examination are on file with the EXPLOSIVES BUREAU.

Certificate Number: # LAA02-00497 is hereby issued for the lighter identified below:

Lighter Identification: # ZL-3 Lighter (20 Lighters per Inner Box – 240 Lighters per Outer Box)

Lab Report: # B100014

Lighter Description: The lighter is made of plastic, rounded rectangular in shape (2 11/16" x 1 5/8" x 1 1/16") with a flip-top & push-type gas control lever contained inside the lighter.

The inner packaging & outer packaging complies with Section 173.308 (c)(1) & Section 173.308 (c)(2), respectively.

INNER & OUTER PACKAGINGS:

Twenty lighters are packed vertically in 4 rows of 5 each in plastic counter display tray 7 1/4" x 6" x 2 13/16" with a plastic cover on top. Each counter display tray is inserted in a cardboard sleeve 7 7/16" x 6 3/16" x 2 15/16" to form an unit

Four units for a total of 80 lighters are packed in 2 rows of 2 each per layer. Three layers for a total of 240 lighters are overpacked in a 4G corrugated fiberboard outer box 15.60" x 13.00" x 9.60", gross weight: 26.4 lbs.

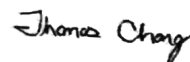
This certification is issued under the provisions Section 173.308 (a)(4) & Competent Authority CA2006120018 and does not provide relief from any requirements of the Hazardous Materials Regulations except as stated herein.

This certification is for the use of the holder, its authorized distributors & reshippers and shall remain valid until the posted expiration date or until terminated by the Associate Administrator for Hazardous Materials Safety. All conditions of this certification must be met to remain valid:

- 1) The manufacturer must certify that the lighter design complies with the general requirements in Section 173.308 (a)(1) - (a)(3).
- 2) A copy of each lighter test report & certification letter must be maintained for as long as the lighter design is in production and for three years thereafter.
- 3) For a foreign manufacturer, each lighter test report and certification letter must be maintained by the foreign manufacturer's U.S. agent for as long as the lighter design is in production and for three years thereafter.
- 4) All supporting documents & test reports must be made available to a representative of the United States Department of Transportation upon request.
- 5) The office of Special Permits and Approvals must be notified as soon as possible of any fire, explosion, container failures or other incidents that occur during the transportation. The office can be notified at:

The Office of Special Permits & Approvals (PHH-32)
400 7th Street SW
Washington, D.C. 20590
E-mail: approvals@dot.gov
Phone: 202-366-4512

Certified by,



Thomas Chang
Chief Engineer