

NFPA No.

326

*File: 30 Series
Flammable Liquids*

Standard for

WARNING LABELS

for CONTAINERS of

FLAMMABLE LIQUIDS

With Flash Points Not in Excess of 150° F.

1951

(Reprint 1956)



Price: 25 cents*

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NATIONAL FIRE PROTECTION ASSOCIATION
International
60 Battery March St. Boston 10, Mass.

National Fire Protection Association

International

Executive Office: 60 Battery March St., Boston 10, Mass.

The National Fire Protection Association was organized in 1896 to promote the science and improve the methods of fire protection and prevention, to obtain and circulate information on these subjects and to secure the cooperation of its members in establishing proper safeguards against loss of life and property by fire. Its membership includes nearly two hundred national and regional societies and associations (list on outside back cover) and more than sixteen thousand individuals, corporations, and organizations. Anyone interested may become a member; membership information is available on request.

This pamphlet is one of a large number of publications on fire safety issued by the Association including periodicals, books, posters and other publications; a complete list is available without charge on request. All NFPA standards adopted by the Association are published in six volumes of the **National Fire Codes** which are re-issued annually and which are available on an annual subscription basis. The standards, prepared by the technical committees of the National Fire Protection Association and adopted in the annual meetings of the Association, are intended to prescribe reasonable measures for minimizing losses of life and property by fire. All interests concerned have opportunity through the Association to participate in the development of the standards and to secure impartial consideration of matters affecting them.

NFPA standards are purely advisory as far as the Association is concerned, but are widely used by law enforcing authorities in addition to their general use as guides to fire safety.

Definitions

The official NFPA definitions of shall, should and approved are:

SHALL is intended to indicate requirements.

SHOULD is intended to indicate recommendations, or that which is advised but not required.

APPROVED refers to approval by the authority having jurisdiction.

Units of measurements used here are U. S. standard. 1 U. S. gallon = 0.83 Imperial gallons = 3.785 liters.

Approved Equipment

The National Fire Protection Association does not "approve" individual items of fire protection equipment, materials or services. The standards are prepared, as far as practicable, in terms of required performance, avoiding specifications of materials, devices or methods so phrased as to preclude obtaining the desired results by other means. The suitability of devices and materials for installation under these standards is indicated by the listings of nationally recognized testing laboratories, whose findings are customarily used as a guide to approval by agencies applying these standards. Underwriters' Laboratories, Inc., Underwriters' Laboratories of Canada and the Factory Mutual Laboratories test devices and materials for use in accordance with the appropriate standards, and publish lists which are available on request.

WARNING LABELS FOR CONTAINERS OF FLAMMABLE LIQUIDS

With Flash Points Not in Excess of 150° F.

NFPA No. 326 — 1951

One of the most vexatious problems of fire officials has been the education of the public on the hazards in the handling and use of flammable liquids. This situation was uppermost in the minds of Fire Marshals who were members of the NFPA Fire Marshals' Section for several years and, in 1946, they requested the NFPA Committee on Flammable Liquids to establish a uniform method of providing Warning Labels for such materials.

The Committee established a special Conference Subcommittee for this purpose and their tentative recommendations were presented to the Association at its 1948 Annual Meeting. Tentative adoption was secured and the recommendations circulated during the next year. As a result of comments and criticisms received, the 1949 Annual Meeting voted to continue the standard in its tentative form.

In 1950, a revised standard was submitted but again it was felt desirable to provide one more year for further debate on the labels suggested, particularly so that the labeling recommendations of the Manufacturing Chemists Association, developed in the interim, could be more closely reconciled.

Final adoption of these Standards was secured at the 1951 Annual Meeting of the Association and it is felt that these current recommendations are now uniformly acceptable to all concerned. Their purpose is to warn users of the fire hazards of flammable liquids having flash points not in excess of 150° F. and wide industry utilization of these uniform labels is anticipated.

COMMITTEE ON FLAMMABLE LIQUIDS*(As of date of last action on this text)*

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National Board of Fire Underwriters, 85 John Street, New York 38.

MILES E. WOODWORTH, *Secretary*,†
National Fire Protection Association,
60 Battery March St., Boston 10, Mass.

- WARREN J. BAKER, Conference Special Risk Underwriters.
- C. V. BATLEY,* Bethlehem Steel Company.
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- D. H. BOTTRILL, Oil-Heat Institute of America.
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- GEORGE W. CLOUGH, NFPA Fire Marshals' Section.
- M. F. CRASS, JR., Manufacturing Chemists' Association.
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- H. P. DIXEY, Louisiana Rating & Fire Prevention Bureau.
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- HAROLD J. DUNN, Oil Heating Association.
- D. M. DYMOND, Approvals Laboratory, Div. Canadian Stds. Association.
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- D. F. JONES, Institute of Cooking & Heating Appliance Manufacturers.
- A. J. KRAEMER, U. S. Bureau of Mines.
- W. S. MARSH, Factory Mutual Engineering Division.
- W. G. MCKENNA, Bureau of Explosives, Association of American Railroads.
- F. R. MCLEAN, American Petroleum Institute.
- HAROLD L. MINER,* Consultant.
- C. D. NORRIS, American Petroleum Institute.
- W. ROBERT POWERS, Furriers' Customers Reinsurance Syndicate.
- GEORGE F. PRUSSING,* Consulting Engineer.
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- ARNOLD C. RENNER, NFPA Fire Marshals' Section.
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- CLARENCE R. WOODWARD, New England Fire Ins. Rating Association.
- J. MILTON WRIGHT, Associated Reciprocal Exchanges.
- T. H. WRIGHT, Ohio Inspection Bureau.

*Serving in a personal capacity.

†Not a voting member.

Recommended Standard for
WARNING LABELS FOR CONTAINERS OF
FLAMMABLE LIQUIDS
With Flash Points Not in Excess of 150° F.
(NFPA No. 326)

1. Scope

All flammable liquids, flammable liquid compounds or flammable liquid mixtures, offered for sale at retail in containers, except as indicated in paragraph 2 below, shall be conspicuously marked or labeled in easily legible type, which is in contrast by typography, layout or color with any other printed matter on the label, as required by the flash point* classifications indicated below. The warning herein required may be incorporated with similar warnings of other hazards inherent in the product or may be printed on a separate label.

2. Exceptions

Nothing herein contained shall apply, however, to beverages, articles of food or drugs. Such markings are also not required when the container bears labels as to hazard in accordance with the requirements of the Interstate Commerce Commission.

3. For Flammable Liquids Having a Flash Point of 20° F. or Below:

DANGER!

EXTREMELY FLAMMABLE

**Keep Away from Heat, Sparks and
Open Flame**

Keep Closed When Not in Use

* Open Cup Method as prescribed by I.C.C. regulations.

4. For Flammable Liquids Having a Flash Point
Above 20° F. to 80° F. Inclusive:

WARNING!
FLAMMABLE

**Keep Away from Heat, Sparks and
Open Flame**

Keep Closed When Not in Use

5. For Flammable Liquids Having a Flash Point
Above 80° F. to 150° F. Inclusive:

CAUTION!
COMBUSTIBLE

**Keep Away from Heat and
Open Flame**

Keep Closed When Not in Use

POCKET EDITIONS OF NFPA STANDARDS

Standards published in 4 3/4 x 7 1/4 in. size, revised as of August 1, 1955. For complete list of publications write National Fire Protection Assn., 60 Batterymarch St., Boston 10, Mass.

0 Series: Administration

1-L Fire Prevention Bureau Ordinance, 1925	\$.25
3 Fire Casualty Definition, 1953	. . . . .25
6M Fire Safety in Industry, '55	. . . . .35

10 Series: Extinguishing Appliances

10 First Aid Fire Appliances, 1955	. . . . .50
11 Foam Extinguishing Systems, 1954	. . . . .50
12 Carbon Dioxide Ext. Systems, 1949	. . . . .50
12A Inert Gas for Fire Prevention, 1941	. . . . .25
13 Sprinkler Systems, 1955	. . . . .1.00
13A Sprinkler Maintenance, 1953	. . . . .25
14 Standpipe and Hose Systems, 1952	. . . . .25
15 Water Spray Systems, 1955	. . . . .30
15 Wetting Agents, 1955	. . . . .30
182M Vaporizing Liquid Extinguishing, '55	. . . . .25
19 Motor Fire Apparatus Specifications, 1955	. . . . .50
191 Portable Pumping Units, 1954	. . . . .25
192 Volunteer Fire Departments, 1952	. . . . .50
193 Aerial Ladder Testing, 195535
194 Hose Coupling Screw Threads, '5525
198 Fire Hose, Care of, 193625

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23 Fire Dept. Sprinkler Connections, 193125
24 Outside Protection, 195535
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28C Hydrants for Private Service, 195525

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30E Self-Service Gasoline Stations, 195005
31 Oil Burning Equipments, 195550
31LA Oil Burning Ordinance, 1927	. . . . .25
32 Dry Cleaning Plants, 1954	. . . . .35
323 Properties Flammable Liquids, 1954	. . . . .75
325A Flammable Liquid Trade Name Index, '54	. . . . .1.25
326 Warning Labels Flammable Liquids, 1951	. . . . .10
33 Spray Finishing, 1955	. . . . .25
34 Dip Tanks, Flammable Liquids, 1952	. . . . .25
385 Tank Vehicles, 1955	. . . . .35
392 Gasoline Stoves, 1930	. . . . .15
393 Gasoline Blow Torches, 193415
395 Farm Storage of Flam. Liquids, 194715

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40 Cellulose Nitrate Motion Picture Film, '5350
42 Pyroxylin Plastic in Factories, 193635
44 Combustible Fibres, 1953	. . . . .25
47 Retail Lumber Storage, 1951	. . . . .25
48 Magnesium Handling Storage, 1954	. . . . .25
49 Table of Hazardous Chemicals, 1950	. . . . .25
492 Spontaneous Heating, Table, 194925
494-L Model State Fireworks Law, 194925

50 Series: Gases

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52 LPG Piping, Appliances in Bldgs., 195335
54,54A Gas Piping Appliances in Bldgs., '5450
56 Hospital Operating Rooms, 1954	. . . . .25
565 Nonflammable Medical Gases, 1951	. . . . .25
58 Liquefied Petroleum Gases, 1955	. . . . .35
59 LP Gas in Utility Gas Plants, 1954	. . . . .35

60 Series: Explosive Dusts

60 Pulverized Fuel Systems (old) 1946	. . . . .50
60A Pulverized Coal Systems (new) 1946	. . . . .35
61A Starch Factories, 1944	. . . . .25
61B Terminal Grain Elevators, 1954	. . . . .35
61C Flour and Feed Mills, 1954	. . . . .35
62 Sugar and Cocoa, 1952	. . . . .25
63 Dust Explosions in Industrial Plants, '48	. . . . .25
64 Country Grain Elevators, 1954	. . . . .25
651 Aluminum Bronze Powder, 1952	. . . . .25
652 Magnesium Powder or Dust, 1952	. . . . .25
653 Coal Pneumatic Cleaning Plants, 1952	. . . . .25
654 Plastics Industry, 1946	. . . . .35
655 Sulphur Dust, 1950	. . . . .25
656 Spice Grinding Plants, 1952	. . . . .25

657 Confectionery Manufacturing Plants, '52	\$.25
661 Suction-Venting in Grain Elevators, '42	. . . . .25
662 Wood Flour Manufacturing, 194625
663 Woodworking Plants, 195225
68 Explosion Venting, 195475

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70 National Electrical Code, 19531.00
71 Central Station Signaling Systems, 195535
72 Proprietary Signaling Systems, 1955	. . . . .35
73 Municipal Alarm Systems, 1955	. . . . .35
74 Alarm Systems for Dwellings, 195010
77 Static Electricity, 195050
78 Lightning Code, 195250

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81 Fur Storage, Cleaning, Fumigating, 195335
82, 82A Incinerators, Rubbish Handling, '5535
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86 Ovens and Furnaces, Class A, 195075
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101C Interior Finish, 195525
102 Places Outdoor Assembly, 194925
103 Hotel Fire Safety Law, '4850

200 Series: Building Construction

213 Spark Arresters, 1936	. . . . .25
220 Std. Types of Building Construction, '55	. . . . .25
223 Fire Protective Constr. on the Farm, '53	. . . . .35
224 Homes, Camps in Forested Areas, 1953	. . . . .35
231 General Storage Standards, 194625
241 Bldg. Construction Operations, '3325
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253 Fire Tube Apparatus, Treated Wood, '5535
254 Crib Test, Treated Wood, 195535
255 Hazard Test Bldg. Materials, 195525

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312 Vessels, Construction and Repair, 195115

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403 Aircraft Rescue Equipment, 195550
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407 Fueling Aircraft, 195550
408 Aircraft Hand Extinguishers, 195525
409 Aircraft Hangars, 195450

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505 Industrial Trucks, 195525
512 Truck Fire Protection, 195525

600 Series: Operating Methods

601 The Watchman, 1951	. . . . .25
604 Salvaging Operations, 1954	. . . . .50

700: Classification, Treatment Materials

701 Flameproofed Textiles, 195135
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800 Series: Radioactive Materials

801 Radioactive Material, Labs., 195550
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