



RICK SNYDER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS  
BUREAU OF FIRE SERVICES  
RICHARD W. MILLER  
STATE FIRE MARSHAL

STEVE ARWOOD  
DIRECTOR

## Fireworks Plan Submittal Guideline

Your Fireworks Application requires you to submit a site plan and a detailed floor plan for review. It is important to provide accurate and detailed information on these plans in order to complete the plan review process and approve your certificate. Below is a guideline to help you make sure you have everything that is required on your site plan and floor plan.

The Fireworks Safety Act of Michigan adopts Chapter 7 of NFPA 1124, 2006 edition. Please become familiar with the requirements set forth in the code document and the Fireworks Fire Safety Rules. See below for directions to view NFPA 1124 on-line.

### BUILDING FLOOR PLAN

- \* The drawing needs to be legible, drawn to a proper scale and your notes listed in an organized manner
- \* Indicate how much consumer grade fireworks product (in pounds) you will have in your retail sales area (typically Over 500 lbs or Under 500 lbs) – you do not have to count the amount in storage rooms – refer to Section 7.3.1 of NFPA 1124 - **If you are under the exempt amount please indicate that on your plan**
- \* Dimensions – Provide dimensions on your drawing
- \* Provide the square footage of the building
- \* Draw the layout of the sales area - show the width of aisles & location of shelves\ tables - show dimensions
- \* Provide room names for every room – storage rooms, toilets, offices, mechanical etc.
- \* Number of Exits – Provide proper number of exits – 3 remote exits are required
- \* Door Sizes – provide the width of each exit door
- \* Exit Signs – show their location on the plan
- \* Emergency Lighting is required in all buildings – show the location of the emergency lights
- \* Ceiling Height – provide the dimension showing the ceiling height of your building
- \* Flame Breaks – indicate what type of material you are using and show their locations
- \* Travel distance – show travel distance which is measured by walking along the aisles to the nearest exit
- \* Storage room separation – provide a construction detail – for example 5\8" drywall with a metal stud and another layer of 5\8" drywall – indicate that it continues to the roof above
- \* Multiple Tenant Building - provide a construction detail of the 2-hour fire separation
- \* Fire Extinguishers – indicate what type and show there location
- \* Quantity Limitations – provide percentage of floor area used for retail display
- \* Distance from Exits – product maybe too close to entrance and exits – provide dimensions
- \* Signage – provide notes or show where your required signs for no smoking and no fireworks discharge will be located
- \* Provide the height of your display shelves

### TEMPORARY STRUCTURES (Tents and Stands)

- \* The drawing needs to be legible, drawn in a professional manner and your notes listed in an organized manner
- \* Indicate how much consumer grade fireworks product (in pounds) you will have in your temporary structure – (Over 500 lbs or Under 500 lbs) refer to Section 7.3.1 of NFPA 1124 – **If you are under the exempt amount please indicate that on your plan**
- \* Dimensions – Provide dimensions of your tent or stand
- \* Provide the square footage of the building
- \* Draw the layout of the sales area - show the width of aisles & location of shelves\ tables - provide dimensions
- \* Number of Exits – Provide proper number of exits – 3 remote exits are required
- \* Door Sizes\ Tent Openings – provide the width of each door\opening
- \* Exit Signs – show their location on the plan

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- \* Emergency Lighting – tents\stands require them if open past dusk – indicate whether or not you will be open past dusk and show the location of the emergency lights if required
- \* Flame Breaks – indicate what type of material you are using and show their locations
- \* Travel distance – show travel distance
- \* Fire Extinguishers – indicate what type and show their location
- \* Quantity Limitations – provide percentage of floor area used for retail display
- \* Signage – provide notes or show where your required signs for no smoking and no fireworks discharge will be located
- \* Tents are required to be flame resistant per NFPA 102
- \* Provide the height of your display shelves

### **SITE PLAN for BUILDINGS**

- \* The Site Plan is required to clearly show where your facility will be located
- \* Distances – Provide a list of rough distances to the items stated in the Fire Safety Rules such as gas station, propane station, flammable gas bulk dispenser, etc. As an example you can say ‘nearest gas station over 50’ away’ or ‘no flammable gas bulk dispenser within 300 feet’.
- \* Minimum Separation Distances – permanent buildings require minimum separation from other buildings, show dimensions
- \* The plan needs to show the required fire department vehicle access

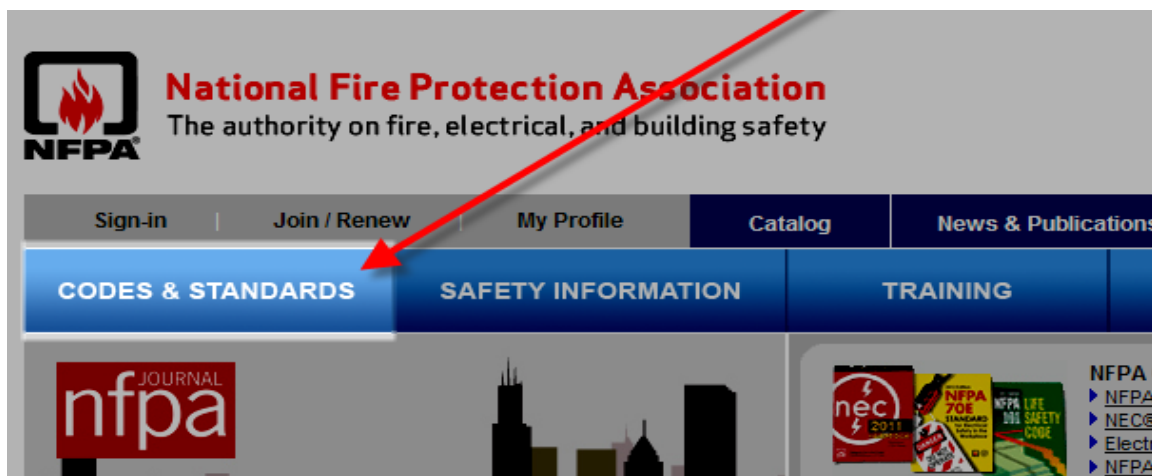
### **SITE PLAN for TEMPORARY STRUCTURES**

- \* The Site Plan is required to clearly show where your facility will be located
- \* Distances – Provide a list of rough distances to the items stated in the Fire Safety Rules such as gas station, propane station, flammable gas bulk dispenser, etc. As an example you can say ‘nearest gas station over 50’ away’ or ‘no flammable gas bulk dispenser within 300 feet’.
- \* Minimum Separation Distances – temporary structures require minimum separation from parking, combustibles, storage and other buildings, show dimensions
- \* The plan needs to show the required fire department vehicle access

For more information about Plan Submittal contact - Brian Williams, Plan Review Division Supervisor  
ph 517 241 9371 or email at [williamsb@michigan.gov](mailto:williamsb@michigan.gov)

To access NFPA 1124 2006 Edition on-line:

Go to: [www.NFPA.org](http://www.NFPA.org) Then click on the “Codes & Standards” link.



Click on “See the full list of NFPA codes and standards.”

## CODES & STANDARDS



NFPA develops, publishes, and disseminates more than 300 consensus codes and standards to minimize the possibility and effects of fire and other risks. Virtually every building, process, and installation in society today is affected by NFPA documents.

### Latest news

- [See the full list of NFPA codes and standards.](#)
- [NFPA documents now accepting public input. Due May 31, 2013.](#)
- [Motions Committee report addresses three Fall 2012 documents up for consideration.](#)

Scroll down to NFPA 1124 and click on the [NFPA 1124](#):

You will now hit the drop down arrow and choose 2006 and the page will automatically refresh.

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Document information	Next edition	Technical Committee	Technical Questions	Products & Training
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Edition to display: 2013 ▼

What is NFPA 1124?

Click on the “[View 2006 edition online](#)”

Document information	Next edition	Technical Committee	Technical Questions	Products & Training
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Edition to display: 2006 ▼

**Archived revision information**  
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**Tentative Interim Amendment (TIA)**  
[TIA 06-1](#) (issued: 8/9/2012) (PDF, 21.4 KB)

**Errata**  
[Errata 1124-06-1](#) (issued: 5/5/2011) (PDF, 18.5 KB)

**View the document online (read only)**  
[View the 2006 Spanish edition online](#)  
[View 2006 edition online](#)

**Additional Information**  
[Final Decision: NFPA Standards Council contemplates changes to fireworks standard](#)

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Click on the link to open and read:

## REVIEW NFPA 1124: CODE FOR THE MANUFACTURING, TRANSPORTATION, STORAGE AND RETAIL SALES OF FIREWORKS AND PYROTECHNIC ARTICLES ONLINE

Important NFPA safety information available on demand

[Open NFPA 1124: Code for the Manufacturing, Transportation, Storage and Retail Sales of Fireworks and Pyrotechnic Articles.](#)

The reader will open to this page and you should then click on the “TOC” (Table of Contents) Button on the lower left portion of the screen.

The screenshot shows the NFPA 1124 online document viewer. The title is "NFPA 1124 Code for the Manufacture, Transportation, Storage, and Retail Sales of Fireworks and Pyrotechnic Articles 2006 Edition". A red arrow points from the "TOC" button in the bottom left corner of the viewer to the next screenshot.

You can then see the table of contents and you should then click on Chapter 7. You will then be able to read all the information within NFPA 1124 Chapter 7.

The screenshot shows the table of contents for NFPA 1124. The title is "NFPA 1124 - Code for the Manufacture, Transportation, Storage, and Retail Sales of Fireworks and Pyrotechnic Articles". The table of contents lists the following chapters: Chapter 1 Administration, Chapter 2 Referenced Publications, Chapter 3 Definitions, Chapter 4 Manufacturing Operations, Chapter 5 Storage of Display Fireworks, Pyrotechnic Articles, Salute Powder, Pyrotechnic and Chapter 6 Storage of Consumer Fireworks, Chapter 7 Retail Sales of Consumer Fireworks, and Chapter 8 Transportation on Public Highways of Fireworks, Pyrotechnic Articles, and Ammunition. A blue arrow points from the "Chapter 7 Retail Sales of Consumer Fireworks" entry to the next screenshot.