



Saint Paul Fire Department  
645 Randolph Avenue  
Saint Paul, MN 55102  
(651) 224-7811

## NFIRS-1 Basic

A

|       |       |       |     |      |                    |                  |          |
|-------|-------|-------|-----|------|--------------------|------------------|----------|
| 62210 | MN    | 03    | 19  | 2024 | Station #8<br>(08) | SPFD240319013326 | 0        |
| FDID  | State | Month | Day | Year | Station            | Number           | Exposure |

B Location Type

Census tract:  
0325.00

- ☒ Street Address  
☐ Intersection  
☐ In Front Of  
☐ Rear Of  
☐ Adjacent To  
☐ Directions  
☐ US National Grid

|        |        |                   |             |        |
|--------|--------|-------------------|-------------|--------|
| 759    |        | CHARLES           | AVE-Avenue  |        |
| Number | Prefix | Street or Highway | Street Type | Suffix |

|                 |            |       |          |
|-----------------|------------|-------|----------|
| UPPER           | Saint Paul | MN    | 55104    |
| Apt./Suite/Room | City       | State | Zip Code |

Cross Street

C

### Incident Type

111-Building fire

D

### Aid Given Or Received

- ☐ 1 Mutual Aid Received  
☐ 2 Auto. Aid Received  
☐ 3 Mutual Aid Given  
☐ 4 Auto. Aid Given  
☐ 5 Other Aid Given  
☒ None

|                       |             |
|-----------------------|-------------|
|                       |             |
| Their FDID            | Their State |
|                       |             |
| Their Incident Number |             |

E1 Dates and Times

Alarm 03 19 2024 14:09

Arrival 03 19 2024 14:11

Controlled

Last Unit Cleared 03 19 2024 16:09

E2 Shifts and Alarms

|                        |        |          |
|------------------------|--------|----------|
| B                      | 1      | D2       |
| Shift<br>or<br>Platoon | Alarms | District |

E3 Special Studies

|     |       |
|-----|-------|
|     |       |
| ID# | Value |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |   |   |     |   |   |       |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |               |                          |           |              |                          |           |               |                          |           |              |                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---|---|-----|---|---|-------|---|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------|--------------------------|-----------|--------------|--------------------------|-----------|---------------|--------------------------|-----------|--------------|--------------------------|
| <b>F Actions Taken</b><br><br><div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">11-Extinguishment by fire service personnel</div> Primary Action Taken<br><br><div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">12-Salvage &amp; overhaul</div> Additional Action Taken<br><br><div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">84-Refer to proper authority</div> Additional Action Taken | <b>G1 Resources</b><br><input checked="" type="checkbox"/> Apparatus or Personnel Module is used.<br><br><div style="text-align: center;">Apparatus Personnel</div> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Suppression</td> <td style="width: 10%; border: 1px solid black; text-align: center;">0</td> <td style="width: 10%; border: 1px solid black; text-align: center;">0</td> </tr> <tr> <td>EMS</td> <td style="border: 1px solid black; text-align: center;">2</td> <td style="border: 1px solid black; text-align: center;">0</td> </tr> <tr> <td>Other</td> <td style="border: 1px solid black; text-align: center;">1</td> <td style="border: 1px solid black; text-align: center;">0</td> </tr> </table> <input type="checkbox"/> Resource counts include aid received resources. | Suppression              | 0 | 0 | EMS | 2 | 0 | Other | 1 | 0 | <b>G2 Estimated Dollar Losses and Values</b><br><br><b>Losses:</b> Required for all fires if known. Optional for all non-fires. None <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Property:</td> <td style="width: 20%; border: 1px solid black; text-align: right;">\$ 100,000.00</td> <td style="width: 20%; text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Contents:</td> <td style="border: 1px solid black; text-align: right;">\$ 10,000.00</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table> <b>Pre-Incident Values:</b> Optional None <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Property:</td> <td style="width: 20%; border: 1px solid black; text-align: right;">\$ 112,900.00</td> <td style="width: 20%; text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Contents:</td> <td style="border: 1px solid black; text-align: right;">\$ 10,000.00</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table> | Property: | \$ 100,000.00 | <input type="checkbox"/> | Contents: | \$ 10,000.00 | <input type="checkbox"/> | Property: | \$ 112,900.00 | <input type="checkbox"/> | Contents: | \$ 10,000.00 | <input type="checkbox"/> |
| Suppression                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0                        |   |   |     |   |   |       |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |               |                          |           |              |                          |           |               |                          |           |              |                          |
| EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0                        |   |   |     |   |   |       |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |               |                          |           |              |                          |           |               |                          |           |              |                          |
| Other                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0                        |   |   |     |   |   |       |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |               |                          |           |              |                          |           |               |                          |           |              |                          |
| Property:                                                                                                                                                                                                                                                                                                                                                                                                                                                     | \$ 100,000.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <input type="checkbox"/> |   |   |     |   |   |       |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |               |                          |           |              |                          |           |               |                          |           |              |                          |
| Contents:                                                                                                                                                                                                                                                                                                                                                                                                                                                     | \$ 10,000.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <input type="checkbox"/> |   |   |     |   |   |       |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |               |                          |           |              |                          |           |               |                          |           |              |                          |
| Property:                                                                                                                                                                                                                                                                                                                                                                                                                                                     | \$ 112,900.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <input type="checkbox"/> |   |   |     |   |   |       |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |               |                          |           |              |                          |           |               |                          |           |              |                          |
| Contents:                                                                                                                                                                                                                                                                                                                                                                                                                                                     | \$ 10,000.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <input type="checkbox"/> |   |   |     |   |   |       |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |               |                          |           |              |                          |           |               |                          |           |              |                          |

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| <b>Completed Modules</b><br><input type="checkbox"/> 2 - Fire<br><input type="checkbox"/> 3 - Structure Fire<br><input type="checkbox"/> 4 - Civilian Fire Cas.<br><input type="checkbox"/> 5 - Fire Service Cas.<br><input type="checkbox"/> 6 - EMS<br><input type="checkbox"/> 7 - HazMat<br><input type="checkbox"/> 8 - Wildland Fire<br><input type="checkbox"/> 9 - Apparatus<br><input type="checkbox"/> 10 - Personnel<br><input type="checkbox"/> 11 - Arson | <b>H1 Casualties</b> <input checked="" type="checkbox"/> None <table style="width: 100%; border-collapse: collapse;"> <tr> <td></td> <td style="width: 20%; text-align: center;">Deaths</td> <td style="width: 20%; text-align: center;">Injuries</td> </tr> <tr> <td>Fire Service</td> <td style="border: 1px solid black; text-align: center;">0</td> <td style="border: 1px solid black; text-align: center;">0</td> </tr> <tr> <td>Civilian</td> <td style="border: 1px solid black; text-align: center;">0</td> <td style="border: 1px solid black; text-align: center;">0</td> </tr> </table> |          | Deaths | Injuries | Fire Service | 0 | 0 | Civilian | 0 | 0 | <b>H3 Hazardous Materials Release</b><br><input type="checkbox"/> 1 - Natural Gas<br><input type="checkbox"/> 2 - Propane Gas<br><input type="checkbox"/> 3 - Gasoline<br><input type="checkbox"/> 4 - Kerosene<br><input type="checkbox"/> 5 - Diesel Fuel / Fuel Oil<br><input type="checkbox"/> 6 - Household Solvents<br><input type="checkbox"/> 7 - Motor Oil<br><input type="checkbox"/> 8 - Paint<br><input type="checkbox"/> 0 - Other<br><input checked="" type="checkbox"/> None | <b>I Mixed Use Property</b><br><input type="checkbox"/> Not Mixed<br><input type="checkbox"/> 10 - Assembly Use<br><input type="checkbox"/> 20 - Education Use<br><input type="checkbox"/> 33 - Medical Use<br><input type="checkbox"/> 40 - Residential Use<br><input type="checkbox"/> 51 - Row Of Stores<br><input type="checkbox"/> 53 - Enclosed Mall<br><input type="checkbox"/> 58 - Business and Residential<br><input type="checkbox"/> 59 - Office Use<br><input type="checkbox"/> 60 - Industrial Use<br><input type="checkbox"/> 63 - Military Use<br><input type="checkbox"/> 65 - Farm Use<br><input type="checkbox"/> 00 - Other Mixed Use |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Deaths                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Injuries |        |          |              |   |   |          |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Fire Service                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0        |        |          |              |   |   |          |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Civilian                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0        |        |          |              |   |   |          |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>H2 Detector</b><br>Required for Confined Fires<br><input type="checkbox"/> 1 - Detector Alerted Occupants<br><input type="checkbox"/> 2 - Detector Did Not Alert Them<br><input type="checkbox"/> 3 - Unknown                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |        |          |              |   |   |          |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>J Property Use</b> <input type="checkbox"/> None<br><b>Structures</b><br>131 <input type="checkbox"/> Church, Place of Worship<br>161 <input type="checkbox"/> Restaurant or Cafeteria<br>162 <input type="checkbox"/> Bar/Tavern or Nightclub<br>213 <input type="checkbox"/> Elementary School, Kindergarten<br>215 <input type="checkbox"/> High School, Junior High<br>241 <input type="checkbox"/> College, Adult Education<br>311 <input type="checkbox"/> Nursing Home<br>331 <input type="checkbox"/> Hospital | 341 <input type="checkbox"/> Clinic, Clinic-Type Infirmary<br>342 <input type="checkbox"/> Doctor/Dentist Office<br>361 <input type="checkbox"/> Prison or Jail, Not Juvenile<br>419 <input checked="" type="checkbox"/> 1- or 2-Family Dwelling<br>429 <input type="checkbox"/> MultiFamily Dwelling<br>439 <input type="checkbox"/> Rooming/Boarding House<br>449 <input type="checkbox"/> Commerical Hotel or Motel<br>459 <input type="checkbox"/> Residential, Board and Care<br>464 <input type="checkbox"/> Dormitory/Barracks<br>519 <input type="checkbox"/> Food and Beverage Sales | 539 <input type="checkbox"/> Household Goods, Sales, Repairs<br>571 <input type="checkbox"/> Gas or Service Station<br>579 <input type="checkbox"/> Motor Vehicle/Boat Sales/Repairs<br>599 <input type="checkbox"/> Business Office<br>615 <input type="checkbox"/> Electric-Generating Plant<br>629 <input type="checkbox"/> Laboratory/Science Laboratory<br>700 <input type="checkbox"/> Manufacturing Plant<br>819 <input type="checkbox"/> Livestock/Poultry Storage (Barn)<br>882 <input type="checkbox"/> Non-Residential Parking Garage<br>891 <input type="checkbox"/> Warehouse |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Outside</b><br>124 <input type="checkbox"/> Playground or Park<br>655 <input type="checkbox"/> Crops or Orchard<br>669 <input type="checkbox"/> Forest (Timberland)<br>807 <input type="checkbox"/> Outdoor Storage Area<br>919 <input type="checkbox"/> Dump or Sanitary Landfill<br>931 <input type="checkbox"/> Open Land or Field<br>936 <input type="checkbox"/> Vacant Lot | 938 <input type="checkbox"/> Graded/Cared for Plot of Land<br>946 <input type="checkbox"/> Lake, River, Stream<br>951 <input type="checkbox"/> Railroad Right-of-Way<br>960 <input type="checkbox"/> Other Street<br>961 <input type="checkbox"/> Highway/Divided Highway<br>962 <input type="checkbox"/> Residential Street/Driveway<br>981 <input type="checkbox"/> Construction Site<br>984 <input type="checkbox"/> Industrial Plant Yard | <b>Property Use:</b><br><div style="border: 1px solid black; height: 20px; width: 100%;"></div> <b>Description</b><br>Look up and enter a Property Use code and description only if you have NOT checked a Property Use box. |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

K2

**Owner**

Local Option

Person/Entity Type

Business Name (if applicable)

Phone Number

Mr., Ms., Mrs.

First Name

MI

Last Name

Suffix

Number

Prefix

Street or Highway

Street Type

Suffix

Post Office Box

Apt./Suite/Room

City

State

Zip Code

**L Remarks:**

The fire department responded to the report of a fire in the upstairs unit of a duplex. All residents evacuated prior to fire department arrival.

Engine 18 deployed 1 3/4-inch hose line for fire attack to the upstairs unit. Ladder 18 completed a primary search of the upstairs unit, reporting an all clear. Engine 5 deployed a 1 3/4-inch back up hose line. Engine 22 secured a water supply for Engine 18. Squad 1 completed a primary search of the basement and 1st floor reporting an all clear.

Squad 1 secured electric utilities. Squad 1 also reported an all clear for 3rd floor/attic regarding searches and fire extension. Engine 22 mechanically ventilated the structure.

Ladder 22 was the IRIT and secured the gas utility. District Chief 3 was assigned as Safety Officer. Captain Albert of Medic 4 was the FIT. Car 8-Deputy Chief Jenkins assisted incident command. Car20-Interim Fire Investigator Brown was the investigator for this incident.

Engine 18 quickly extinguished the fire with minimal water and overhauled the fire area. DSI condemned both units for occupancy and worked with the building owner. Red Cross was contacted for the residents of both units. Xcel Energy locked out the gas and pulled the electrical meters. Restoration Professionals boarded up and secured the structure.

**M Authorization**

|                         |                    |                  |            |            |
|-------------------------|--------------------|------------------|------------|------------|
| 1835                    | Baumeister, Arthur | DC               | C2         | 03/19/2024 |
| Officer In Charge ID    | Signature          | Position or Rank | Assignment | Date       |
| 1835                    | Baumeister, Arthur | DC               | C2         | 03/19/2024 |
| Member Making Report ID | Signature          | Position or Rank | Assignment | Date       |

# NFIRS-2 Fire

A

|       |       |       |     |      |                    |                  |          |
|-------|-------|-------|-----|------|--------------------|------------------|----------|
| 62210 | MN    | 03    | 19  | 2024 | Station #8<br>(08) | SPFD240319013326 | 0        |
| FDID  | State | Month | Day | Year | Station            | Number           | Exposure |

B

## Property Details

**B1**  ☐ Not Residential  
Estimated number of residential living units in the building of origin whether or not all units became involved

**B2**  ☐ Buildings Not Involved  
Number of buildings involved

**B3**  ☒ None ☐ Less than 1 acre  
Acres burned (outside fires)

C

|                                  |                                  |
|----------------------------------|----------------------------------|
| On-Site Materials<br>Or Products | On-Site Materials<br>Storage Use |
|----------------------------------|----------------------------------|

D

## Ignition

**D1**   
Area of Fire Origin

**D2**   
Heat Source

**D3**   
Item First Ignited

**D4**   
Type of Material First Ignited

E1

**Cause of Ignition**

☐ 1 - Intentional  
☒ 2 - Unintentional  
☐ 3 - Failure of Equipment or Heat Source  
☐ 4 - Act of Nature  
☐ 5 - Cause Under Investigation  
☐ U - Cause Undetermined After Investigation

E2

**Factors Contributing to Ignition**

Factor Contributing to Ignition

E3

**Human Factors Contributing to Ignition**

Check all applicable boxes

☒ None  
☐ 1 - Asleep  
☐ 2 - Possibly impaired by alcohol or drugs  
☐ 3 - Unattended person  
☐ 4 - Possibly Mentally Disabled  
☐ 5 - Physically Disabled  
☐ 6 - Multiple Persons Involved

☐ 7 - Age Was A Factor  
Estimated Age of Person Involved   
☐ Male ☐ Female

F1

## Equipment Involved In Ignition

☐  
  
Equipment Involved

Brand   
Model   
Serial #   
Year

F2

## Equipment Power Source

☐  
  
Equipment Power Source

F3

**Equipment Portability**

☒ 1 - Portable  
☐ 2 - Stationary  
Portable equipment normally can be moved by one or two persons.

G

## Fire Suppression Factors

Fire Suppression Factor

|                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>H1</div> <div>Mobile Property Involved</div> <div><div><input type="checkbox"/> 1 - Not involved in ignition, but burned</div><div><input type="checkbox"/> 2 - Involved in ignition, but did not burn</div><div><input type="checkbox"/> 3 - Involved in ignition and burned</div><div><input checked="" type="checkbox"/> None</div></div> | <div>H2</div> <div>Mobile Property Type and Make</div> <div><div><div></div></div>Mobile Property Type</div> <div><div></div></div> Mobile Property Make |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|

# NFIRS-3 Structure Fire

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>I1</b><br><b>Structure Type</b><br><input checked="" type="checkbox"/> 1 - Enclosed Building<br><input type="checkbox"/> 2 - Portable/Mobile Structure<br><input type="checkbox"/> 3 - Open Structure<br><input type="checkbox"/> 4 - Air-Supported Structure<br><input type="checkbox"/> 5 - Tent<br><input type="checkbox"/> 6 - Open Platform<br><input type="checkbox"/> 7 - Underground Structure<br><input type="checkbox"/> 8 - Connective Structure<br><input type="checkbox"/> 0 - Other | <b>I2</b><br><b>Building Status</b><br><input type="checkbox"/> 1 - Under Construction<br><input checked="" type="checkbox"/> 2 - In Normal Use<br><input type="checkbox"/> 3 - Idle, Not Routinely Used<br><input type="checkbox"/> 4 - Under Major Renovation<br><input type="checkbox"/> 5 - Vacant and Secured<br><input type="checkbox"/> 6 - Vacant and Unsecured<br><input type="checkbox"/> 7 - Being Demolished<br><input type="checkbox"/> 0 - Other<br><input type="checkbox"/> U - Undetermined | <b>I3</b><br><b>Building Height</b><br><div style="border: 1px solid black; width: 20px; text-align: center; margin: 0 auto;">2</div> Number of Stories At/Above Grade<br><div style="border: 1px solid black; width: 20px; text-align: center; margin: 0 auto;">1</div> Number of Stories Below Grade | <b>I4</b><br><b>Main Floor Size</b><br><div style="border: 1px solid black; width: 60px; text-align: center; margin: 0 auto;">840</div> Total Square Feet<br><b>OR</b><br><div style="display: flex; justify-content: space-around; align-items: center; margin-top: 10px;"> <div style="border: 1px solid black; width: 40px; height: 20px;"></div>         BY          <div style="border: 1px solid black; width: 40px; height: 20px;"></div> </div> Length (ft) X Width (ft) |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

  

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| <b>J1</b><br><b>Fire Origin</b><br><div style="border: 1px solid black; width: 40px; text-align: center; margin: 0 auto;">2</div> <input type="checkbox"/> Below Grade<br>Story of Fire Origin | <b>J3</b><br><b>Number of Stories Damaged By Flame</b><br><div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 5px;"></div> Number of Stories w/Minor Damage (1-24%)<br><div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 5px;"></div> Number of Stories w/Significant Damage (25-49%)<br><div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 5px;"></div> Number of Stories w/Heavy Damage (50-74%)<br><div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 5px;"></div> Number of Stories w/Extreme Damage (75-100%)<br><br>*Count the roof as part of the highest story | <b>K</b><br><b>Type of Material Contributing Most to Flame Spread</b><br><br><b>K1</b> <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div><br>Item Contributing Most to Flame Spread<br><br><b>K2</b> <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div><br>Type of Material Contributing Most To Flame Spread |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

  

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>L1</b><br><b>Presence of Detectors</b><br><input type="checkbox"/> N - None Present<br><input type="checkbox"/> 1 - Present<br><input checked="" type="checkbox"/> U - Undetermined                                                                                                                                                                                                   | <b>L3</b><br><b>Detector Power Supply</b><br><input type="checkbox"/> 1 - Battery Only<br><input type="checkbox"/> 2 - Hardwire Only<br><input type="checkbox"/> 3 - Plug-In<br><input type="checkbox"/> 4 - Hardwire With Battery<br><input type="checkbox"/> 5 - Plug-In With Battery<br><input type="checkbox"/> 6 - Mechanical<br><input type="checkbox"/> 7 - Multiple Detectors & Power Supplies<br><input type="checkbox"/> 0 - Other<br><input type="checkbox"/> U - Undetermined | <b>L5</b><br><b>Detector Effectiveness</b><br><input type="checkbox"/> 1 - Alerted Occupants, Occupants Responded<br><input type="checkbox"/> 2 - Alerted Occupants, Occupants Failed to Respond<br><input type="checkbox"/> 3 - There Were No Occupants<br><input type="checkbox"/> 4 - Failed to Alert Occupants<br><input type="checkbox"/> U - Undetermined                                                                                                                                         |
| <b>L2</b><br><b>Detector Type</b><br><input type="checkbox"/> 1 - Smoke<br><input type="checkbox"/> 2 - Heat<br><input type="checkbox"/> 3 - Combination of Smoke and Heat<br><input type="checkbox"/> 4 - Sprinkler, Water Flow Detection<br><input type="checkbox"/> 5 - More Than One Type Present<br><input type="checkbox"/> 0 - Other<br><input type="checkbox"/> U - Undetermined | <b>L4</b><br><b>Detector Operation</b><br><input type="checkbox"/> 1 - Fire Too Small To Activate<br><input type="checkbox"/> 2 - Operated<br><input type="checkbox"/> 3 - Failed To Operate<br><input type="checkbox"/> U - Undetermined                                                                                                                                                                                                                                                 | <b>L6</b><br><b>Detector Failure Reason</b><br><input type="checkbox"/> 1 - Power Failure, Shutoff, or Disconnect<br><input type="checkbox"/> 2 - Improper Installation or Placement<br><input type="checkbox"/> 3 - Defective<br><input type="checkbox"/> 4 - Lack of Maintenance, Dirty<br><input type="checkbox"/> 5 - Battery Missing or Disconnected<br><input type="checkbox"/> 6 - Battery Discharged or Dead<br><input type="checkbox"/> 0 - Other<br><input type="checkbox"/> U - Undetermined |

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| <p>M1</p> <p><b>Presence of Automatic Extinguishing System</b></p> <p> <input checked="" type="checkbox"/> N - None Present<br/> <input type="checkbox"/> 1 - Present<br/> <input type="checkbox"/> 2 - Partial System Present<br/> <input type="checkbox"/> U - Undetermined         </p>                                                                                                                                                                                                                                                                                                                      | <p>M3</p> <p><b>Operation of Automatic Extinguishing System</b></p> <p> <input type="checkbox"/> 1 - Operated/Effective<br/> <input type="checkbox"/> 2 - Operated/Not Effective<br/> <input type="checkbox"/> 3 - Fire Too Small To Activate<br/> <input type="checkbox"/> 4 - Failed To Operate<br/> <input type="checkbox"/> 0 - Other<br/> <input type="checkbox"/> U - Undetermined         </p> <p>Required if fire was within designed range</p> | <p>M5</p> <p><b>Reason for Automatic Extinguishing System Failure</b></p> <p> <input type="checkbox"/> 1 - System Shut Off<br/> <input type="checkbox"/> 2 - Not Enough Agent Discharged<br/> <input type="checkbox"/> 3 - Agent Discharged But Did Not Reach Fire<br/> <input type="checkbox"/> 4 - Wrong Type of System<br/> <input type="checkbox"/> 5 - Fire Not In Area Protected<br/> <input type="checkbox"/> 6 - System Components Damaged<br/> <input type="checkbox"/> 7 - Lack of Maintenance<br/> <input type="checkbox"/> 8 - Manual Intervention<br/> <input type="checkbox"/> 0 - Other<br/> <input type="checkbox"/> U - Undetermined         </p> <p>Required if system failed or not effective</p> |
| <p>M2</p> <p><b>Type of Automatic Extinguishing System</b></p> <p> <input type="checkbox"/> 1 - Wet-Pipe Sprinkler<br/> <input type="checkbox"/> 2 - Dry-Pipe Sprinkler<br/> <input type="checkbox"/> 3 - Other Sprinkler System<br/> <input type="checkbox"/> 4 - Dry Chemical System<br/> <input type="checkbox"/> 5 - Foam System<br/> <input type="checkbox"/> 6 - Halogen-Type System<br/> <input type="checkbox"/> 7 - Carbon Dioxide System<br/> <input type="checkbox"/> 0 - Other<br/> <input type="checkbox"/> U - Undetermined         </p> <p>Required if fire was within designed range of AES</p> | <p>M4</p> <p><b>Number of Sprinkler Heads Operating</b></p> <p><input type="text"/></p> <p>Required if system operated</p>                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |