NFIRS 2 - Fire Module

NFIRS 2 - Fire Module

The Fire Module is completed for incidents involving a fire.

This module should be completed for Incident Types 100, 111-143, and 160-173.

The optional Wildland Fire Module may be used instead of the Fire Module for Incident Types 140-143, 160, 170-173, 631 and 632.

When you see a star ★ the field is required.

A - Header

A | FDID | State | Incident Date (MM DD YYYY) | Station | Incident Number | Exposure | Delete | Change | NFIRS-2 Fire

Header information is repeated on all modules.

In an automated system, this information is entered once and imported into all modules.

B - Property Details

Property Details

B

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

B2 — Number of buildings involved ☐ Buildings not involved

B3 — Acres burned (outside fires) ☐ None ☐ Less than one acre

B_1 identifies the number of residential units in the building of origin.

B_2 identifies the number of buildings involved.

B_3 identifies the number of acres burned

C - On Site Materials

C On-Site Materials or Products ☐ **None**

Complete if there were any significant amounts of commercial, industrial, energy, or agricultural products or materials on the property, *whether or not they became involved.*

Enter up to three codes. Check one box for each code entered.

On-site material (1)

On-Site Materials Storage Use
1 ☐ Bulk storage or warehousing
2 ☐ Processing or manufacturing
3 ☐ Packaged goods for sale
4 ☐ Repair or service
U ☐ Undetermined

On-site material (2)

1 ☐ Bulk storage or warehousing
2 ☐ Processing or manufacturing
3 ☐ Packaged goods for sale
4 ☐ Repair or service
U ☐ Undetermined

On-site material (3)

1 ☐ Bulk storage or warehousing
2 ☐ Processing or manufacturing
3 ☐ Packaged goods for sale
4 ☐ Repair or service
U ☐ Undetermined

Use whether or not materials were involved in fire.

Identifies any significant amounts of commercial, industrial, energy, or agricultural products on the property and their storage use.

Handbook page 4-8

C - On Site Materials

Entry required when the incident occurs on property coded in the 500's, 600's, 700's or 800's series, see the Basic Module, Block J.

D - Ignition

D$_1$ Identifies the area where the fire started.

D$_2$ Identifies the heat source.

D$_3$ Identifies the item first ignited.

D$_4$ Identifies the type of the item ignited.
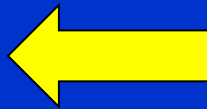
Handbook page 4-14

D - Ignition

D$_2$ Identifies the heat source.

When Heat Source Code 10-13 is used indicating the fire was started by operating equipment, the "Equipment Involved in Ignition" field (Fire Module – Section F) must be completed and cannot be NNN.

Handbook page 4-17

D - Ignition

D

Ignition

D1 ⌊ ⌊ ⌊ ⌊
Area of fire origin ☆

D2 ⌊ ⌊ ⌊ ⌊
Heat source ☆

D3 ⌊ ⌊ ⌊ ⌊
Item first ignited ☆ 1 ☐ Check box if fire spread was confined to object of origin.

D4 ⌊ ⌊ ⌊ ⌊
Type of material first ignited   Required only if item first. ignited code is 00 or <70.

D_3 Identifies the item first ignited.

Check the box if the fire spread was confined to object of origin.

E₁ - Cause of Ignition

Identifies the general causal factor that resulted in a heat source igniting a combustible material.

Check box if the incident is an exposure of the original incident.

E$_1$ - Cause of Ignition


```
E1   Cause of Ignition  ☆
     ☐ Check box if this is an exposure report.        ⇨  Skip to
                                                           Section G
1  ☐ Intentional
2  ☐ Unintentional
3  ☐ Failure of equipment or heat source
4  ☐ Act of nature
5  ☐ Cause under investigation
U  ☐ Cause undetermined after investigation
```
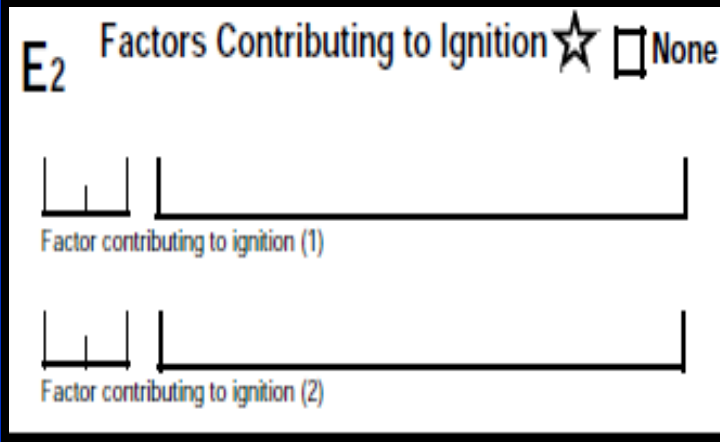
Where "Cause of Ignition" is code 3-Failure of equipment or heat source then the "Equipment Involved in Ignition" field (Fire Module - Section F) must be completed and cannot be NNN-None.

E$_2$ -Factors Contributing to Ignition

Identifies the contributing factors that allowed the heat source and combustible material to combine to ignite the fire.

1-12

E$_2$ -Factors Contributing to Ignition

Where "Factors Contributing to Ignition" involved equipment (i.e. codes 36, 37, 52 thru 58) then the "Equipment Involved in Ignition" field in the Fire Module must be completed and cannot be NNN.

Handbook page 4-26

E$_3$ - Human Factors

E$_3$ 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

^{1} ☐ Male ^{2} ☐ Female

Identifies mental or physical states or conditions that contributed to the ignition of the fire.

Identifies the age and gender of the person involved in the ignition.

Anytime a juvenile is involved, select 7-Age was a factor and include age and gender.

E₃ - Human Factors

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

¹ ☐ Male   ² ☐ Female

Anytime a juvenile is involved, select 7-Age was a factor and include age and gender.

F$_1$ - Equipment

Equipment Involved in Ignition

F$_1$

☐ None ⟹ If equipment was not involved, skip to Section G.

Equipment Involved

Brand
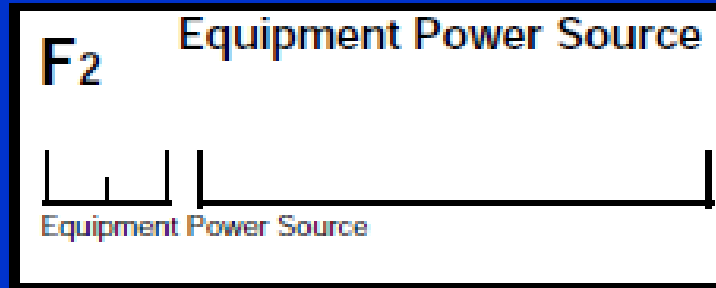
Model

Serial #

Year

Identifies the equipment that provided the primary heat source to cause ignition (if the equipment malfunctioned or was improperly used).

F$_2$ - Power Source

```
F2          Equipment Power Source

 |_|_|  |_____|
Equipment Power Source
```

Identifies the power source of the equipment involved in the ignition of the fire.

F$_3$ - Equipment Portability

Equipment Portability

F$_3$

1 ☐ Portable

2 ☐ Stationary

Portable equipment normally can be moved by one or two persons, is designed to be used in multiple locations, and requires no tools to install.

Describes the equipment involved in ignition as either stationary or portable.

Portable equipment normally can be moved by one person and is designed to be used in multiple locations.
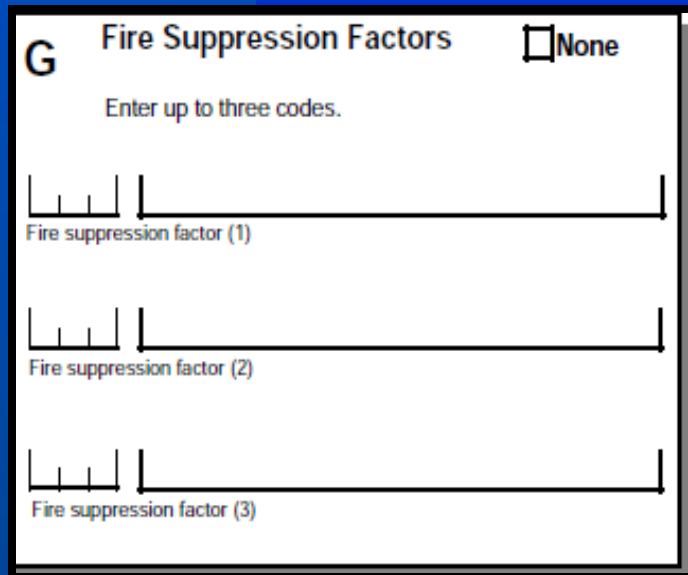
G - Fire Suppression Factors

Fire Suppression Factors

G

☐ None

Enter up to three codes.

Fire suppression factor (1)

Fire suppression factor (2)

Fire suppression factor (3)

Identifies conditions or factors that contributed to the growth or spread of the fire.

H - Mobile Property Information

H₁ - Identifies if mobile property was involved in the ignition and whether or not it burned.

H₂ - Identifies the mobile property that was involved in the ignition.

1-20

Questions?