



## CODING CORNER: FIREWORKS – BUILDING FIRES

These directions should be used for reporting non-arson Fireworks fires that start in/on the building and are **not** exposures from vegetation fires.

These incidents must include, at minimum, a Basic module, a Fire module, and a Structure Fire module. Completing an Apparatus/Personnel module is optional but highly encouraged.

If a Civilian Fire Casualty (injury or fatality) occurs due to the fire **and** YOU are the Authority Having Jurisdiction (AHJ) for the incident, you are responsible for completing one Civilian Fire Casualty Module per civilian.

If a Fire Service Casualty (injury or fatality) from your department occurs, a Fire Service Casualty module is mandatory.

**Incident Type(s):**        **111** – Building Fire  
                                  **112** – Non-building Structure (bridges, fences, etc.)  
                                  **122** – Fire in a motorhome/RV as a fixed location  
                                  **123** – Fire in portable building as a fixed location

**Examples of Action(s) Taken:**    **11** – Extinguished  
  **87** – Investigate, fire out on arrival

**Heat Source:**                **54** – Fireworks (includes sparklers, paper caps, party poppers, and firecrackers)

### Basic Module

The below area all required fields when completing the Basic Module, but it is always recommended to fill out all fields for a comprehensive incident report.

- **Alarm, Arrival, and Last Unit Cleared** dates/times
- **Mutual Aid** (See 'Mutual Aid' reference sheet for more information)
- **Resources** (Complete an Apparatus/Personnel module for more detail)
- **Estimated Dollar Losses & Values** are estimates, and are required for all fires
- **Property Use**

### Fire Module

The below are all required sections/fields when completing the Fire module but it is always recommended to fill out all fields for a comprehensive incident report.

- **Number of Residential Units** (apartments), buildings, and acres involved (only required if Property Use section of the Basic Module is coded in the 400-series codes)
- **On Site Materials or Products** would only be completed if a significant amount of commercial, industrial, energy, or agricultural products/materials were on-site. Typically, house/residential fires do not need On-Site Materials or Products completed.



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- **Section D – Ignition**
  - **Area of Fire Origin** should be coded for where the fire started in/on the structure, such as **72 – Balcony, 76 – Exterior Wall, 77 – Roof**, etc
  - **Heat Source** should be coded as **54 – Fireworks**.
  - **Item First Ignited** would be what the Fireworks set on fire first.
- **Section E – Cause of Ignition**
  - **Cause of Ignition** will be “**Unintentional.**”
  - **Factors Contributing to Ignition** could range from **11 – Abandoned materials, 12 – Heat Source too Close, 10 – Misuse, 50 – Operational Deficiency**, to **61 – High Wind**. Use what is most appropriate.
  - **Human Factors Contributing to Ignition**, such as ‘Alcohol’ or ‘Age’. If age was a factor, list the age of the person.
- **NOTE: Equipment Involved** would be “None.” **Mobile Property Involved** would be “None,” unless a car was **in the garage** and burned. In that case, mark “Not Involved in Ignition, but Burned” in the field. You do not need an exposure report.

## Structure Fire Module

When a fire occurs in an enclosed building or a portable/mobile structure, all elements of the Structure Fire Module must be completed.

- **Section I – Structure Type, Building Status, Building Height, and Main Floor Size.** (Tip: the appraiser’s website is often a good reference, with blueprints and size information listed.)
- **Section J – Fire Origin, Fire Spread, and Number of Stories Damaged by Flame**
- Use **Section K** to describe materials that contributed most to flame spread, if different from the **Item First Ignited** in the Fire module. Examples: **97 – Oily Rags, 14 – Floor Covering (carpet), 21 – Sofa**, etc. If this code is less than 70, enter the Type of Material Contributing Most to Flame Spread to provide more detailed information about the item(s).
- **Section L – Detector Information** should be completed regarding the presence, type, power supply, operation, effectiveness, and reasons for failure (if any) of the detectors.
- **Section M – Automatic Extinguishing System** should be completed as applicable.

If you need assistance or have any questions, please contact the NFIRS administrator by email at [NFIRS@wsp.wa.gov](mailto:NFIRS@wsp.wa.gov) or by phone at 360-596-3924.