

Philadelphia Fire Department



Planning Unit

***ImageTrend Elite
National Emergency Response
Information System
End-User Reference Guide***



ABOUT THE NERIS+ FIELD GUIDE

The **National Emergency Response Information System (NERIS)**, hosted through **ImageTrend Elite**, is the new official fire data collection system utilized by the Philadelphia Fire Department.

NERIS replaces the legacy NFIRS system to provide a modern, all-hazards data platform. Unlike the old system, which relied on static codes, NERIS is designed to capture the full scope of PFD response activity—from fire suppression and EMS to complex technical rescues and community risk reduction—using precise geospatial data and intuitive terminology.

Why the Change?

- **Accuracy:** NERIS uses real-world terms (e.g., "Building Fire") instead of complex numeric codes (e.g., "111").
- **Detail:** It captures up to three distinct incident types for a single event (e.g., A "Motor Vehicle Accident" that also involves a "Hazmat Spill").
- **Intelligence:** Data is processed in near real-time to support intelligence-led decision-making and firefighter safety analysis.

This reference guide provides fire department end-users with instructions for completing a NERIS-compliant incident report within the ImageTrend Elite program.

This reference guide was developed by the Philadelphia Fire Department Planning Unit. For questions related to NERIS+ coding or this form field definition guide, please contact PFDPlanning@phila.gov.

ACRONYMS USED IN THIS DOCUMENT

- **FTF** = Free text field - An open, narrative text field that allows the user to enter information not restricted to predefined codes, dropdowns, or structured data elements.
- **FF** = Firefighter
- **Non-FF** = Civilian
- **PPE** = Personal Protective Equipment
- **RIT** = Rapid Intervention Team
- **CSST** = Corrugated Stainless-Steel Tubing (CSST): a flexible, stainless-steel gas piping system used to supply natural gas or propane within buildings. CSST is identified within NERIS to support hazard recognition, incident documentation, and data analysis related to fuel gas systems encountered during emergency responses.
- **Y/N** = Yes or No
- **UN** = United Nations
- **DOT** = Department of Transportation
- **CPR** = Cardiopulmonary Resuscitation
- **VIN** = Vehicle Identification Number

RESOURCE REFERENCES USED IN THIS DOCUMENT

- NERIS Data Dictionary
- ImageTrend Elite created Data Dictionary
- ImageTrend Elite Form Manager, Form Field Properties

FORMATTING NOTATIONS

- **Bold font** = Required
- *Italicized font* = Conditionally required
- Underlined text = Helpful hints
- Standard normal font = Optional for entry

Completing a NERIS Incident Report

INCIDENT TAB

Key Change: NERIS does not use "Modules" (Basic, Fire, Structure). Instead, it uses a streamlined flow of "Incident Info," "Response," and "Documentation."

Step 1: Creating the Incident & Geospatial Location

Incidents are automatically created and imported from CAD.

1. Click the **Incidents** icon on the app toolbar.
2. Under **View Existing**, select **Fire**.
3. Filter by **Incident Date** or **Apparatus ID** and click **Go**.
4. Click the arrow icon to open the selected incident.

Step 2: Incident Type – Further Incident Details

NERIS allows for multiple incident types to describe complex scenarios.

- **Primary Incident Type:** Select the main category that best describes the event.
 - *Example:* Fire > Structure Fire > Building Fire
- **Secondary/Tertiary Incident Types:** If the incident involved other major components, add them here.
 - *Example:* If a car crashed into a house and caused a fire, your Primary is Building Fire and Secondary is Rescue > Transportation > Vehicle Extrication.

The screenshot displays the NERIS Incident Details form. At the top, there is a search bar labeled 'Find field...' and a toolbar with icons for Save, Print, PDF, CAD, and Close. The sidebar on the left lists various sections: Incident (with a red exclamation mark), Incident Details, Timestamps, Location, Location Use, Actions, Authorization, Narratives, Unit Response, and Emergency Response. The main content area is titled 'Incident Details' and contains several fields:

- Primary Incident Type:** A dropdown menu is open, showing a list of incident types including 'Fire - Structure Fire - Room and Contents Fire', 'Fire - Structure Fire - Confined Cooking / Appliance Fire', 'Fire - Structure Fire - Chimney Fire', 'Fire - Transportation Fire - Aircraft Emergency', and 'Fire - Transportation Fire - Vehicle Fire - Passenger'.
- Additional Incident Types:** A field with a search icon and a list icon.
- Incident Date:** A field with a calendar icon.
- NERIS Incident ID:** A field with a note: 'Will be hard-coded as read-only and auto-populated by NERIS in a future release:'.
- Incident Number:** A field.
- Incident Modifiers:** A field.
- Primary Station:** A dropdown menu.

INCIDENT TAB Cont.

- **Primary Station:**
 - Assigned Unit
- **Platoon:**
 - Platoon responding to the incident.

The screenshot shows the NERIS+ Incident Tab form. On the left is a sidebar with a menu containing: Timestamps, Location, Location Type, Actions, Authorization, Narratives, Unit Response (selected), and Emerging Hazards. The main form area contains the following fields and controls:

- Platoon:** A text input field with the value 'A'.
- Number of companies in service or extra alarm struck:** A dropdown menu.
- Response Mode To Scene:** Four buttons: 'Emergency' (highlighted in blue), 'Emergency, Downgraded to Non-Emergency', 'Non-Emergency', and 'Non-Emergency, Upgraded to Emergency'.
- Number of Non-Firefighter Casualties/Rescues:** A text input field.
- Number of Firefighter Casualties/Rescues:** A text input field.
- Were There People Present Upon Arrival:** Two buttons: 'Yes' and 'No'.
- Number of displaced occupants (CAT only):** A text input field.
- Displaced Cause:** A text input field with the placeholder 'Find a Value...' and a menu icon.

- **Number of Companies in Service or Extra Alarm Struck:**
 - Example: 1 & 1, 2&2, ALL Hands
- **Response Mode to Scene:**
 - Preset to Emergency Speed
- **Number of Non – Firefighter Casualties/Rescues:**
 - Victims rescued or casualties found at the incident
- **Number of Firefighter Casualties/Rescues:**
 - Mayday firefighter rescued or deceased
- **Were There People Present Upon Arrival:**
 - Civilians present upon arriving at location
- **Number of Displaced Occupants:**
 - CAT to determine number of displaced occupants
- **Displaced Cause:**
 - Reason for civilian displacement. Example: Fire, Smoke, Water

INCIDENT TAB CONT.

Step 3 Timestamps:

- **Dates and Times of Incident Markers**
 - Alarm date, dispatch time, arrival time, and available time will be automatically populated by the CAD system. All additional time entries within this tab shall be completed based on the documenting company's arrival at the incident and/or fireground.

Find field...

Save Print PDF CAD Close

Incident

- Incident Details
- Timestamps**
- Location
- Location Type
- Actions
- Authorization
- Narratives

Unit Response

Emerging Hazards

Timestamps

Alarm Date Time: 12/23/2025 06:06:25

First Arriving Unit Date Time: 12/23/2025 06:10:03

Command Established Time:

Sizeup Completed Time:

Primary Search Begin Time:

Primary Search Complete Time:

In Service Date Time: 12/23/2025 06:11:39

Incident Clear Time: 12/23/2025 06:11:39

Next

Step 4 Location:

- **Location Specifics:**
- The incident/fire address shall be automatically populated from the CAD system. Additional location-specific details—such as unit value (e.g., Apartment 6) and unit type (e.g., Apartment 6, Suite B)—shall be documented by the documenting officer. This may also include further descriptive details identifying whether the incident/fireground is located within a commercial, recreational, or governmental occupancy (e.g., Lincoln Financial Field, Section 223, Section 17, Seat 9).
- Unless the incident/fire is located outside city limits, the incorporated municipality shall be recorded as the City of Philadelphia.

INCIDENT TAB Cont.

Find field...

Incident

! Incident Details

Timestamps

Location

! Location Type

! Actions

! Authorization

! Narratives

Unit Response

Emerging Hazards

Save

Print

PDF

CAD

Close

Location

Street Postfix:

Street

Street Postfix Modifier:

Street Postfix Direction:

Direction of Travel:

Northbound

Southbound

Eastbound

Westbound

Unit Value (Number/Letter):

Unit Type:

Postal Code:

19140

Postal Code Extension:

Postal Code Lookup

Set from Postal Code

Clear Postal Code

City:

Philadelphia

State:

PA

County:

Philadelphia

Find field...

Incident

! Incident Details

Timestamps

Location

! Location Type

! Actions

! Authorization

! Narratives

Unit Response

Emerging Hazards

Save

Print

PDF

CAD

Close

Location

Cross Streets

+ Add

Place Type:

Structure:

Site:

Subsite:

Wing:

Floor:

Room:

Section:

Row:

Seat:

Marker:

Incorporated Municipality:

→ Next

INCIDENT TAB CONT.

- **Location Type**

- Identify the primary location type and any secondary use of the occupancy (e.g., a nine-story multi-unit apartment building with an on-site community center)

Current Field (SingleSelect)
Location Type

Select a Category

- 1 Agriculture Structure →
- 2 Assembly →
- 3 Commercial →
- 4 Education →
- 5 Government →
- 6 Health Care →
- 7 Industrial →
- 8 Outdoor Industrial →
- 9 Outdoor →
- 10 Residential →
- 11 Roadway / Access →
- 12 Storage →

Location Type

Location Type:

Location In Use:

Secondary Use:

→ Next

Step 5 Actions:

- **Further Response Actions**

- Canceled, Standby, No Incident Found or Staged.

Find field...

Incident

- ! Incident Details >
- Timestamps >
- Location >
- ! Location Type >
- ! Actions >
- ! Authorization >
- ! Narratives >

Unit Response

- Emerging Hazards >

Actions

Was this incident cancelled, staged/standby, or no incident found?:

→ Next

- **Aid Given/Received**

- This field is a Yes/No selection. Select **Yes** if the unit responded with, or provided assistance to, another fire department (e.g., a county department)

INCIDENT TAB Cont.

Step 6 Authorization:

- **Member Making Report- Officer In charge**
 - Identify the documenting officer and, if different, the officer in charge of the unit.
- **Rescues Made**
 - Civilians Removed
- **MAYDAY**
 - Indicate whether this incident/fire involved a MAYDAY or a near-miss event affecting operating members.

The screenshot shows the 'Authorization' tab in the NERIS+ Field Guide software. The interface includes a top navigation bar with 'Save', 'Print', 'PDF', 'CAD', and 'Close' buttons. A left sidebar lists incident details: Incident Details, Timestamps, Location, Location Type, Actions, Authorization (selected), Narratives, Unit Response, and Emerging Hazards. The main content area is titled 'Authorization' and contains the following fields:

- Member Making Report - Signature:** A dropdown menu with three options: Kurowski, Nicholas; Swearingen, Brian; and Tizol, David.
- Member Making Report:** A text input field.
- Officer In Charge - Signature:** A dropdown menu with three options: Kurowski, Nicholas; Swearingen, Brian; and Tizol, David.
- Officer In Charge:** A text input field.
- Number of rescues made:** A text input field.
- MAYDAY declared or near-miss incident:** A dropdown menu with two options: YES and No.

A 'Next' button is located in the bottom right corner of the form.

Step 7 Narratives:

- **General Rules**
 - Write the narrative in paragraph format, describing events from operations to placing the incident under control.
 - Base all documentation only on your own observations — do not include witness statements.
 - Do not speculate on cause and origin beyond your training, expertise and observations.
Clearly state where the fire was observed, if it extended and actions taken toward suppression.

INCIDENT TAB Cont.

- **Narrative Must Include:**

- **Response details:**

- *Example: “Engine 57 responded to 1300 A Street to find a 3-story, Type 3 construction, middle of the row, approx. 25x50 feet with fire showing Alpha side 3rd floor”*
 - *Example: “Heavy fire ventilating from 3rd floor alpha side extended to 1302 A street 3rd floor Alpha side”*
 - *Example: “Engine 57 found a trash can fire in-front of 1300 A street which extended to and automobile located adjacent to it*

- **Actions taken by your company:**

- *Example: “Engine 57 stretched a 1¾” hand line to the third floor of 1300 A Street and extinguished all visible fire located in the middle and front bedrooms. Engine 57 hydraulically ventilated the third floor via 1 ¾ hand line through the 3rd floor, Alpha side windows.”*

- **Specific operational tasks:**

- *Example: “Ladder 12 Pack forced entry through the locked front door located on the Alpha side of the building”*
 - *Example: “Ladder 12 Hook, Ventilated Entered Isolated and Searched through the 3rd floor Alpha side window”*
 - *Example: “Ladder 12 Tiller horizontally ventilated the 3rd floor by removing the glass and window pane”*
 - *Example: “Ladder 12 members checked for fire extension of the third floor by overhauling the walls and ceiling removing all dry wall coverings*
 - *Ventilation work, including location and size of openings.*

- **Critical “Do Not” List:**

- **✗** Do not guess the cause/origin beyond your training.
 - **✗** Do not include witness statements (handled by Fire Marshal’s Office).
 - **✗** Do not omit damage documentation — **All fire and operational damage must be recorded for the FMO. In addition to the investigation, they are recorded for the Civilian Fire Report.**

INCIDENT TAB Cont.

The screenshot displays the NERIS+ Incident Tab interface. On the left is a sidebar with a search bar labeled "Find field..." and a list of incident-related fields: Incident, Incident Details, Timestamps, Location, Location Type, Actions, Authorization, Narratives, Unit Response, and Emerging Hazards. The "Incident" field is currently selected. The main area is titled "Narratives" and contains a large text input field with the placeholder text "Start typing your narrative here...". Below this field are "Enlarge" and "Clear" buttons. At the bottom of the main area, there is a section titled "Impediment / Obstacles Narrative:" with another text input field and the same placeholder text.

- **Primary Narrative:**
 - The first arriving engine officer must complete the primary narrative describing the overall scene, strategy, and outcome.
- **Unit Narrative:**
 - Each company officer must complete a narrative for their specific unit's operations.
 - *EMS Note:* Exclude patient PII. State "See ePCR report" for medical specifics.

UNIT RESPONSE TAB

Step 8 Unit Response (Units & Personnel):

- **NERIS focuses heavily on Unit-Level actions.**
 - **Units Assigned:** Verify all units on the scene are listed (auto-populated from CAD).
 - **Unit Actions:** For *each* unit, record the specific tactical actions taken.
 - *Old NFIRS:* Action Taken was for the whole incident.
 - *New NERIS:* Engine 1 might select Fire Control > Extinguishment, while Ladder 1 selects Search & Rescue > Primary Search.
 - **Company:** Ensure all personnel on the apparatus are listed correctly. This data is vital for accountability.

Unit Response

+ Add Another
OK
Cancel

Unit NERIS ID - We are aware this is flagging with no ability to select a value. This will be corrected in an upcoming release.:
Unit Personnel Count:

Unit Personnel
+ Add

Unit Action(s) - We are aware "Investigate" is missing. This will be added in 25.08.:
Find a Value...

Unit Response Starting GPS Coordinates:
Latitude
Longitude

Unable to Dispatch:
Yes
No

Dispatch Time:
Enroute to Scene Time:
Canceled Enroute Time:
Staging Time:

On Scene Time:
In Service Date Time:
Clear Time:

Response Mode:
Non Emergent
Emergent

Unit Narrative:
Start typing here...

FIRE TAB

Step 9 Fire Details:

STRUCTURE FIRE

The Structure Fire/Outside Fire panel will remain hidden until you've selected the Fire Primarily Occurred data. If you select Structure Fire, the structure fire panel will display. If you select Outside Fire, the outside fire panel will display.

- **Fire Primarily Occurred**
 - Identify whether the fire primarily occurred outside or in a structure.
- **Water Supply**
 - Hydrant Top Color
- **Apparatus, Handline or Suppression System Used for Extinguishment**
 - Fire Extinguisher, Booster Line, 1 ¾ Etc.

Step 10: Investigation & Cause *(Required for all Fire Incident Types)*

FMO Handoff:

- **Fire investigation Needed**
 - Assessment by first in officer of the incident as to whether the fire necessitated a formal fire investigation. Select the applicable data value option for fire investigation. Data value options are Yes, No, Not Evaluated, Not Applicable, No Cause Obvious, or Other.
 - Assessment by the first in officer of the incident as to whether the fire necessitated a formal fire investigation. Select the applicable data value option for fire investigation. Data value options are Yes, No, Not Evaluated, Not Applicable, No Cause Obvious, or Other.

The screenshot shows the 'Fire Details' form within the NERIS+ Field Guide application. The interface includes a top navigation bar with a search field and buttons for Save, Print, PDF, CAD, and Close. A left sidebar contains a menu with categories like Incident, Unit Response, Fire, Fire Exposures, Casualty/Rescue, Risk Reduction, and Emerging Hazards. The 'Fire Details' section is currently selected and expanded, showing a red header with a warning icon. The main form area contains several data entry fields: 'Fire Primarily Occurred' with buttons for 'Structure' and 'Outside'; 'Water Supply' with a dropdown menu; 'Apparatus, Handline, or Suppression System Used for Extinguishment' with a 'Find a Value...' search field; and 'Fire Investigation Needed' with a grid of buttons: Yes, No, Not Evaluated, Not Applicable, No Cause Obvious, and Other.

FIRE TAB CONT.

- **Fire Investigation Type**
 - “Investigated by Arson Fire Investigator” shall be selected when the investigation is conducted by the Philadelphia Fire Department Fire Marshal.
- **FMO Date of Investigation**
 - Date of the Incident/Fire
- **Investigating Fire Marshal**
 - Select Investigating Fire Marshal
- **Did this Fire Involve Lithium-Ion Batteries?**
 - Yes/No
- **Was This a Junk Yard/ Scrap Yard?**
 - Yes/No

- **Did the Fire Progress Further After First Unit Arrival?**
 - Y/N - Whether the fire extended beyond the conditions found upon arrival. Select Yes or No to identify if fire progression was evident.
- **Fire Arrival Condition**
 - Fire conditions upon arriving on the scene of the incident. Select the conditions found on arrival. Selectable options are No Smoke Fire Showing, Smoke Showing, Smoke Fire Showing, Structure Involved, Fire Spread Beyond Structure, Fire Out Upon Arrival.

FIRE TAB CONT.

- **Fire floor of origin**
 - Story above or below ground of fire origin. Enter the number of the fire floor of origin. Negative values are below ground. Positive numbers are above the ground floor. If unknown enter 0.
- **Fire Room of Origin**
 - Room of origin of the fire. Select the room of fire origin (ex: Living Space, Hallway foyer, Garage, Basement, Attic, Other, etc.).
- **Fire Damage Type**
 - Rating of damage: Single Room, Multiple Rooms or Entire Floor of More Damage.
- **Structure Fire Cause**
 - General categorization of the cause (or likely cause) of the structure fire. Make a selection from the available data values found in the dropdown or left navigation menu when using the menu button. The Final determination will be made by the FMO.

The screenshot displays the 'Structure Fire' tab within the NERIS+ Field Guide application. The interface includes a top navigation bar with a search field and action buttons (Save, Print, PDF, CAD, Close). A left sidebar contains a menu with categories: Incident, Unit Response, Fire, Fire Details, Structure Fire, Fire Exposures, Casualty / Rescue, Risk Reduction, and Emerging Hazards. The main content area is titled 'Structure Fire' and contains several input fields and buttons:

- Did the fire progress further after first unit arrival?:** Buttons for 'Yes' and 'No'.
- Fire Arrival Condition:** A grid of buttons: 'No Smoke Fire Showing', 'Smoke Showing', 'Smoke Fire Showing', 'Structure Involved', 'Fire Spread Beyond Structure', and 'Fire Out Upon Arrival'.
- Fire Floor Of Origin:** A text input field containing the value '1'.
- Fire Room Of Origin Type:** A dropdown menu with 'Bathroom' selected.
- Fire Damage Type:** A grid of buttons: 'No Damage', 'Single Room Damaged', 'Multiple Rooms Damaged', and 'Entire Floor or More Damage'.
- Structure Fire Cause:** A dropdown menu with 'Open Flame' selected.

A 'Next' button is located in the bottom right corner of the main content area.

FIRE TAB CONT.

The "Cause of Ignition" workflow has changed to be more intuitive.

- **Cause of Ignition:** Select the broad category:
 - Intentional
 - Unintentional
 - Act of Nature
 - Undetermined
- **Factors Contributing to Ignition:** Select factors that allowed the heat source and fuel to combine (e.g., "Abandoned Materials", "Electrical Failure", "Unattended Equipment").
- **Human Factors:** Select any human conditions involved (e.g., "Impairment," "Asleep").

The screenshot displays the 'Investigation' tab in the NERIS+ Field Guide. The interface includes a top navigation bar with 'Save', 'Print', 'PDF', 'CAD', 'Messages', and 'Close' buttons. A search bar is located at the top left. The left sidebar contains a 'Quick Start' section and a list of tabs: 'Basic', 'Fire', 'Property', 'Investigation' (selected), 'Equipment Involved', 'Structure Fire', 'Narrative', and 'Validation'. The main content area is titled 'Investigation' and contains the following fields:

- Area of Fire Origin: [Dropdown menu]
- Cause of Ignition: [Dropdown menu]
- Heat Source: [Dropdown menu]
- Item First Ignited: [Dropdown menu]
- Type of Material First Ignited: [Dropdown menu]
- Factors Contributing to Ignition: [Find a Value... button]
- Human Factors Contributing to Ignition: [Find a Value... button]
- Estimated Age of Person Involved (in years): [Text input field]
- Gender of Person Involved: [1-Male, 2-Female buttons]
- Fire Suppression Factors of Property Detail: [Find a Value... button]
- Property On Site Materials: [Add button]
- Civilian Injuries: [0 input field]
- Civilian Deaths: [0 input field]
- Fire Extinguished: [Input field]

OUTSIDE FIRE

- **Fire Acres Burned**
 - Estimated number of acres burned during the incident. Enter the number of acres burned by fire (ex: 13.5 acres). Tenths of acres can be included.
- **Outside Fire Cause**
 - General categorization of the cause (or likely cause) of the outdoor fire. Select from the available data values found in the dropdown or left navigation menu when using the menu button. Final determination will be made by the FMO.

FIRE TAB CONT.

The screenshot shows the 'Outside Fire' tab in the NERIS+ Field Guide. On the left is a sidebar with a search bar and a list of tabs: Incident, Unit Response, Fire (expanded), Fire Details, Outside Fire (selected), Fire Exposures, Casualty / Rescue, Risk Reduction, and Emerging Hazards. The top bar contains 'Save', 'Print', 'PDF', 'CAD', and 'Close' buttons. The main area is titled 'Outside Fire' and contains two input fields: 'Fire Acres Burned:' and 'Outside Fire Cause:'. The 'Outside Fire Cause:' field has a dropdown arrow and a list icon. A 'Next' button is located on the right side of the main area.

VEHICLE/TRANSPORTATION FIRE

- **Mobile Property Involved in Ignition**
 - Use the dropdown list to select the mobile property involved in ignition once the Vehicle/Transportation Fire module is available.

Step 11: Fire Exposures

- **Fire Exposure Details:**
 - This section documents all exposures involved in the incident. If an exposure is present, select **Yes**. Specify whether the exposure was internal or external, the type of property affected (structure, vehicle, outdoor environment, or other), and the observed damage level (none, minor, moderate, or major). Indicate the location use type, whether the location was in use, and if it was being used as intended. Include any secondary (mixed) use, and, if the location was vacant, record the cause of vacancy (e.g., new construction, abandonment, for sale/lease, damage/decay, seasonal use, or unknown).

FIRE TAB CONT.

Step 12: Civilian Casualties

- **Casualty/Rescue Occurred (Y/N)**
 - Indicate whether any casualty or rescue event occurred. Select **Yes** to activate the panel.
- **Casualty Type**
 - Identify the individual involved (e.g., civilian, firefighter, another responder).
- **Casualty Status**
 - Document the outcome for the individual (e.g., injured, fatality, treated and released).
- **Nature of Injury / Condition**
 - Specify the type of injury or medical condition sustained (e.g., burns, smoke inhalation, trauma).

The screenshot shows a web-based form titled "Civilian Casualty". At the top, there are three buttons: "+ Add Another", "✓ OK", and "✕ Cancel". The form contains several input fields and selection buttons:

- Civilian Casualty Number:** A text input field with a red error bar on the left.
- Civilian Casualty Last Name:** A text input field.
- Civilian Casualty First Name:** A text input field.
- Civilian Casualty Middle Initial:** A text input field.
- Civilian Casualty Suffix:** A dropdown menu with a downward arrow and a list icon.
- Civilian Casualty Age:** A text input field with an information icon (i) on the right.
- Civilian Casualty Date Of Birth:** A date picker field with a red error bar on the left and a calendar icon on the right.
- Civilian Casualty Gender:** A selection area with two buttons: "1-Male" and "2-Female".
- Civilian Casualty Race:** A selection area with six buttons: "1-White", "2-Black or African American", "3-American Indian or Alaska Native", "4-Asian", "5-Native Hawaiian or other Pacific Islander", and "0-Other, includes multiracial".
- Civilian Casualty Ethnicity:** A selection area with two buttons: "1-Hispanic or Latino" and "0-Non Hispanic or Latino".
- Civilian Casualty Affiliation:** A selection area with three buttons: "1-Civilian", "2-EMS, not fire department", and "3-Police".

FIRE TAB CONT.

- **Cause of Injury**
 - Identify what caused the injury (e.g., fire, fall, structural collapse, explosion).
- **Severity of Injury**
 - Indicate the injury severity (minor, moderate, severe, or fatal, as applicable).
- **Rescue Performed (Y/N)**
 - Indicate whether a rescue was required and performed.
- **Type of Rescue**
 - Specify the rescue method or situation (e.g., removal from structure, extrication, high-angle rescue).
- **Rescue Location**
 - Identify where the rescue occurred (e.g., interior, exterior, floor level, below grade).
- **Transported for Medical Care (Y/N)**
 - Indicate whether the individual was transported to a medical facility.
- **Transport Destination (if applicable)**
 - Document the receiving hospital or medical facility, if transported

HAZ MAT TAB

Step 13: Hazardous Situation

- **PFD Hazmat Category**

- Select The Correct Level

Level 1: can be contained, confined, controlled and/or abated by responding units without dispatching HMTF1 and require no or minor evacuations (0-20) OR Those which require HMTF1 and no evacuations are necessary.

Level 2: Require HMTF1 and minor evac OR can be handled by responding units without HMTF1 and require major evac (20> people) OR require HMTF1 involving materials that are allowed to burn to and require no or minor evacuations (0-20 people)

Level 3: Require HMTF1 and major evacuations (21 or more people) OR require HMTF1 involving materials that are permitted to burn for controlled periods of time to consume themselves and require major evacuations (21 or more people)

- Document the weather conditions present at the time of the incident, including temperature, wind speed and direction, precipitation type (e.g., rain, snow, sleet), and any significant weather factors such as extreme heat or cold, storms, or reduced visibility. This information should reflect conditions that may have affected fire behavior, operations, or responder safety.

- **Haz Mat Disposition**

- Outcome of the hazmat incident. Select the Hazardous Situation Disposition using the selectable options in the dropdown list

- **Chemical Name**

- Name of the chemical/material involved in the incident. Select the Chemical name from the Chemical Resource populated dropdown list

The screenshot shows a web-based form titled "HazMat". At the top, there are three buttons: "+ Add Another", "✓ OK", and "✕ Cancel". The form contains several input fields and selection options:

- Chemical Name:** A text input field with a dropdown arrow and a list icon.
- Estimated Amount Released:** A text input field.
- Released Units:** A text input field with a dropdown arrow and a list icon.
- Released Inside or Outside:** Two buttons: "1-Inside or on structure" and "2-Outside of structure".
- Story of Release:** A text input field.
- Cause of Release:** A grid of six buttons: "1-Intentional", "2-Unintentional release", "3-Container or containment failure", "4-Act of nature", "5-Cause under investigation", and "U-Cause undetermined after investigation".
- HazMat Disposition:** A dropdown menu with a red exclamation mark icon and a list icon.
- Factors Contributing to Release:** A text input field with the placeholder "Find a Value..." and a list icon.

VALIDATION TAB

Step 14: Validation and Competition

- **Validation Score:**
 - Click the **Validation** button at the bottom. The system will check for NERIS-required fields based on the Incident Type you selected.
 - *Note:* NERIS is dynamic. If you select "Building Fire," it will require fields like "Number of Stories" and "Structure Status." If you select "Trash Fire," it will hide those fields.
- **Fixing Errors:**
 - Click on any error messages to jump directly to the missing field.
- **Status:**
 - Once the score is 100%, change the status to **"Completed"** (or "Pending Investigation" if handed to FMO).

The screenshot displays the NERIS+ Field Guide interface. On the left is a sidebar with a search bar and a list of menu items: Quick Start, Basic, Fire, Structure Fire, Civilian Casualty, Narrative, Validation, Officer In Charge, and Member Making Report. The 'Validation' menu item is highlighted. The main content area is titled 'Officer In Charge' and contains several form fields with red error indicators (exclamation marks in red boxes) next to them:

- Officer in Charge: [Text field]
- Officer in Charge - Date: [Text field]
- Officer in Charge - Signature: [Dropdown menu with options: Kurowski, Nicholas; Swearingen, Brian; Tizol, David]
- Officer in Charge - Position or Rank: [Text field]
- Officer in Charge - Assignment: [Text field]
- MAYDAY declared or near-miss incident: [Radio buttons: Yes, No]
- Was this a junkyard/scrapyard?: [Radio buttons: Yes, No]
- Number of Rescues Made: [Text field]
- Number of displaced occupants (CAT only): [Text field]

At the bottom right of the form is a 'Next' button.

COMMON INCIDENT TYPES

NERIS uses descriptive text categories. Below are common mappings from old NFIRS codes.

Old NFIRS Code	New NERIS Category
111 - Building Fire	Fire > Structure Fire > Building Fire
113 - Pot of Meat	Fire > Structure Fire > Confined Cooking Fire
131 - Passenger Vehicle	Fire > Mobile Property > Passenger Vehicle Fire
118- Trash or Rubbish	Fire > Rubbish
412 - Gas Leak	Hazard > Non-Chemical > Gas Leak/Odor
745 - False Alarm	No Emergency > False Alarm > System Malfunction
300- Rescue, EMS	Renamed Under > Rescue Action

Troubleshooting & Support

Common Issues:

- **Incident Not Found:** Ensure you are filtering for the correct **Date** and **Unit ID** in the search list.
- **Validation Errors:** If you cannot reach 100%, check if you have selected a "Secondary Incident Type" that triggered extra questions you didn't answer.

Technical Support:

For NERIS technical assistance, contact the PFD Planning Unit:

- **Email:** PFDPlanning@phila.gov

