

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 shows the NERIS+ Field Guide application interface. At the top, there's a toolbar with a search bar ('Find field...'), a green 'Save' button, and other icons for Print, PDF, CAD, and Close. The main window has a red header bar with the title 'Incident'. On the left is a sidebar with sections: 'Incident Details', 'Timestamps', 'Location', 'Location Use', 'Actions', 'Authorization', and 'Narratives'. Below these is a blue section for 'Unit Response'. The main content area is titled 'Incident Details' and contains several input fields and dropdown menus. One dropdown for 'Primary Incident Type' lists categories like 'Involvement', 'Fire - Structure Fire - Room and Contents Fire', 'Fire - Structure Fire - Confined Cooking / Appliance Fire', 'Fire - Structure Fire - Chimney Fire', 'Fire - Transportation Fire - Aircraft Emergency', 'Fire - Transportation Fire - Vehicle', and 'Fire - Passenger'. Another dropdown for 'Additional Incident Types' is partially visible. There are also fields for 'Incident Date', 'Incident Number', 'Incident Modifiers', and 'Primary Station'.

INCIDENT TAB Cont.

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

The screenshot shows the software's interface for managing incidents. On the left, there's a sidebar with a tree view of data categories: Timestamps, Location, Location Type, Actions, Authorization, Narratives, Unit Response (which is currently selected), and Emerging Hazards. The main workspace is titled 'Platoon' and shows details for 'Platoon A'. It includes fields for 'Number of companies in service or extra alarm struck', 'Response Mode To Scene' (with options for Emergency, Non-Emergency, Downgraded to Non-Emergency, and Non-Emergency Upgraded to Emergency), and counts for 'Number of Non-firefighter Casualties/Rescues' and 'Number of Firefighter Casualties/Rescues'. There are also buttons for 'Yes' and 'No' regarding 'Were There People Present Upon Arrival?' and a field for 'Number of displaced occupants (CAT only)'. A 'Find a Value...' search bar is at the bottom right.

- **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.

Timestamp	Date	Time	Action
Alarm Date Time:	12/23/2025	06:06:25	<input type="button" value="O"/>
First Arriving Unit Date Time:	12/23/2025	06:10:03	<input type="button" value="O"/>
Command Established Time:			<input type="button" value="O"/>
Sizeup Completed Time:			<input type="button" value="O"/>
Primary Search Begin Time:			<input type="button" value="O"/>
Primary Search Complete Time:			<input type="button" value="O"/>
In Service Date Time:	12/23/2025	06:11:39	<input type="button" value="O"/>
Incident Clear Time:	12/23/2025	06:11:39	<input type="button" value="O"/>

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.

Location

Street Postfix:	<input type="text" value="Street"/>	<input type="button" value="▼"/>
Street Postfix Modifier:	<input type="text"/>	
Street Postfix Direction:	<input type="text"/>	
Direction of Travel:	<input type="checkbox"/> Northbound <input type="checkbox"/> Southbound <input type="checkbox"/> Eastbound <input type="checkbox"/> Westbound	
Unit Value (Number/Letter):	<input type="text"/>	
Unit Type:	<input type="text"/>	
Postal Code:	<input type="text" value="19140"/>	
Postal Code Extension:	<input type="text"/>	
<input type="button" value="Postal Code Lookup"/> <input type="button" value="Set from Postal Code"/> <input type="button" value="Clear Postal Code"/>		
City:	<input type="text" value="Philadelphia"/>	
State:	<input type="text" value="PA"/>	
County:	<input type="text" value="Philadelphia"/>	

Location

Cross Streets <input type="button" value="✚ Add"/>	
Place Type:	<input type="text"/>
Structure:	<input type="text"/>
Site:	<input type="text"/>
Subsite:	<input type="text"/>
Wing:	<input type="text"/>
Floor:	<input type="text"/>
Room:	<input type="text"/>
Section:	<input type="text"/>
Row:	<input type="text"/>
Seat:	<input type="text"/>
Marker:	<input type="text"/>
Incorporated Municipality:	<input type="text"/>

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 In Use:

Secondary Use:

Save Print PDF CAD Close Next

Step 5 Actions:

- **Further Response Actions**

- Canceled, Standby, No Incident Found or Staged.

Find field... Save Print PDF CAD Close

! Incident

! Incident Details
Timestamps
Location
! Location Type
! Actions
! Authorization
! Narratives
! Unit Response
Emerging Hazards

Actions

Was this incident canceled, staged/standby, or no incident found?

Save Print PDF CAD Close 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.

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 an automobile located adjacent to it*”

- **Actions taken by your company:**

- Example: “*Engine 57 stretched a 1 ¾” 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 shows the 'Incident' tab in the NERIS+ FIELD GUIDE application. The left sidebar contains a navigation menu with sections like 'Incident Details', 'Timestamps', 'Location', 'Location Type', 'Actions', 'Authorization', 'Narratives', 'Unit Response', and 'Emerging Hazards'. A search bar is also present. The main content area is titled 'Narratives' and contains a text input field with the placeholder 'Start typing your narrative here...'. Below this is another section titled 'Impediment / Obstacles Narrative' with its own text input field and placeholder. At the bottom of each section are 'Enlarge' and 'Clear' buttons.

- **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.

The screenshot shows the 'Unit Response' tab interface. At the top, there are three buttons: '+ Add Another', 'OK', and 'Cancel'. Below these are two input fields: 'Unit NERIS ID' (with a note about flagging) and 'Unit Personnel Count'. A 'Unit Personnel' section contains a table header 'Unit Personnel' with a '+ Add' button, and a note about missing 'Investigate' values. It also includes 'Find a Value...' and search icons. Below this are fields for 'Unit Response Starting GPS Coordinates' with 'Latitude' and 'Longitude' inputs. A 'Unit Response' section includes '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', and 'Response Mode' (Non Emergent/Emergent). At the bottom is a 'Unit Narrative' text area with placeholder text 'Start typing here...'. The entire interface has a light gray background with white and light blue UI elements.

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 software's navigation bar at the top with Save, Print, PDF, CAD, and Close buttons. The main content area is titled "Fire Details". On the left is a sidebar with dropdown menus for Incident, Unit Response, and Fire, and buttons for Fire Exposures, Casualty / Rescue, Risk Reduction, and Emerging Hazards. The "Fire" menu is currently expanded, showing "Fire Details" which is also highlighted with a red border. The "Fire Details" section contains several input fields: "Fire Primarily Occurred" with options "Structure" and "Outside" (the latter is highlighted with a red border); "Water Supply" with a dropdown menu; "Apparatus, Handline, or Suppression System Used for Extinguishment" with a search bar "Find a Value..."; and "Fire Investigation Needed" with a grid of six 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

The screenshot displays the 'Fire Details' section of the NERIS+ FIELD GUIDE application. On the left, a vertical sidebar lists categories such as Incident, Unit Response, Fire, Fire Details (selected), Fire Exposures, Casualty / Rescue, Risk Reduction, and Emerging Hazards. At the top right, there are buttons for Save, Print, PDF, CAD, and Close. The main content area is titled 'Fire Details' and includes the following fields:

- Fire Primarily Occurred:** A dropdown menu with options Structure, Outside, and a third option currently highlighted.
- Water Supply:** A dropdown menu with a single visible option.
- Apparatus, Handline, or Suppression System Used for Extinguishment:** A dropdown menu with a placeholder 'Find a Value...'.
- Fire Investigation Needed:** A dropdown menu with options Yes, No, Not Evaluated, Not Applicable, No Cause Obvious, and Other.
- FMO Date of Investigation:** A date input field.
- FMO Fire Marshal investigating this incident:** A dropdown menu.
- Did this fire involve lithium-ion batteries?:** A dropdown menu with options Yes and No.
- Was this a junkyard/scrapyard?:** A dropdown menu with options Yes and 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' section of the NERIS+ Field Guide application. The left sidebar has a red header 'Fire' and a blue 'Structure Fire' item selected. The main area is titled 'Structure Fire' and includes the following fields:

- Did the fire progress further after first unit arrival?**: Yes (selected)
- Fire Arrival Condition**: Structure Involved (selected)
- Fire Floor Of Origin**: 1
- Fire Room Of Origin Type**: Bathroom
- Fire Damage Type**: Multiple Rooms Damaged (selected)
- Structure Fire Cause**: Open Flame

At the top right are buttons for Save, Print, PDF, CAD, and Close. A 'Next' button is located at the bottom right.

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").

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). Tentshs 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 displays the software's user interface for managing fire incidents. On the left, a vertical sidebar lists various incident types with dropdown arrows. The 'Fire' category is expanded, showing 'Fire Details' and 'Outside Fire' as sub-options, with 'Outside Fire' currently selected. The main workspace is titled 'Outside Fire' and contains two input fields: 'Fire Acres Burned:' and 'Outside Fire Cause:', each with its own dropdown menu. At the top of the screen, there are standard application controls: 'Save', 'Print', 'PDF', 'CAD', and 'Close'. A search bar at the top left is labeled 'Find field...'. On the right side of the main panel, there is a 'Next' button.

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 software window titled "Civilian Casualty". At the top right are three buttons: "+ Add Another" (with a plus sign icon), "OK" (with a checkmark icon), and "Cancel" (with a cross icon). Below the buttons are several input fields and dropdown menus. The first field is "Civilian Casualty Number" with a red exclamation mark icon. The next three fields are "Civilian Casualty Last Name", "Civilian Casualty First Name", and "Civilian Casualty Middle Initial", each with a red exclamation mark icon. The "Civilian Casualty Suffix" field has a dropdown arrow and a grid icon. The "Civilian Casualty Age" field has a red exclamation mark icon. The "Civilian Casualty Date Of Birth" field has a red exclamation mark icon and a circular icon with a question mark. The "Civilian Casualty Gender" section contains three radio buttons labeled "1-Male", "2-Female", and an empty box, all with red exclamation mark icons. The "Civilian Casualty Race" section shows a grid of six radio 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", with the last one having a minus sign icon. The "Civilian Casualty Ethnicity" section shows two radio buttons: "1-Hispanic or Latino" and "0-Non Hispanic or Latino", with the first one having a minus sign icon. The final section, "Civilian Casualty Affiliation", shows three radio buttons: "1-Civilian", "2-EMS, not fire department", and "3-Police", with the first one having a minus sign icon.

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

HazMat	
<input style="margin-right: 10px;" type="button" value="Add Another"/> <input style="margin-left: 10px;" type="button" value="OK"/>	<input style="margin-left: 10px;" type="button" value="Cancel"/>
<div style="display: flex; justify-content: space-between;"> <div style="flex: 1;"> <p>Chemical Name: <input type="text"/></p> <p>Estimated Amount Released: <input type="text"/></p> <p>Released Units: <input type="text"/></p> <p>Released Inside or Outside: <input type="radio"/> 1-Inside or on structure <input type="radio"/> 2-Outside of structure</p> <p>Story of Release: <input type="text"/></p> <p>Cause of Release: <input type="radio"/> 1-Intentional <input type="radio"/> 2-Unintentional release <input type="radio"/> 3-Container or containment failure <input type="radio"/> 4-Act of nature <input type="radio"/> 5-Cause under investigation <input type="radio"/> U-Cause undetermined after investigation</p> </div> </div>	
<p>HazMat Disposition: <input type="text"/></p> <p>Factors Contributing to Release: <input type="text"/></p>	

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 shows the NERIS+ FIELD GUIDE software interface. On the left, there's a sidebar with a search bar and a navigation menu. The 'Validation' section is expanded, showing 'Officer In Charge' as the selected category. The main workspace is titled 'Officer In Charge' and contains several input fields and dropdown menus. At the top right, there are standard application buttons: Save, Print, PDF, CAD, and Close. Below these are buttons for 'Next' and 'Previous'. The validation results are indicated by red exclamation marks next to some fields.

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

