



Resource Manager Web User Guide 2013

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Disclaimer

Salamander Technologies, Inc. has made its best efforts to make the *Salamander* system reliable and defect-free; however, any computerized system is subject to malfunction including operator error, undetected system “bugs”, and power or communication outages. Salamander cannot and does not warrant that the system will perform flawlessly at all times and under all conditions.

Introduction

Overview

The *Resource Manager* software is an important part of the *Salamander* Suite of software which is setting the standard for resource accountability throughout the United States. The *Salamander* Suite was designed with three objectives in mind.

- **Simplicity** – The *Salamander* Suite uses nationally recognized incident management procedures. The *Salamander* barcode is a two dimensional, high capacity barcode and the *Salamander* smart card is a contactless RFID card. Both are used to carry a person's database and they allow users to capture and display the data. The barcode contains personal information as well as qualifications. Operators may be trained to use the system in a matter of minutes.
- **Survivability** - There are three tiers of survivability in the *Salamander* System assuring that even a complete breakdown in electronic equipment does not inhibit accountability.

If external communications are lost, incidents may be run from the COMMAND™ Module.

If the COMMAND™ Module is inoperable, basic accountability may be maintained via the MOBILE software.

If electronic devices are not available or inoperable, ID cards can be used for manual accountability.

The *Salamander* two dimensional, high capacity barcode and the *Salamander* smart card represent the ultimate in a distributed database – they survive even if the host system is destroyed or inoperable.

- **Scalability** - The *Salamander* Suite was designed to scale so that it is the right size for the needs and budgets of any organization. Small organizations can start with an *Salamander* Suite compatible manual accountability system. Medium organizations can purchase a basic *Salamander* Suite electronic system for only a few thousand dollars. Large departments can deploy multiple handheld systems as part of a Wireless LAN controlled by a COMMAND™ Module. Organization members as well as all mutual aid organization members and other support organization members may be provided with a barcode or a smart code to assure inoperability when you need it most.

All *Salamander* applications have the option of synchronizing data over a local area network or directly to the web. 2-way synchronization allows all resource data to be shared between applications. *Salamander* offers the ability to join applications together at the web level creating a master incident. Incidents joined at the web level 2-way synchronize over a cellular or other web connection.

The *Salamander* Suite unites response organizations, mutual aid, and state & national responders with a common machine-readable format and resource data sharing.

Resource Manager Web

The Resource Manager software is used to:

- Manage personnel, equipment, assignment and organization records
- Manage security settings
- Print ID tags, labels and hard cards
- Encode Smart Cards

Resource Manager Web allows you to keep detailed records of Organizations, People and Equipment and design and print ID tags, labels, hard cards and to encode smart cards. The printed/encoded media contains personal or equipment information, organization information and qualifications. Resource Manager Web allows for batch security management and provides for Organization parent-child relationships.

Qualifications are a vital part of the recordkeeping for both people and equipment. Resource Manager Web provide qualifications which include National Emergency Responder Credentialing System Job Titles, NIMS Typed Resources, ICS Core Competencies and the qualifications that existed in *fireTRAX™* Host. Resource Manager Web provides a simple tree format which allows you to add and manage your own qualifications. You may organize qualifications using the Emergency Services Functions or by location – Local, State, Regional or Other.

Another important function provided by Resource Manager Web is the ability to store and print Assignments that are used at events of all types. Assignments are locations or functions that resources are associated with during the course of an incident. Resource Manager Web provides the Incident Command System assignments and allows you to add additional assignments according to your specific needs.

In order to have accurate and reliable information in the field and on post-incident reports it is critical that the initial information that you enter and the information containers that you use are accurate and complete. The Identification Numbers that you use for Organizations (OID), Equipment (EID) and Personnel (PID) must be unique numbers. Within a State two organizations may not have the same Organization ID and Type. All equipment in an organization must have a unique EID. All people within an organization must have a unique PID.

Salamander Barcode & Smart Card Information

The *Salamander* barcode is a two dimensional, high capacity barcode. The *Salamander* smart card is an ISO standard 14443 or ISO standard 15693 contactless RFID card. The use of the information contained within either medium is protected by United States of America and International patents.

Within the *Salamander* suite the contents of the Smart Card and the barcode are identical.

The first time a Smart Card is encoded it is setup to hold either company or non-company information. After the initial setup of a company Smart Card it may be encoded with company information and a non-company Smart Card may be encoded with assignments, personnel, equipment and victims.

Personnel Container

The personnel container holds the following information. The items in bold print may be displayed in human-readable text. The human-readable text that appears is dependent on the type of ID tag, label or hard card. The different types are listed below with the human-readable text that may appear if it is held in the container. The information available in the container and in human-readable text is dependent on the information that has been entered into the person's record.

1. Organization Country
2. Organization State
3. Organization Type
4. **Organization ID**
5. **Organization Name**
6. **Personnel ID**
7. **Last Name**
8. **First Name**
9. **Rank**
10. Date of Birth
11. Phone Number
12. **Qualifications**
13. **Qualifications - Certification Number**
14. **Qualifications - Issue Date**
15. **Qualifications - Expiration Date**

Personnel Medical Container

The personnel medical container holds the following information. The items in bold print may be displayed in human-readable text. The information available in the container and in human-readable text is dependent on the information that has been entered into the person's record.

1. Organization Country
2. Organization State
3. Organization Type
4. Organization ID
5. Personnel ID
6. **Physician Name**
7. **Physician Phone**
8. **Insurance Carrier**
9. **Insurance Policy number**
10. **Emergency Contact**
11. Emergency Contact Phone
12. Organ Donor
13. Resting Pulse
14. Blood Pressure
15. Respirations

16. Blood Type
17. Gender
18. Religion
19. Medications
20. Allergies

NOTE: The data read from the medical container is not retained by the MU's.

Equipment Container

The equipment container holds the following information. The items in bold print are displayed in human-readable text. The human-readable text that appears is dependent on the type of ID tag, label or hard card. The different types are listed below with the human-readable text that may appear if it is held in the container. The information available in the container and in human-readable text is dependent on the information that has been entered in the record for the piece of equipment.

1. Organization Country
2. Organization State
3. Organization Type
4. **Organization ID**
5. **Organization Name**
6. **Equipment ID**
7. **Manufacturer Make**
8. **Model**
9. **Description**
10. **Manufacture Date**
11. Date in Service
12. Features (qualifications)

Assignment Container

The assignment container holds the following information. The item in bold print is displayed in human-readable text. The information available in the container and in human-readable text is dependent on the information that has been entered in the record for the assignment.

1. Organization Country
2. Organization State
3. Organization Type
4. Organization ID
5. **Assignment**

Company Container

The company container holds the following information. The items in bold are required.

1. **Organization Country**
2. **Organization State**

3. **Organization Type**
4. **Organization ID**
5. **Organization Name**
6. **Company Name**
7. **Company ID**
8. Kind
9. Designation
10. **NIMS Type**
11. Qualifications
12. Leader Flag
13. Personnel Collection
14. Equipment Collection'
15. Crews (not in barcode)

Printing

All Salamander Technologies, Inc. software is capable of printing to any MS-Windows compatible printer. *Resource Manager* software allows the user to print numerous styles of Accountability tags, labels, CR80 and to encode smart cards.

*For more information on printing issues or to purchase products please contact Salamander.
1-877-430-5171*

info@salamanderlive.com
www.salamanderlive.com.

Using Resource Manager Web Login

— Enter the **User Name** and **Password**



resourceMGR web.

Welcome! Please Login.

USER NAME

PASSWORD

<< SUBMIT >>

— Click on **Submit**

Change Password

— Press: Password in the upper right hand corner. Enter the current password, and then type in a new password. Press submit when complete.

CURRENT PASSWORD

NEW PASSWORD

CONFIRM PASSWORD

Reset Password

If the user's password is forgotten and needs to be reset, another user of equal authority or the website administrator must login to the website and edit the user's security account.

— Login as website administrator

— Press the Security button in the upper left corner

— Use the column filter to find the specific user account

- Edit the user account
- In the user detail screen, press the New Password check box
- Enter a new password and save the update

List Sections

Quals Security Incident

-- RESOURCE LIST --

resourceMGR web

>> Issuer << >> Password << >> Logout <<

Responder + [Print] [Trash] -- Reports -- [Search]

Selected (2)	First Name	Last Name	ID	Rank	Issue Date	Organization Name	Hire Date
<input checked="" type="checkbox"/>		dge	89564	Firefighter		Moosewood Fire Department	
<input checked="" type="checkbox"/>		dges	568945			Moosewood Fire Department	
<input type="checkbox"/>		rley	581117	Fire Fighter	2013-05-31	Moosewood Fire Department	1978-10-06

Responder
Equipment
Assignments
Organizations

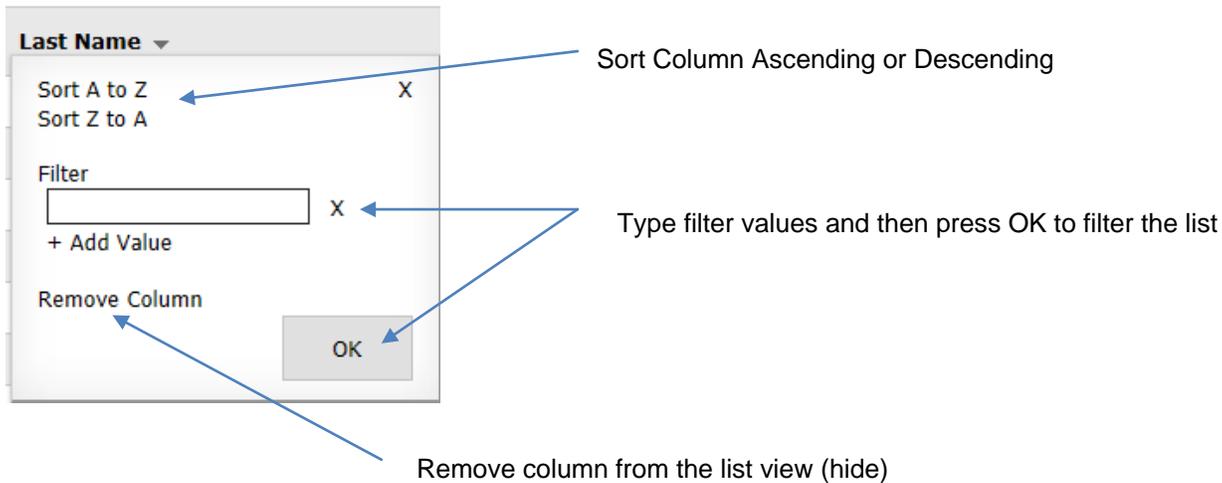
Resource Manager Web opens to the responder list. The responder drop down button provides the ability to switch between viewing people, equipment, assignments or organizations.

List Column Headings

Responder + -- Reports --

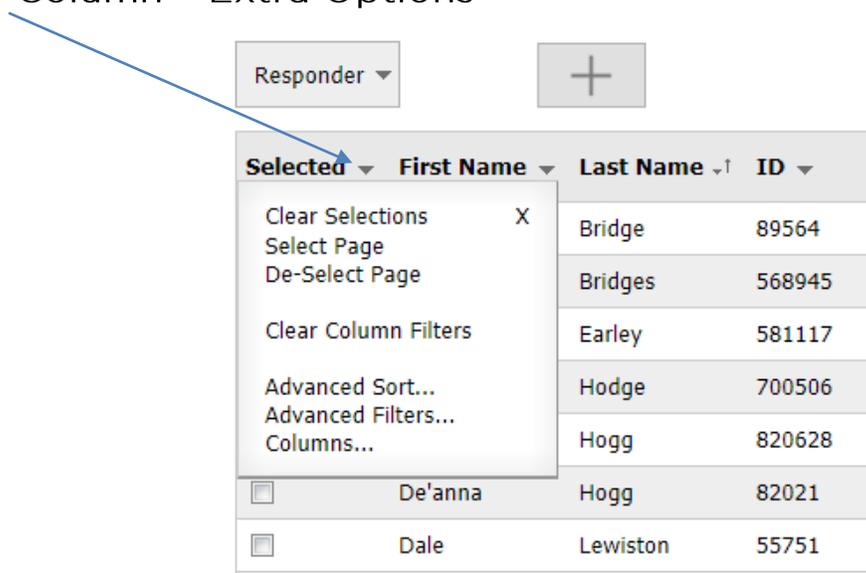
Selected	First Name	Last Name	ID	Rank	Issue Date	Organization Name	Hire Date
<input type="checkbox"/>	Gerald	Bridge	89564	Firefighter		Moosewood Fire Department	
<input type="checkbox"/>	Gerald	Bridges	568945			Moosewood Fire Department	

In each section, the column heading drop down provides sort and filter capability. The sorting and filtering applied to a column will remain in effect until cleared.



The 'selected' column drop down provides advanced options for selection, sorting, filtering, and visible columns.

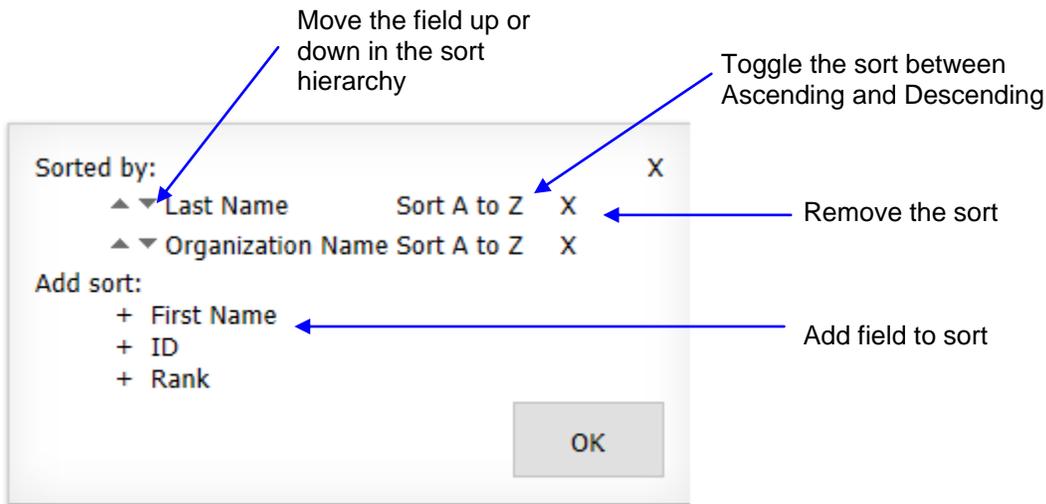
Selected Column - Extra Options



- Clear Selections – de-selects all selected records across multiple pages.
- Select Page – Selects all records on the currently visible page.
- De-select Page – de-selects records on the current page only.

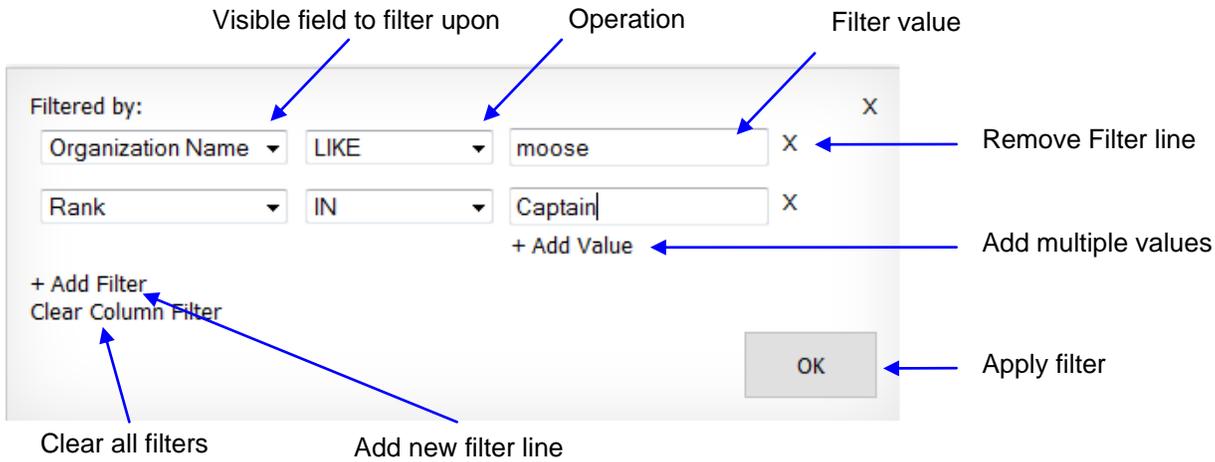
Advanced Sorting

Press **Advanced Sort...** from the selected drop down to bring up sort options for the visible columns. Click to add, re-order, or remove sorting.



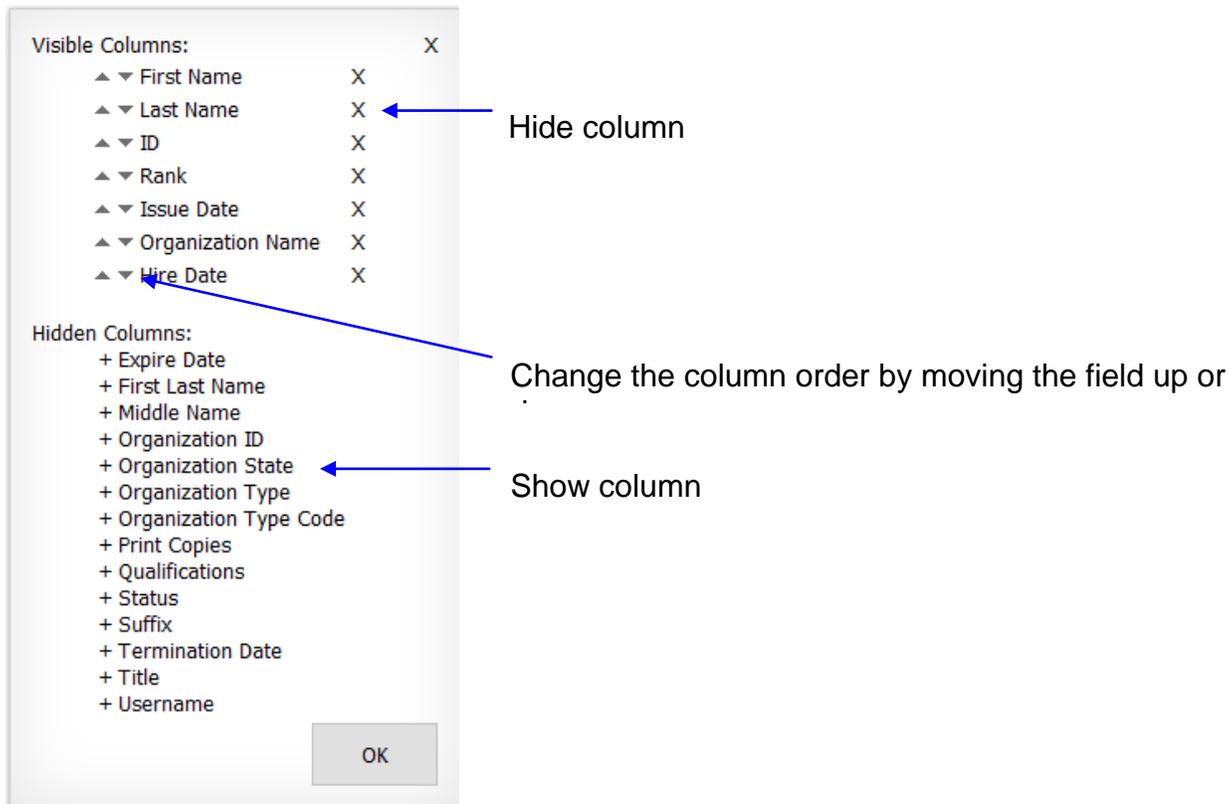
Advanced Filtering

- Press **Advanced Filters...** from the selected drop down to bring up the filter options for the visible columns. Click to add, modify, or remove filters.
- + Add Filter – Adds another line for filtering on multiple fields.
- + Add Value – Adds another line to find multiple values in a single field.
- Like - Displays records matching any characters that you have entered.
- Start with - Displays records that start with the characters that you have entered.
- In – Allows drop down selection from values existing in the database.
- Exclude - Displays records that do not contain the characters that you have entered.
- EQ - Displays records that are an exact match to the characters that you have entered.
- GT, GTE, LT, LTE – Greater than, greater than or equal to, less than, or less than or equal to.



Hide / Show Columns

Press **Columns...** from the selected drop down to bring up the column options for the visible resource type. Click to hide, show, or re-order the columns.



Search

The search feature will look across all visible columns to find matches. The matches will be displayed in the list view.

Type the search criteria into the active box and press enter key or the magnifying glass icon.

To Clear the search, delete all text from the box and press enter or the magnifying glass.



Run Report

To run a report, simply select a report from the report drop down. If you have records selected, or an active filter, the report function will include only the information that is visible / selected. You may View, Search, Export (Excel, PDF, or Word) and Print a report.

Add, Edit or Delete a Record

You may choose to add, edit or delete a person, piece of equipment, assignment or organization if you have the appropriate permissions.

Add. Click on the **Add** icon to add a new person, piece of equipment, assignment or organization

Edit. Click any field in the list view to edit the person, piece of equipment, assignment or organization.

Delete. After selecting record(s), click on the **Delete** icon to delete all of the selected resources. Resources may also be deleted from within the detail record.

A message will appear to ask you to affirm that you would to complete the deletion process.



Personnel Record

Resource Manager Web has a Personnel Record which allows you to store Personal, Private, Medical and Qualifications. There are several options in the status dropdown (e.g., inactive, retired, terminated) to address personnel that are no longer active.

Person tab

The areas in **RED** are required

- Title. Choose a Title from the dropdown or click on Add and type in a Title.
- Last Name. The Last Name is limited to 25 characters.
- First Name. The First Name is limited to 25 characters.
- Middle Initial. The Middle Initial is limited to 25 characters.
- Suffix. Choose a Suffix from the dropdown or click on Add and type in a Suffix.
- Person ID. The Person ID is limited to 15 characters. Note: You may have only one person in an organization with this PID. This PID may be used in any other organization within the database.
- Birth Date. Check the box. Type in a date or click the arrow and a calendar will appear.
- Organization. Choose an Organization from the dropdown. As you type in the Organization name the autofill functionality will display possible matches.
- Rank. Choose a Rank from the dropdown or click on Add and type in a Rank. As you type in the Rank, the autofill functionality will display possible matches.
- Status. Choose a Status from the dropdown.
- Hire Date. Check the box. Type in a date or click the arrow and a calendar will appear.
- Termination Date. Check the box. Type in a date or click the arrow and a calendar will appear.
- Picture. Click on browse and the Choose File to Upload screen will appear. Navigate to the picture that you wish to import. The picture will be added after you click on Submit.
- Issue Date. The issue date will be recorded when the record is printed.
- Expiration Date. The expiration date will be recorded when the record is printed if it was provided on the print screen.
- Copies Printed. This is the total number of ID tags that have been printed for this record.

Private Tab

All of the fields on the Private tab are optional.

Medical Tab

All of the fields on the Medical tab are optional.

Qualifications Tab

Resource Manager™ Web contains qualifications that represent the following:

- Tier 1 NIMS National Resource Typing Definitions,
- Tier 1 NIMS National Emergency Responder Credentialing System (NERCS) Job Titles,
- FEMA Incident Management Systems Division's (IMSD) Incident Command System (ICS) Core Competencies
- Qualifications that were distributed with *fireTRAX*® Host 1.8

Disciplines

The Qualifications are in tree format. The Disciplines are available using the dropdown and they include the 15 Emergency Support Functions (ESF) as defined by FEMA and Local, State, Regional, and Other.

Disciplines are used for organizational purposes only.

Disciplines are not qualifications.



Groups

Each discipline can be further organized with Groups

The Groups used to organize the ESFs include:

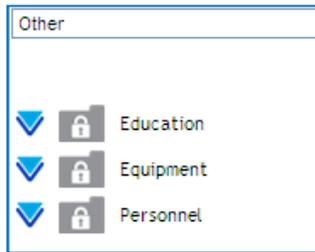
- The ICS Core Competencies (located in ESF #5 Emergency Management) – FEMA Incident Management Systems Division (IMSD)
- NERCS (National Emergency Responder Credentialing System) - FEMA
- Typed Resources – FEMA

The Groups used to organize the Other Discipline include:

- Education

— Equipment

— Personnel



Note: The original qualifications from fireTRAX Host are in the Other Discipline.

Groups are used for organizational purposes only. **Groups are not qualifications.**

Add a Qualification

To add a qualification to a record choose a discipline from the dropdown

The Group(s) attached to the Discipline will appear. Click on the arrow next to the Group and the Qualifications attached to the Group will appear. Click on a **Qualification**.



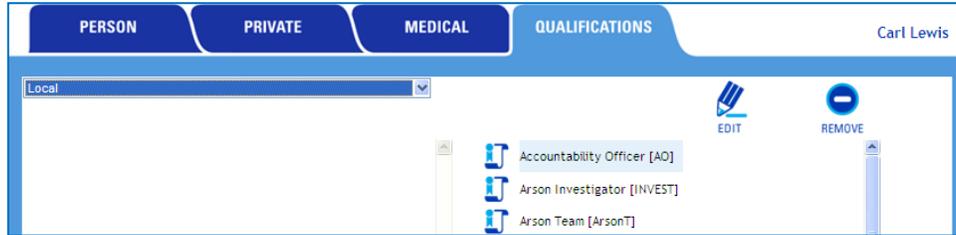
The **Qualification Details Form** will appear. You may enter a Certification Number and activate the Issue Date and/or the Expiration Date. Click on **Submit**.



The Qualification will appear on the list of Qualifications. Click on the arrow next to the Qualification to view the details.

Edit a qualification

Click on the **Qualification** and click on the **Edit** icon

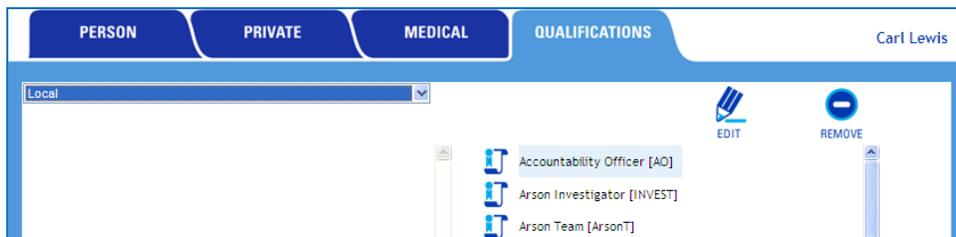


The **Qualification Details Form** will appear. Make any necessary changes on click on **Submit**.



Remove a qualification

Highlight and qualification and click on **Remove** and it will be removed from the record.



KDEM Verification

resourceMGR Web allows for the verification that a person is in the K-SERV system.

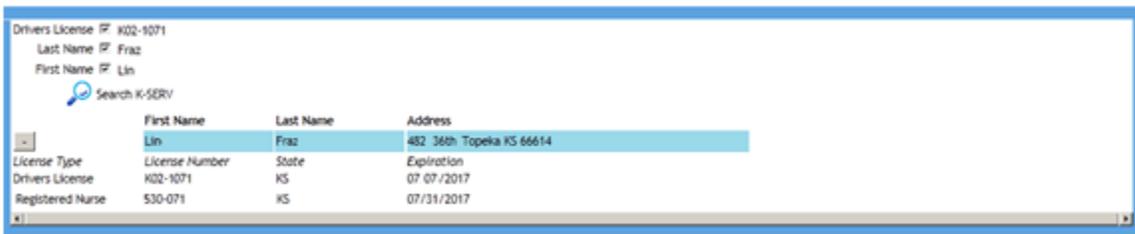


Search

Click on the Search K-SERV icon and the K-SERV database will be contacted.

NOTE: The personnel record must contain at a minimum a driver license number. If the driver license number is not found in the database a search will be performed for the last name and the first name.

When the record is located the results of the search will be displayed. The results may include the driver license number, first name, last name, address and any licenses, with certification and expiration attributes, that are included with the personnel record.



Additional search functionality is available from the Search screen. You may uncheck Driver License to search for the First and Last Name only or you may Uncheck the Last Name and the First Name and search for the Driver License only.

If the record is not found the search screen will appear with the message 'No Record Found'.

K-SERV Verified



When a record is found and you return to the Qualifications tab the K-SERV Verified box will be available and you may place a check in the box. Note: The verification does not automatically check the K-SERV Verified box.

Equipment Record

Resource Manager Web has an Equipment Record which allows you to store vital Equipment Information and Qualifications.

Equipment tab

The areas in **RED** are required

- **Organization.** Use the dropdown menu and choose the organization that owns the equipment. As you type in the Organization name the autofill functionality will display possible matches.
- **Equipment ID.** This must be a unique ID number and is limited to 15 characters. Note: You may have only one piece of equipment in an organization with this EID. This EID may be used in any other organization within the database.
- **Description.** This is limited to 25 characters.
- **Mfg Make.** This is limited to 25 characters.
- **Model.** This is limited to 25 characters.
- **Mfg Year.** This is limited to 4 numeric characters.
- **Type.** From the dropdown you may choose Aerial, Engine or Other. You may also leave it blank.
- **In Service Date.** Type in the date or use the down arrow and a calendar will appear.
- **Picture.** Click on browse and the Choose File to Upload screen will appear. Navigate to the picture that you wish to import. The picture will be added after you click on Submit.

Qualifications Tab

See the Personnel Record - Qualifications Tab section for functionality information.

Location Tab

The information on the location tab is not required

- **Longitude.** This field is in decimal degree format and has a maximum of 8 decimal fields. (e.g., -77.008889 for the United States Capitol)
- **Latitude.** This field is in decimal degree format and has a maximum of 8 decimal fields. (e.g., 38.889722 for the United States Capitol)
- **NIMS Type.** Choose a NIMS Type from the dropdown is applicable.
- **Status.** Choose the Status from the dropdown if applicable.

- Deployable. Check the box if you wish to make the equipment available to the web service that shares information with other systems.
- Cost Code. The cost code is a 4 digit number that is assigned to a piece of equipment
- FEMA. This icon is a link to the FEMA Cost Code website.
- Rate. The rate is in dollars and cents format with a minimum of \$0 and a maximum of \$9,999,999.00.
- Unit of Measure. Choose the Unit of Measure from the dropdown.

Assignment Record

Resource Manager Web is preloaded with assignments from the Incident Command System (ICS) an important component of the National Incident Management System (NIMS). These assignments are the functions that personnel will be given at an event.

You may add additional assignments according to your specific needs.

Assignment tab

The areas in **RED** are required.

- **Organization.** Choose from the dropdown. As you type in the Organization name the autofill functionality will display possible matches.
- **Name.** The limit is 50 characters
- **Level.** Choose the level from the dropdown.

Organization Record

Resource Manager Web has an Organization Record which allows you to store Organization information as well as notes and a logo.

Organization Record Form Fields:

- Name:** This field is required.
- Identity Code:** This field is required.
- Type:** Please select... This field is required.
- Country:** Please select... This field is required.
- State:** Please select... This field is required.
- Parent Organization:** Anytown FD

Organization tab

The areas in **red** are required.

- **Name.** The Organization Name is limited to 50 characters. NOTE: You may have more than one organization with the same name however this may be confusing when you use the additional functionality of the software (e.g., Person records, Equipment records)
- **Identity Code.** The Identity Code is limited to 15 characters and should be unique to identify this organization from others (e.g., NFIRS). Within a State two organizations may not have the same Organization ID and Type.
- **Type.** Choose the Type from the dropdown
- **Country.** Choose the Country from the dropdown
- **State.** Choose the State from the dropdown
- **Parent Organization.** As you type in the Parent Organization name the autofill functionality will display possible matches. When complete this will provide the parent-child relationship for the two organizations.

Address tab

The Address information is not required.

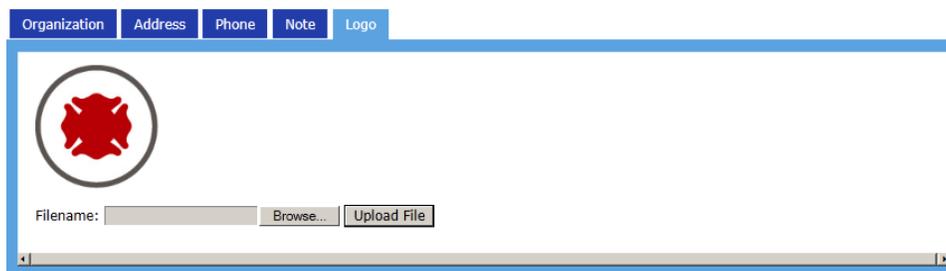
Phone tab

The Phone information is not required.

Notes tab

Notes are not required.

Logo tab



The Logo is not required.

Click on the Browse button, navigate to the logo that you wish to import and click on **Open**. Click on the **Upload File** button.

Print

The print control, which is a separate piece of software, loads local designs which are visible in Resource Manager Web when printing People, Equipment and Assignments. You may also choose to create your own design with ID designer. ID designer is a separate piece of software that must be installed separately.

Designs that you create in ID designer will automatically appear in Resource Manager Web if ID Designer is installed on the same machine as the Print Control. If installed to separate machines, designs must be manually moved to the printing machine.

Loading the Print Control

The print control is a separate piece of software that works in conjunction with Resource Manager Web to allow a variety of printed formats.

To load the print control:

- Obtain the software from Salamander or authorized Salamander dealer
- Run the **setup.exe** on the client computer attached to the printer.
- After install completes, login to Resource Manager Web through an **Internet Explorer (IE)** browser. (note: The print control utilizes an Active X control which is only supported on IE)
- In IE under the **Tools** menu open **Internet Options**
- From Internet Options open the **Security tab**
- Highlight '**Trusted Sites**' and press the **Sites** button
- The Resource Manager Web URL will be listed in the 'Add this website to the zone:'. Press **Add** and then press **Close**.
- Press **OK** to exit Internet Options
- If required, re-login to Resource Manager Web
- Select a resource (person, equipment, or assignment) and press **Print**
- Enter the software license key (provided by Salamander or authorized dealer) and press **Activate**. Print control setup complete.

The Print Control product must be installed on the computer viewing Resource Manager Web in order to print.

To print one or many personnel, equipment, or assignments records, use the selected checkbox to choose records, and then press the print icon at the top of the screen.

Print screen

You may choose to print personnel, equipment or assignments.

- Printer. Choose a printer from the dropdown.
- Design. Choose a design from the dropdown.
- Copies. You may choose to print up to 5 copies.
- Starting Record Number. This allows you to choose the start location if the print design allows more than one ID tag per page.
- Use existing issue & expire dates. Pulls issue and expire date from the database record and applies it to the current print.
- Issued. Check the box and using the down arrow choose a date. This date is not required. When the ID tag is printed it will automatically use the current date which will appear on the person's record.
- Expires. Check the box and using the down arrow choose a date. This date is not required. If it is used it will appear on the person's record.

Click on the **Print** icon to print the record(s).

Security

To access the Security function click on the **Security** icon in the upper left hand corner of the page.



Security Sections

Security opens to the user list. The User drop down button provides the ability to switch between viewing Users and Roles.

Roles

The Roles list provides information on all of the Roles (permissions) that are currently available. You may add additional Roles and edit current Roles. You may delete a Role when you are in edit mode.

Add, Edit or Delete Roles

Add. Click on the **Add** icon to add a new Role

Edit. Click on any field in the role list to open role details for editing.

Type in the **Description** and check the boxes that represent the security status that you wish this Role to possess.

- Organization. The ability to manage organizations.
- Responder: Basic Info. The ability to manage responder person tab (name, rank, organization).
- Responder: Medical Info. The ability to manage responder medical details (allergies, medications ect..)
- Responder: Personnel Info. The ability to manage personal and emergency contact information
- Equipment. The ability to manage equipment
- Assignment. The ability to manage assignments
- Company. Does not apply to Resource Manager Web
- Qualification. The ability to manage the master assignment selection lists.
- Qualification Tree. The ability to organization existing qualifications into groups.
- Security: User Access. The ability to manage system users.
- Security: Role Definition. The ability to manage permission groupings.
- Reference Data. The ability to save new rank, title or suffix values into the database for future use.
- Id Verification Queue. Does not apply to Resource Manager Web
- Issuer Management. The ability to manage smart phone issuers and print options.

Note: The permissions needed to use InterTrax exchange are Organization Read and Organization Update.

Submit. Click on the **Submit** icon to save the Role

Delete. Click on the **Delete** icon to delete the Role

Users

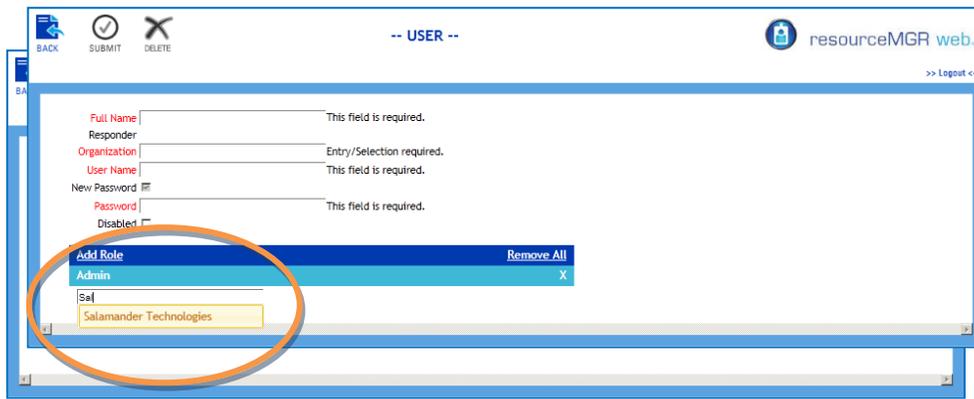
The User list provides information on all of the users that are currently setup in the database. You may **Add** a new user or **Edit** a current user. You may also **Delete** a user when you are in Edit mode.

Add, Edit or Delete User

Add. Click on the **Add** icon to add a new User

Edit. Click on any field in the user list to open a user for editing.

User screen



- **Full Name.** As you type in the Full Name, the autofill functionality will display possible matches. This field is required and will link an existing personnel record (if found) to this user account. This link is necessary for the Smart Phone App to be operational. NOTE: The Full Name does not have to be in the personnel record.
- **Responder.** If the Full Name matches an existing personnel record the Responder information will autofill. If it does not match a record the Responder information will remain blank.
- **Organization.** If the Full Name matches an existing personnel record the Organization will autofill. If it does not match a record you may type in an Organization name.

As you type in the Organization name the autofill functionality will display possible matches.

- **User Name.** Type in the User Name. It is required when logging into Resource Manager Web or the Smart Phone App.
- **New Password.** Check if you wish to change the password.
- **Password.** Type in a Password. It is required when logging into Resource Manager Web or the Smart Phone App.
- **Disabled.** Check to disable the user's security access.

Add Role. You may select the Roles (permissions) the user may have. You may select multiple roles.

- Click on Add Role and a list of available Roles will appear.
- Click on a Role and the Role will appear with a blank box immediately below it in which you should type an Organization name.
- As you type in the Organization name the autofill functionality will display possible matches.

resourceMGR web. >> Logout <<

BACK SUBMIT DELETE -- USER --

Full Name This field is required.
 Responder
 Organization Entry/Selection required.
 User Name This field is required.
 New Password
 Password This field is required.
 Disabled

Add Role	Remove All
Admin	X
Salamander Technologies	X
<input checked="" type="checkbox"/> Include All Children	X

Once you have entered the appropriate Organization, the **Include All Children** option will appear. Check the box if you wish the user to have access to all child organizations of the listed organization. This will be true for all current children and any children that may be added in the future.

X. This allows you to remove the role and the organization

Remove All. This allows you to clear all of the user's security Roles.

Submit. Click on the **Submit** icon to save the user

Delete. Click on the **Delete** icon to delete the user

Batch User Management

Check the boxes representing the users whom you would like to manage security access, and click on the **Edit +** icon.

From the batch management screen select the action to apply.

Send Invitations. Create a unique security token, and send an email invite to the responder attached to the user account allowing the user to connect to their personnel record from a smart phone.

Remove Invitation. Removes the unique security token from the user account.

Enable Accounts. Enables or re-activates a disabled user account.

Disable Accounts. Disables or de-activates an enabled user account.

The screen will display if an action can be performed on the record using either a Red X, or a green checkmark.

Red X = action cannot be performed on the record

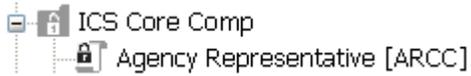
Green checkmark = action can be performed

Press the **Apply** button to perform the batch process.

Quals Button



Resource Manager web contains qualifications that may not be edited or deleted. They are preceded by lock icons



They represent the following:

- Tier 1 NIMS National Resource Typing Definitions,
- Tier 1 NIMS National Emergency Responder Credentialing System (NERCS) Job Titles,
- FEMA Incident Management Systems Division's (IMSD) Incident Command System (ICS) Core Competencies
- Qualifications that were distributed with *fireTRAX*® Host 1.8

Qualifications

Filter

Prior to adding a new Qualification you may wish to search the database to ensure the qualification does not already exist.

- Field - Choose a field to filter on from the dropdown.
- Operation - Choose a matching type from the dropdown.
- Like - Displays records matching any characters that you have entered.
- Startwith - Displays records that start with the characters that you have entered.
- In - Allows drop down selection from values existing in the database.
- Exclude - Displays records that do not contain the characters that you have entered.
- EQ - Displays records that are an exact match to the characters that you have entered.
- Value - Type in the information for which you would like to search.
- Apply - Click the button and any record that matches the search criteria will appear.

— Remove - Click on remove when you have finished your search.

Add a New Qualification

Click on the **Add** button

The Add Qualification screen will appear. All of the information is required.

The screenshot shows a web form for adding a new qualification. The form is titled "(Save)" and has a close button "X". It contains several required fields: "Code", "Description", "Organization", "Kind", and "NIMS Type", each with a "This field is required." message. There are also checkboxes for "Qualification Elements", "Certification Number", "Expiration Date", and "Issue Date". At the bottom, there is a pagination control showing "Items per page: 5" and "GoTo: 6".

— Code. The Code is limited to 10 characters.

— Description. The Description is limited to 50 characters.

— Organization. As you begin to type a dropdown of the available organizations will appear. If a qualification is initially entered by a parent organization all of the child organizations will have access to the qualification. If one of the children organizations chooses to setup a qualification, access to that qualification will be limited to that organization.

— Kind. Choose from the dropdown

— NIMS Type. Choose from the dropdown

— Qualification Elements. Check the boxes for those that you would like to include in the record.

Click on (**Save**).

The Qualification will appear on the Qualification list.

Delete a New Qualification

Locate the qualification using the filter functionality.

Click on the **Edit** icon.

Click on **(Delete)**

Edit	Selected	Description	Code	Kind	NIMS Type	Organization
	<input type="checkbox"/>	Description of Unique Code	UniqueCode	Other	Other	Moosewood Fire Department

(Save) (Delete) X

Code: UniqueCode

Description: Description of Unique Code

Organization: Moosewood Fire Department

Kind: Other

NIMS Type: Other

Qualification Elements

Certification Number

Expiration Date

Issue Date

Discipline tab

The Qualifications are in tree format. The initial screen, Qualification Disciplines, is locked and may not be edited.

The Disciplines include the 15 Emergency Support Functions (ESF) as defined by FEMA and Local, State, Regional, and Other.

Disciplines are used for organizational purposes only.

Disciplines are not qualifications.

Groups

Each discipline can be further organized with Groups.

Groups are not qualifications.

Groups may be added however they are not required.

The Groups used to organize the ESFs may not be edited or deleted and include:

- NERCS (National Emergency Responder Credentialing System) - FEMA
- Typed Resources - FEMA

- The ICS Core Competencies (located in ESF #5 Emergency Management) – FEMA Incident Management Systems Division (IMSD)

The Groups used to organize the Other Discipline may not be edited or deleted and include:

- Education
- Equipment
- Personnel

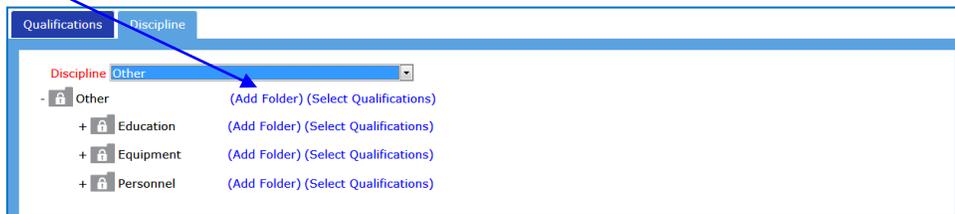
Note: The original qualifications from fireTRAX Host are in the Other Discipline.

Add a New Group

You may add a Group to a Discipline or to a Group.

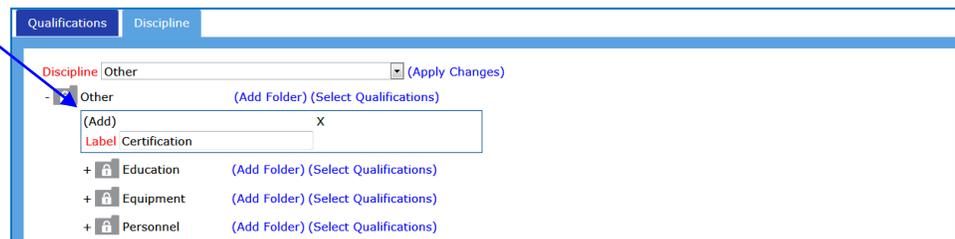
Note: For SaaS users, the preference is for accounts to create groups under 'LOCAL' or 'REGIONAL' sections of the tree.

Click on **(Add Folder)**



Type in the **Name**.

Click on **(Add)**.



Delete a New Group



Click on the Red X to the right of the Group.

Add Qualifications to a Discipline or a Group

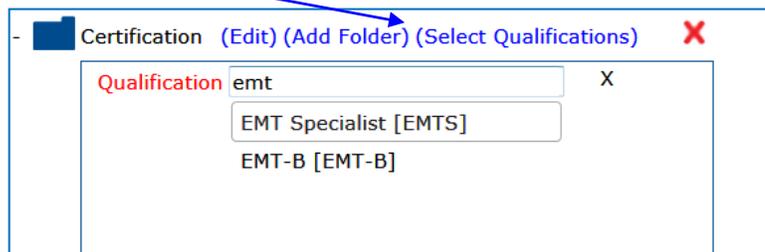
NOTE: If the qualification does not currently exist in the database you must click on the Qualifications tab and add the qualification prior to adding it to a Discipline or a Group.

You may add a qualification or numerous qualifications in two ways.

The first method is best used when adding one qualification. The second method provides a quick way to add one or many qualifications.

Method 1

Click on **(Select Qualifications)**



Type the qualification name.

The qualifications that are available in the database will appear in a dropdown.

Choose a qualification and it will be added to the Discipline or the Group.

Method 2

On the **Qualification tab**, check the box or boxes for the qualification(s) or click on Selected to check all of the boxes for the qualifications that you wish to add to a Discipline or Group.

Field	Operation	Value
ADD		APPLY
Clear Selections		
Edit	Selected	Description
<input type="checkbox"/>	<input type="checkbox"/>	100 gallon tank
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1000 gallon tank
<input type="checkbox"/>	<input type="checkbox"/>	1000 gpm pump
<input type="checkbox"/>	<input type="checkbox"/>	10gpm@100psi
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	115 ft ground ladder

Code	Kind	NIMS Type	Organization
100gal	Equipment	None	Salamander Technologies Inc.
1000gal	Equipment	None	Salamander Technologies Inc.
1000gpm	Equipment	None	Salamander Technologies Inc.
10@100	Equipment	None	Salamander Technologies Inc.
115GRD	Equipment	None	Salamander Technologies Inc.

Items per page: 5 << < 1 2 3 4 5 > >> GoTo: 6

Click on the **Discipline** tab

Click on **(Select Qualifications)** for the Discipline or Group. The Qualifications that were checked on the Qualification tab will appear.

resourceMGR web...

Qualifications Discipline

Discipline Other (Apply Changes)

- Other (Add Folder) (Select Qualifications)
 - + Education (Add Folder) (Select Qualifications)
 - + Equipment (Add Folder) (Select Qualifications)
 - + Personnel (Add Folder) (Select Qualifications)

The Qualifications that you have checked will appear. NOTE: You may choose to uncheck any of the qualifications prior to adding them.

Click on the **Add Selected Qualifications** button.

Qualification x

Add Selected Qualifications Clear Selections

Selected	Description
<input checked="" type="checkbox"/>	1000 gallon tank [1000gal]
<input checked="" type="checkbox"/>	115 ft ground ladder [115GRD]

Save Changes

Changes to the discipline tree are saved automatically.

Issuer

The >>Issuer<< feature allows a website administrator to manage the connection to Resource Manager Web SaaS for smart phone connectivity. The feature also contains the system wide printing options.

Issuer Tab

The issuer tab shows the URL that must be shared with Salamander to enable smart phones to connect to personnel records. (This only applies to self-hosted Resource Manager Web installations. SaaS users have this connectivity automatically).

Manage Issuers Tab

Manage issuers tab allows Salamander to add privately hosted Resource Manager Web accounts to our SaaS system. This link allows smart phones connecting to Salamander's SaaS site to be properly routed to the privately hosted site. (This feature is only used by Salamander and will have no effect if modified on privately hosted Resource Manager Web accounts).

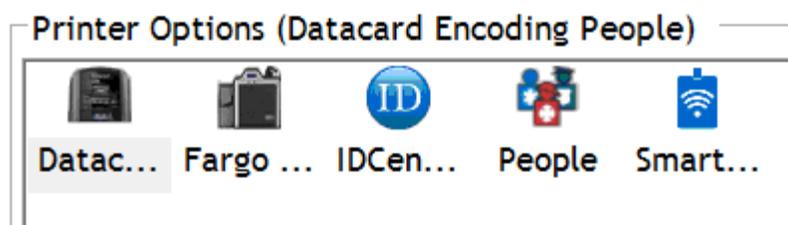
Printing Tab

The printing tab allows a website administrator to determine what types of print options website users have visibility to. Selection in this screen does not determine which users can print, but rather what options display in the print dialog when it appears.

Selections in the printing setup screen must be made before a user with a print control can begin printing. (Applies to self-hosted Resource Manager Web accounts only)

The options include:

- Fargo or Datacard Printers with supported Smart Card encoder (single job print & encode)
- Datacard IDCentre designs
- Salamander ID Designer designs
- Smart Card encoder (encode only)



Connect to Personnel Record via Smart Phone

Salamander offers responders the ability to electronically link their smart phone to their personnel record. The feature supports Android or Apple smart phones. The smart phone connects to Resource Manager Web in real time ensuring the phone always has the most current information.

During an incident or event, the smart phone acts as an enhanced credential with the ability to display a scan-able personnel barcode directly on the screen for accountability tracking.

Send Invitation

To enable responders to connect to their record from a smart phone, the system administrator must send invitations from Resource Manager Web.

To send invitations:

- Ensure Personnel records contain a valid email address. The **Personnel Contact Detail** report will display personnel with and without email addresses for ease of inspection.
- Select desired personnel from the Responder list using the Selected column (check boxes)
- Press the Security button (upper left hand corner)
- From the Batch Security screen select **Send Invitations** from the options list. The Status will update with either a Red X or Green Checkmark indicating if the operation can be performed.
- Press the **Apply** button to send invitations. The screen will be updated to display an **Invite Token** for the responder record. Each responder is emailed automatically.
- Press the back button to exit batch security.

Connect on the Phone

The connection from the phone requires a small annual subscription paid by the phone owner.

Once the responder receives their email invitation they will perform the following steps:

- Open the email on the phone
- Follow the in email link to download the Salamander App (skip if already downloaded)
- After download, press the in email link to Activate Token. When presented with application choice, select Salamander App
- From the sign in screen of the Salamander App create a new username and password.
- Complete the paid subscription process and receive access to the app and personnel record details.

Self-Hosted Installation – Quick Start Guide

Applies to non-SaaS customers only

Prior to using **Resource Manager Web** it is important to identify:

- The website administrator who will be responsible for organization setup, qualification setup and security/user group account setup
- The Organizations or Departments that will be given access to the website
- The Organization parent-child relationships
- The users and the permission levels for the users that will be given access to the website
- The region specific qualifications
- The card production locations

When configuring Resource Manager Web after initial install, the following tasks need to be performed:

- Default Login - The default login is user: admin, password: admin. After gaining access to the site, for security purposes it is recommended that the default password be changed. See [Change Password](#)
- Configure print options – See [Printing Tab](#)
- Create organizations / departments – an organization context is required to segment users of the system. Creating your high level organizations will allow security to be configured more efficiently. See [Organizations](#)
- Create permission level roles. See [Security](#)
- Create security users. See [Security](#)
- Add region specific qualifications. See [Qualifications](#)
- Load Print Control on card production workstations. See [Load Print Control](#)
- Begin using system

Resource Manager™ / Host Qualifications Comparison

InterTrax™ Resource Manager

InterTrax™ Resource Manager contains the qualifications that were distributed with *fireTRAX®* Host 1.8 and additional qualifications that represent the Tier 1 NIMS National Resource Typing Definitions, the Tier 1 NIMS National Emergency Responder Credentialing System (NERCS) Job Titles and the FEMA Incident Management Systems Division's (IMSD) Incident Command System (ICS) Core Competencies.

The qualifications in *fireTRAX®* Host 1.8 included some of the National Emergency Responder Credentialing System Job Titles. There were also a few pieces of equipment that included "Typed" in the definition. These were put in place as an interim solution until the NIMS Resource Typing Definitions could be added. If you are currently using the "Typed" resource definitions from *fireTRAX®* Host 1.8 for pieces of equipment and those pieces of equipment meet the National NIMS definitions you should add the new Typed Equipment qualification(s) from *InterTrax™* Resource Manager to the piece of equipment.

Organization Structure

InterTrax™ Resource Manager provides a tree organizational structure for qualifications that uses Disciplines, Groups and Qualifications.

Disciplines

Qualification Disciplines may not be edited. The disciplines include the 15 Emergency Support Functions (ESF) as defined by FEMA. In addition there are four other disciplines; Local, State, Regional, and Other.

Groups

Each Discipline can be further organized with Groups.

The Groups used to organize the ESFs include

- NERCS (National Emergency Responder Credentialing System) - FEMA
- Typed Resources - FEMA
- ICS Core Competencies (located in ESF #5 Emergency Management) – FEMA

The Groups used to organize the Other discipline include

- Education
- Equipment
- Personnel

Note: The original qualifications from fireTRAX® Host 1.8 are in the Other discipline.

Qualifications

Qualifications must be added to *InterTrax*[™] Resource Manager prior to adding them to the organizational tree. The qualification code is a unique identifier. Prior to adding a qualification it is necessary to verify that the code that you want to use is not in the database.

InterTrax[™] Resource Manager and fireTRAX[®] Host 1.8

The following tables are exported from fireTRAX[®] Host to Microsoft[®] Excel. The table has been sorted by Qualification Group ID. Under each fireTRAX[®] Host qualification group there is information on where the qualification may be found in the *InterTrax*[™] Resource Manager tree. The qualifications are also listed on the qualification list so that you can organize them in a different Discipline and/or Group if you choose.

Host 1.8 (legacy qualifications)

The following qualifications are located in the **Other Discipline** → **Personnel Group** - INVEST, VEHX, MAFF, INST, DRS, None, Personnel

The following qualifications are located in the **Other Discipline** → **Equipment Group** - BFOAM, MT, 500gpm, AFOAM, LDH, HAZK

Qual	QualificationGroupID	Qualification	Description
15		INVEST	Arson Investigator
23		VEHX	Vehicle Extrication
34		BFOAM	Class B Foam
41		MAFF	Mutual Aid Responder
40		MT	Medical Transport
14		INST	Fire Service Instructor
27		DRS	Dive Rescue Specialist
38		500gpm	500 gpm pump
33		AFOAM	Class A Foam
18		None	Unknown Qualifications
37		LDH	Large Diameter Hose
36		HAZK	Haz Cat Kit
35		95FT	95 foot ladder
39		Rope	Rope Rescue

Education

These qualifications are located in the **Other Discipline** → **Education Group**

Qual	QualificationGroupID	Qualification	Description
219	Education	0 ICS400	Advanced ICS
216	Education	0 IS700	FEMA NIMS An Introduction
218	Education	0 ICS300	Intermediate ICS
217	Education	0 IS800	FEMA National Response Plan (NRP) An Introduction
214	Education	0 ICS100	Introduction to ICS
215	Education	0 ICS200	Basic ICS

EMS

These qualifications are located in the **Public Health and Medical Services Discipline** → **NERCS EMS Group**

QualificationID	QualificationGroupID	Qual	Qualification	Description
158	EMS	0	ETRAUL	EMS Transportation Unit Leader
151	EMS	0	AMTPIL	Air Medical Transport Pilot
200	EMS	0	EMT_P	Paramedic
147	EMS	0	AMTMAN	Air Medical Transport Manager
148	EMS	0	AMTMEC	Air Medical Transport Mechanic
150	EMS	0	AMTPAR	Air Medical Transport Paramedic
199	EMS	0	EMT_	Emergency Medical Technician (EMT)
152	EMS	0	AMTRN	Air Medical Transport Registered Nurse
153	EMS	0	EMR	Emergency Medical Responder
154	EMS	0	EVO	Emergency Vehicle Operator
155	EMS	0	EVOH	Emergency Vehicle Operator - Heavy
156	EMS	0	EMSDR	EMS Physician
157	EMS	0	ETRAGS	EMS Transportation Group Supervisor
160	EMS	0	ETRIUL	EMS Triage Unit Leader
161	EMS	0	MBD	Medical Branch Director
162	EMS	0	MGS	Medical Group Supervisor
163	EMS	0	MSC	Medical Supply Coordinator
149	EMS	0	AMTMED	Air Medical Transport Medical Director
159	EMS	0	ETREUL	EMS Treatment Unit Leader

EMT

These qualifications are found in the **Other Discipline** → **Personnel Group**

Qual	QualificationGroupID	Qual	Qualification	Description
2	EMT	3	EMTS	EMT Specialist
1	EMT	2	EMT	Basic EMT
3	EMT	4	EMTP	Paramedic
17	EMT	1	MFR	Medical First Responder

Equipment

These qualifications can be found in the **Other Discipline** → **Equipment Group**

QualificationID	QualificationGroupID	Qua	Qualification	Description
164	Equipment	0	1750gpm	1750 gpm pump
165	Equipment	0	1500gpm	1500 gpm pump
166	Equipment	0	1000gpm	1000 gpm pump
167	Equipment	0	300gpm	300 gpm pump
168	Equipment	0	120gpm	120 gpm pump
169	Equipment	0	70gpm	70 gpm pump
170	Equipment	0	50gpm	50 gpm pump
171	Equipment	0	1750gal	1750 gallon tank
172	Equipment	0	1500gal	1500 gallon tank
173	Equipment	0	1250gal	1250 gallon tank
174	Equipment	0	1000gal	1000 gallon tank
175	Equipment	0	750gal	750 gallon tank
176	Equipment	0	450gal	450 gallon tank
177	Equipment	0	400gal	400 gallon tank
178	Equipment	0	350gal	350 gallon tank
179	Equipment	0	250gal	250 gallon tank
180	Equipment	0	200gal	200 gallon tank
181	Equipment	0	150gal	150 gallon tank
182	Equipment	0	125gal	125 gallon tank
183	Equipment	0	100gal	100 gallon tank
184	Equipment	0	50gal	50 gallon tank
185	Equipment	0	150@250	150gpm@250psi
186	Equipment	0	50@100	50gpm@100psi
187	Equipment	0	30@100	30gpm@100psi
188	Equipment	0	10@100	10gpm@100psi
189	Equipment	0	50FT	50 ft aerial
190	Equipment	0	75FT	75 ft aerial
191	Equipment	0	500ES	500 gpm elevated stream
192	Equipment	0	115GRD	115 ft ground ladder

Fire HazMat

These qualifications can be found in the **Firefighting Discipline** → **NERCS FHM Group**

Qual	QualificationGroupID	Qua	Qualification	Description
103	Fire HazMat	0	PSTL_II	Public Safety Telecommunicator I/II
102	Fire HazMat	0	PEI_II	Plans Examiner I/II
101	Fire HazMat	0	FINSIII	Fire Inspector III
100	Fire HazMat	0	FINSII	Fire Inspector II
99	Fire HazMat	0	FINSI	Fire Inspector I
98	Fire HazMat	0	FADO	Fire Apparatus Driver/Operator
104	Fire HazMat	0	WFFI	Wildland Firefighter I
97	Fire HazMat	0	EVT	Emergency Vehicle Technician
96	Fire HazMat	0	ARFF	Airport Firefighter
106	Fire HazMat	0	WUIPS	Wildland/Urban Interface Protection Specialist
193	Fire HazMat	0	FF_I	Firefighter I
194	Fire HazMat	0	FF_II	Firefighter II
195	Fire HazMat	0	FO_I_II	Fire Officer I & II (Company Unit)
196	Fire HazMat	0	FO_III_IV	Fire Officer III & IV (Command)
197	Fire HazMat	0	WFO_I	Wildland Fire Officer I
198	Fire HazMat	0	WFO_II	Wildland Fire Officer II
105	Fire HazMat	0	WFFII	Wildland Firefighter II
228	Fire HazMat	0	HAZT	HazMat Technician
226	Fire HazMat	0	HAZO	HazMat Officer
227	Fire HazMat	0	HAZSO	HazMat Safety Officer

Fire Officer

These qualifications can be found in the **Other Discipline** → **Personnel Group**

Qual	QualificationGroupID	Qualification	Description
7	Fire Officer	1 FOI	Fire Officer 1
9	Fire Officer	3 FOIII	Fire Officer 3
8	Fire Officer	2 FOII	Fire Officer 2

Firefighter

These qualifications can be found in the **Other Discipline** → **Personnel Group**

Qual	QualificationGroupID	Qualification	Description
6	Firefighter	3 FFIII	Firefighter 3
5	Firefighter	2 FFII	Firefighter 2
4	Firefighter	1 FFI	Firefighter 1

Hazmat

These qualifications can be found in the **Other Discipline** → **Personnel Group**

Qual	QualificationGroupID	Qualification	Description
11	Hazmat	2 HMO	Haz-Mat Operations
10	Hazmat	1 HMA	Haz-Mat Awareness
12	Hazmat	3 HMT	Haz-Mat Technician

ICS

These qualifications can be found in the **Other Discipline** → **Personnel Group**

Qual	QualificationGroupID	Qualification	Description
21	ICS	STL	Strike Team Leader
20	ICS	RIT	Rapid Intervention Team
19	ICS	PIO	Public Information Officer
16	ICS	LOG	Logistics Officer
13	ICS	IC	Incident Commander Qualified
22	ICS	TFL	Task Force Leader

Public Works

These qualifications can be found in the **Public Works and Engineering Discipline** → **NERCS PW Group**

QualificationID	QualificationGroupID	Qu	Qualification	Description
53	Public Works	0	SE	Structural Engineer
54	Public Works	0	USRM	Utility Systems Reconstruction Manager
55	Public Works	0	WWCM	Wastewater Collection Manager
56	Public Works	0	WWSM	Wastewater System Manager
52	Public Works	0	QAP	Quality Assurance Personnel
58	Public Works	0	WDM	Water Distribution Manager
46	Public Works	0	DRM	Debris Removal Manager
60	Public Works	0	WTM	Water Treatment Manager
57	Public Works	0	WWTM	Wastewater Treatment Manager
51	Public Works	0	PWD	Public Works Director
50	Public Works	0	EO	Equipment Operator
49	Public Works	0	EDM	Engineering Division Manager
47	Public Works	0	DSM	Debris Site Manager
45	Public Works	0	DCS	Debris Collection Supervisor
44	Public Works	0	CFE	Civil/Field Engineer
43	Public Works	0	APWDO	Assistant Public Works Director Operations
42	Public Works	0	APWDL	Assistant Public Works Director Logistics
59	Public Works	0	WSM	Water System Manager
48	Public Works	0	EBM	Engineering Branch Manager

Search & Rescue

These qualifications can be found in the **Search and Rescue Discipline** → **NERCS SAR Group**

QualificationID	QualificationGroupID	Qu	Qualification	Description
88	Search & Rescue	0	WCSCM	Water Canine Search Manager
80	Search & Rescue	0	SCST	Structural Collapse Search Technician
81	Search & Rescue	0	SFRM	Swiftwater/Flood Rescue Manager
82	Search & Rescue	0	SFRT	Swiftwater/Flood Rescue Technician
83	Search & Rescue	0	SFRTBB	Swiftwater/Flood Rescue Technician Boat Bowman
84	Search & Rescue	0	SFRTBO	Swiftwater/Flood Rescue Technician Boat Operator
85	Search & Rescue	0	SFRTS	Swiftwater/Flood Rescue Tech Specialist (ADR)
79	Search & Rescue	0	SCSM	Structural Collapse Search Manager
87	Search & Rescue	0	SFRUL	Swiftwater/Flood Rescue Unit Leader
89	Search & Rescue	0	WCST	Water Canine Search Technician
61	Search & Rescue	0	DCSCSM	Disaster Collapsed Structure Canine Search Manager
90	Search & Rescue	0	WASCSCM	Wilderness Air Scent Canine Search Manager
94	Search & Rescue	0	WSRT	Wilderness Search and/or Rescue Technician
92	Search & Rescue	0	WSRM	Wilderness Search and/or Rescue Manager
93	Search & Rescue	0	WSRTS	Wilderness Search and/or Rescue Tech Spec (ADR))
95	Search & Rescue	0	WSRUL	Wilderness Search and/or Resuce Unit Leader
86	Search & Rescue	0	SFRTAR	Swiftwater/Flood Rescue Tech Animal Rescue
64	Search & Rescue	0	HSRSCC	Helicopter Search and/or Rescue Crew Chief
91	Search & Rescue	0	WASCST	Wilderness Air Scent Canine Search Technician
78	Search & Rescue	0	SCRT	Structural Collapse Rescue Technician
62	Search & Rescue	0	DCSCSTS	Disaster Collap Struct Canine Srch Tech Spec (ADR)
63	Search & Rescue	0	DCSCST	Disaster Collapsed Structure Canine Search Tech
65	Search & Rescue	0	HSRP	Helicopter Search and/or Rescue Pilot
66	Search & Rescue	0	HSRT	Helicopter Search and/or Rescue Technician
67	Search & Rescue	0	HRCSCM	Human Remains Canine Search Manager
68	Search & Rescue	0	HRCSTS	Human Remains Canine Srch Tech Specialist (ADR)
76	Search & Rescue	0	MSRT	Medical Search and/or Rescue Technician
70	Search & Rescue	0	MSRM	Mountain Search and/or Rescue Manager
71	Search & Rescue	0	MSRTS	Mountain Search and/or Rescue Tech Spec (ADR)
72	Search & Rescue	0	MSRUL	Mountain Search and/or Rescue Unit Leader
73	Search & Rescue	0	ESTSARM	Emergency Services Technical SAR Manager
74	Search & Rescue	0	ESTSART	Emergency Services Technical SAR Technician
75	Search & Rescue	0	LSRT	Logistics Search and/or Rescue Technician
69	Search & Rescue	0	HRCST	Human Remains Canine Search Technician
77	Search & Rescue	0	SCRM	Structural Collapse Rescue Manager

Typed Fire HazMat Equipment

These qualifications can be found in the **Other Discipline** → **Equipment Group**

QualificationID	QualificationGroupID	Qu	Qualification	Description
205	Typed Fire HazMat Equipment	0	ET5	Engine Type 5
204	Typed Fire HazMat Equipment	0	ET4	Engine Type 4
203	Typed Fire HazMat Equipment	0	ET3	Engine Type 3
202	Typed Fire HazMat Equipment	0	ET2	Engine Type 2
201	Typed Fire HazMat Equipment	0	ET1	Engine Type 1
211	Typed Fire HazMat Equipment	0	TT2	Tender Type 2
212	Typed Fire HazMat Equipment	0	TT3	Tender Type 3
209	Typed Fire HazMat Equipment	0	AT2	Aerial Type 2
210	Typed Fire HazMat Equipment	0	TT1	Tender Type 1
208	Typed Fire HazMat Equipment	0	AT1	Aerial Type 1
206	Typed Fire HazMat Equipment	0	ET6	Engine Type 6
207	Typed Fire HazMat Equipment	0	ET7	Engine Type 7

Typed Incident Management Personnel

These qualifications can be found in the **Emergency Management Discipline** → **NERCS IM Group**

QualificationID	QualificationGroupID	Qu	Qualification	Description
129	Typed Incident Management Personnel	0	OPSSCT3	Operations Section Chief (Type 3)
139	Typed Incident Management Personnel	0	PIOT3	Public Information Officer (Type 3)
144	Typed Incident Management Personnel	0	SOT3	Safety Officer Type 3
134	Typed Incident Management Personnel	0	PLANSCT3	Planning Section Chief (Type 3)
124	Typed Incident Management Personnel	0	LOGSCT3	Logistics Section Chief (Type 3)
119	Typed Incident Management Personnel	0	LNOT3	Liaison Officer (Type 3)
109	Typed Incident Management Personnel	0	FINSCT3	Finance/Administration Section Chief (Type 3)
114	Typed Incident Management Personnel	0	ICT3	Incident Commander (IC) (Type 3)

Typed Wildland Fire Officer

These qualifications can be found in the **Other Discipline** → **Personnel Group**

Qual	QualificationGroupID	Qu	Qualification	Description
24	Wildland Fire Officer	1	WFOI	Wildfire Officer 1
25	Wildland Fire Officer	2	WFOII	Wildfire Officer 2
26	Wildland Fire Officer	3	WFOIII	Wildfire Officer 3

InterTrax™ Resource Manager Qualification List Organized by Code

10@100	10gpm@100psi	Tier 2	Equipment
1000gal	1000 gallon tank	Tier 2	Equipment
1000gpm	1000 gpm pump	Tier 2	Equipment
100gal	100 gallon tank	Tier 2	Equipment
115GRD	115 ft ground ladder	Tier 2	Equipment
120gpm	120 gpm pump	Tier 2	Equipment
1250gal	1250 gallon tank	Tier 2	Equipment
1250gpm	1250 gpm pump	Tier 2	Equipment
125gal	125 gallon tank	Tier 2	Equipment
150@250	150gpm@250psi	Tier 2	Equipment
1500gal	1500 gallon tank	Tier 2	Equipment
1500gpm	1500 gpm pump	Tier 2	Equipment
150gal	150 gallon tank	Tier 2	Equipment
1750gal	1750 gallon tank	Tier 2	Equipment
1750gpm	1750 gpm pump	Tier 2	Equipment
2000gal	2000 gallon tank	Tier 2	Equipment
200gal	200 gallon tank	Tier 2	Equipment
250@150	250gpm@150psi	Tier 2	Equipment
250gal	250 gallon tank	Tier 2	Equipment
30@100	30gpm@100psi	Tier 2	Equipment
300gal	300 gallon tank	Tier 2	Equipment
300gpm	300 gpm pump	Tier 2	Equipment
350gal	350 gallon tank	Tier 2	Equipment
400gal	400 gallon tank	Tier 2	Equipment
450gal	450 gallon tank	Tier 2	Equipment
50@100	50gpm@100psi	Tier 2	Equipment
500ES	500 gpm elevated stream	Tier 2	Equipment
500gal	500 gallon tank	Tier 2	Equipment
500gpm	500 gpm pump	Tier 2	Equipment
500gpmes	500 gpm elevated stream	Tier 2	Equipment
50FT	50 ft aerial	Tier 2	Equipment
50FT A	50 FT Aerial Ladder	Tier 2	Equipment
50gal	50 gallon tank	Tier 2	Equipment
50gpm	50 gpm pump	Tier 2	Equipment
70gpm	70 gpm pump	Tier 2	Equipment
750gal	750 gallon tank	Tier 2	Equipment
750gpm	750 gpm pump	Tier 2	Equipment
75FT	75 ft aerial	Tier 2	Equipment
75FT A	75 Foot Aerial Ladder	Tier 2	Equipment
95FT	95 foot ladder	Tier 2	Equipment
AACLCC	Assistant Area Commander Logistics	Tier 1	
AACPCC	Assistant Area Commander, Planning	Tier 1	
AAFWTI	Air Ambulance (Fixed-Wing) Type I	Tier 1	
AAFWTII	Air Ambulance (Fixed-Wing) Type II	Tier 1	
AAFWTIII	Air Ambulance (Fixed-Wing) Type III	Tier 1	
AAFWTIV	Air Ambulance (Fixed-Wing) Type IV	Tier 1	

AARWTI	Air Ambulance (Rotary-Wing) Type I	Tier 1
AARWTII	Air Ambulance (Rotary-Wing) Type II	Tier 1
AARWTIII	Air Ambulance (Rotary-Wing) Type III	Tier 1
AARWTIV	Air Ambulance (Rotary-Wing) Type IV	Tier 1
ACACCC	Area Command Aviation Coordinator	Tier 1
ACBFBTI	Air Curtain Burners(Fire Box-Abv Grd, RW)Type I	Tier 1
ACBFBTII	Air Curtain Burners(Fire Box-Abv Grd, RW)Type II	Tier 1
ACBFBTIII	Air Curtain Burners(Fire Box-Abv Grd, RW)Type III	Tier 1
ACBFBTIV	Air Curtain Burners(Fire Box-Abv Grd, RW)Type IV	Tier 1
ACBFBTV	Air Curtain Burners(Fire Box-Abv Grd, RW)Type V	Tier 1
ACBFBTVI	Air Curtain Burners(Fire Box-Abv Grd, RW)Type VI	Tier 1
ACCC	Area Commander	Tier 1
ACHTI	Air Conditioner/Heater Type I	Tier 1
ACHTII	Air Conditioner/Heater Type II	Tier 1
ACHTIII	Air Conditioner/Heater Type III	Tier 1
ACHTIV	Air Conditioner/Heater Type IV	Tier 1
ACM	Animal Case Manager	Tier 1
ACRFWTI	Airborne Comms Relay (Fixed-Wing) (CAP) Type I	Tier 1
ACRFWTII	Airborne Comms Relay (Fixed-Wing) (CAP) Type II	Tier 1
ACRFWTIII	Airborne Comms Relay (Fixed-Wing) (CAP) Type III	Tier 1
ACRFWTIV	Airborne Comms Relay (Fixed-Wing) (CAP) Type IV	Tier 1
ACRTFWTI	Airborne Comms Relay Team (Fixed-Wing) Type I	Tier 1
ACRTFWTII	Airborne Comms Relay Team (Fixed-Wing) Type II	Tier 1
ACRTFWTIII	Airborne Comms Relay Team (Fixed-Wing) Type III	Tier 1
ACRTFWTIV	Airborne Comms Relay Team (Fixed-Wing) Type IV	Tier 1
ACRTTI	Air Curtain Burners(Trch Burner, In-Grd) Type I	Tier 1
ACRTTII	Air Curtain Burners(Trch Burner, In-Grd) Type II	Tier 1
ACRTTIII	Air Curtain Burners(Trch Burner, In-Grd) Type III	Tier 1
ACS	Animal Control Specialist	Tier 1
ACTFTI	Area Command Team, Firefighting Type I	Tier 1
ADE	Animal Disease Epidemiologist	Tier 1
AFOAM	Class A Foam	Tier 2 Equipment
AGO	Ambulances (Ground) Other	Tier 1
AGTI	Ambulances (Ground) Type I	Tier 1
AGTII	Ambulances (Ground) Type II	Tier 1
AGTIII	Ambulances (Ground) Type III	Tier 1
AGTIV	Ambulances (Ground) Type IV	Tier 1
AHS	Animal Handling Specialist	Tier 1
AIS	Animal Industry Specialist	Tier 1
AMTMAN	Air Medical Transport Manager	Tier 1
AMTMEC	Air Medical Transport Mechanic	Tier 1
AMTMED	Air Medical Transport Medical Director	Tier 1
AMTPAR	Air Medical Transport Paramedic	Tier 1
AMTPIL	Air Medical Transport Pilot	Tier 1
AMTRN	Air Medical Transport Registered Nurse	Tier 1
ANSTTI	Ancillary Sup Team (Lab, Phar, Rad Serv) Type I	Tier 1
ANSTTII	Ancillary Sup Team (Lab, Phar, Rad Serv) Type II	Tier 1

AO	Accountability Officer	Tier 2	Personnel
AOBDCC	Air Operations Branch Director	Tier 1	
APLARSTTI	Animal Protection Lg Animal Res Strike Team Type I	Tier 1	
APLASTTI	Animal Protection Lg Animal Shelterg Team Type I	Tier 1	
APLASTTII	Animal Protection Lg Animal Shelterg Team Type II	Tier 1	
APLASTTIII	Animal Protection Lg Animal Shelterg Team Type III	Tier 1	
APLATTTI	Animal Protection Lg Animal Transport Team Type I	Tier 1	
APRN	Advanced Practice Registered Nurse	Tier 1	
APSARSTTI	Animal Protection Sm Animal Res Strike Team Type I	Tier 1	
APSASTTI	Animal Protection Sm Animal Shelterg Team Type I	Tier 1	
APSASTTII	Animal Protection Sm Animal Shelterg Team Type II	Tier 1	
APSASTTIII	Animal Protection Sm Animal Shelterg Team Type III	Tier 1	
APSATTTI	Animal Protection Sm Animal Transport Team Type I	Tier 1	
APSM	Animal Premises Site Manager	Tier 1	
APWDL	Assistant Public Works Director - Logistics	Tier 1	
APWDO	Assistant Public Works Director - Operations	Tier 1	
ARCC	Agency Representative	Tier 1	
ARFF	Airport Firefighter	Tier 1	
ARFWTI	Airborne Reconnaissance (Fixed-Wing) Type I	Tier 1	
ARFWTII	Airborne Reconnaissance (Fixed-Wing) Type II	Tier 1	
ARFWTIII	Airborne Reconnaissance (Fixed-Wing) Type III	Tier 1	
ARFWTIV	Airborne Reconnaissance (Fixed-Wing) Type IV	Tier 1	
ArsonT	Arson Team	Tier 2	Personnel
ASGSCC	Air Support Group Supervisor	Tier 1	
ASM	Animal Shelter Manager	Tier 1	
ASTFWTI	Air Search Team (Fixed-Wing) Type I	Tier 1	
ASTFWTII	Air Search Team (Fixed-Wing) Type II	Tier 1	
ASTFWTIII	Air Search Team (Fixed-Wing) Type III	Tier 1	
ASTFWTIV	Air Search Team (Fixed-Wing) Type IV	Tier 1	
ASTTI	Ambulance Strike Team Type I	Tier 1	
ASTTII	Ambulance Strike Team Type II	Tier 1	
ASTTIII	Ambulance Strike Team Type III	Tier 1	
ASTTIV	Ambulance Strike Team Type IV	Tier 1	
AT	Animal Technician	Tier 1	
AT1	Aerial Type 1	Tier 2	Equipment
AT2	Aerial Type 2	Tier 2	Equipment
ATCTI	All Terrain Cranes Type I	Tier 1	
ATCTII	All Terrain Cranes Type II	Tier 1	
ATCTIII	All Terrain Cranes Type III	Tier 1	
ATCTIV	All Terrain Cranes Type IV	Tier 1	
ATFTI	Ambulance Task Force Type I	Tier 1	
ATFWCCC	Air Tanker/Fixed Wing Coordinator	Tier 1	
ATGSCC	Air Tactical Group Supervisor	Tier 1	
ATL	Assessment Team Leader	Tier 1	
ATTFWTI	Airborne Transport Team (Fixed-Wing) Type I	Tier 1	
ATTFWTII	Airborne Transport Team (Fixed-Wing) Type II	Tier 1	

ATTFWTIII	Airborne Transport Team (Fixed-Wing) Type III	Tier 1	
ATTFWTIV	Airborne Transport Team (Fixed-Wing) Type IV	Tier 1	
BCMCC	Base/Camp Manager	Tier 1	
BFOAM	Class B Foam	Tier 2	Equipment
BHSL	Behavioral Health Specialist, Licensed	Tier 1	
BHSU	Behavioral Health Specialist, Unlicensed	Tier 1	
BLTI	Backhoe Loader Type I	Tier 1	
BLTII	Backhoe Loader Type II	Tier 1	
BLTIII	Backhoe Loader Type III	Tier 1	
BLTIV	Backhoe Loader Type IV	Tier 1	
BPFTVI	Brush Patrol, Firefighting (Type VI Engine)	Tier 1	
BSETTI	Bomb Squad/Explosives Team Type I	Tier 1	
BSETTII	Bomb Squad/Explosives Team Type II	Tier 1	
BSETTIII	Bomb Squad/Explosives Team Type III	Tier 1	
CAHTI	Chillers&Air Handlers (500 Ton to 50 Ton) Type I	Tier 1	
CAHTII	Chillers&Air Handlers (500 Ton to 50 Ton) Type II	Tier 1	
CAHTIII	Chillers&Air Handlers (500 Ton to 50 Ton) Type III	Tier 1	
CAHTIV	Chillers&Air Handlers (500 Ton to 50 Ton) Type IV	Tier 1	
CAHTV	Chillers&Air Handlers (500 Ton to 50 Ton) Type V	Tier 1	
CCMPTI	Concrete Cutter/Multi/Process Hydr Excav Type I	Tier 1	
CCMPTII	Concrete Cutter/Multi/Process Hydr Excav Type II	Tier 1	
CCMPTIII	Concrete Cutter/Multi/Process Hydr Excav Type III	Tier 1	
CCMPTIV	Concrete Cutter/Multi/Process Hydr Excav Type IV	Tier 1	
CCTI	Crawler Cranes Type I	Tier 1	
CCTII	Crawler Cranes Type II	Tier 1	
CCTIII	Crawler Cranes Type III	Tier 1	
CCULCC	Compensations/Claims Unit Leader	Tier 1	
CFE	Civil/Field Engineer	Tier 1	
CISMTTI	Critical Incident Stress Management Team Type I	Tier 1	
CISMTTII	Critical Incident Stress Management Team Type II	Tier 1	
CISMTTIII	Critical Incident Stress Management Team Type III	Tier 1	
CLSRTTI	Collapse Search and Rescue Teams Type I	Tier 1	
CLSRTTII	Collapse Search and Rescue Teams Type II	Tier 1	
CLSRTTIII	Collapse Search and Rescue Teams Type III	Tier 1	
CLSRTTIV	Collapse Search and Rescue Teams Type IV	Tier 1	
CSRTATI	Canine S&R Team-Avalanche Snow Air Scent Type I	Tier 1	
CSRTATII	Canine S&R Team-Avalanche Snow Air Scent Type II	Tier 1	
CSRTDTI	Canine S&R Team-Disaster Response Type I	Tier 1	
CSRTDTII	Canine S&R Team-Disaster Response Type II	Tier 1	
CSRTDTIII	Canine S&R Team-Disaster Response Type III	Tier 1	
CSRTDTIV	Canine S&R Team-Disaster Response Type IV	Tier 1	
CSRTLO	Canine S&R Team-Land Cadaver Air Scent Other	Tier 1	
CSRTWAO	Canine S&R Team-Wilderness Air Scent Other	Tier 1	
CSRTWATI	Canine S&R Team-Wilderness Air Scent Type I	Tier 1	
CSRTWATII	Canine S&R Team-Wilderness Air Scent Type II	Tier 1	
CSRTWATIII	Canine S&R Team-Wilderness Air Scent Type III	Tier 1	
CSRTWATIV	Canine S&R Team-Wilderness Air Scent Type IV	Tier 1	

CSRTWTI	Canine S&R Team-Wilderness Track/Trail Type I	Tier 1
CSRTWTII	Canine S&R Team-Wilderness Track/Trail Type II	Tier 1
CSRTWTIII	Canine S&R Team-Wilderness Track/Trail Type III	Tier 1
CSRTWTIV	Canine S&R Team-Wilderness Track/Trail Type IV	Tier 1
CSRTWTO	Canine S&R Team-Wilderness Track/Trail Other	Tier 1
CSTTI	Communications Support Team (CAP) Type I	Tier 1
CSTTII	Communications Support Team (CAP) Type II	Tier 1
CSTTIII	Communications Support Team (CAP) Type III	Tier 1
CSTTIV	Communications Support Team (CAP) Type IV	Tier 1
CTFCTI	Crew Transport (Firefighting Crew) Type I	Tier 1
CTFCTII	Crew Transport (Firefighting Crew) Type II	Tier 1
CTFCTIII	Crew Transport (Firefighting Crew) Type III	Tier 1
CULCC	Communications Unit Leader	Tier 1
CVSRTTI	Cave Search and Rescue Team Type I	Tier 1
CVSRTTII	Cave Search and Rescue Team Type II	Tier 1
CVSRTTIII	Cave Search and Rescue Team Type III	Tier 1
CVSRTTIV	Cave Search and Rescue Team Type IV	Tier 1
DAH	Dental Assistant/Hygienist	Tier 1
DATTI	Disaster Assessment Team Type I	Tier 1
DATTII	Disaster Assessment Team Type II	Tier 1
DATTIII	Disaster Assessment Team Type III	Tier 1
DCS	Debris Collection Supervisor	Tier 1
DCSCSM	Disaster Collapsed Struct Canine Srch Manager	Tier 1
DCSCST	Disaster Collapsed Struct Canine Srch Technician	Tier 1
DCSCSTS	Disaster Collapsed Struct Canine Srch Tec Spec Adv	Tier 1
DCTI	Donations Coordinator Type I	Tier 1
DCTII	Donations Coordinator Type II	Tier 1
DCTIII	Donations Coordinator Type III	Tier 1
DCTIV	Donations Coordinator Type IV	Tier 1
DEN	Dentist	Tier 1
DGSCC	Division/Group Supervisor	Tier 1
DiveTeam	Dive Team	Tier 1
DMATBSTI	DMAT - Burn Specialty Type I	Tier 1
DMATBSTII	DMAT - Burn Specialty Type II	Tier 1
DMATBSTIII	DMAT - Burn Specialty Type III	Tier 1
DMATBSTIV	DMAT - Burn Specialty Type IV	Tier 1
DMATBTI	DMAT - Basic Type I	Tier 1
DMATBTII	DMAT - Basic Type II	Tier 1
DMATBTIII	DMAT - Basic Type III	Tier 1
DMATBTIV	DMAT - Basic Type IV	Tier 1
DMATCITI	DMAT - Crush Injury Specialty Type I	Tier 1
DMATCITII	DMAT - Crush Injury Specialty Type II	Tier 1
DMATCITIII	DMAT - Crush Injury Specialty Type III	Tier 1
DMATMHTI	DMAT - Mental Health Specialty Type I	Tier 1
DMATMHTII	DMAT - Mental Health Specialty Type II	Tier 1
DMATMHTIII	DMAT - Mental Health Specialty Type III	Tier 1
DMATPTI	DMAT - Pediatric Specialty Type I	Tier 1

DMATPTII	DMAT - Pediatric Specialty Type II	Tier 1	
DMATPTIII	DMAT - Pediatric Specialty Type III	Tier 1	
DMMTTI	Debris Management Monitoring Team Type I	Tier 1	
DMMTTII	Debris Management Monitoring Team Type II	Tier 1	
DMORTTI	Disaster Mortuary Op Response Team (DMORT) Type I	Tier 1	
DMPTTI	Donations Management Personnel/Team Type I	Tier 1	
DMPTTII	Donations Management Personnel/Team Type II	Tier 1	
DMSRTTI	Debris Management Site Reduction Team Type I	Tier 1	
DMTTI	Debris Management Team Type I	Tier 1	
DMTTII	Debris Management Team Type II	Tier 1	
DMTTIII	Debris Management Team Type III	Tier 1	
DN	Dietician/Nutritionist	Tier 1	
DRM	Debris Removal Manager	Tier 1	
DRS	Dive Rescue Specialist	Tier 2	Personnel
DRTTI	Disaster Recovery Team Type I	Tier 1	
DRTTII	Disaster Recovery Team Type II	Tier 1	
DRTTIII	Disaster Recovery Team Type III	Tier 1	
DRTTIV	Disaster Recovery Team Type IV	Tier 1	
DSM	Debris Site Manager	Tier 1	
DT	Dialysis Technician	Tier 1	
DTOFRTI	Dump Truck-Off Road Type I	Tier 1	
DTOFRTII	Dump Truck-Off Road Type II	Tier 1	
DTORTI	Dump Truck-On Road Type I	Tier 1	
DTORTII	Dump Truck-On Road Type II	Tier 1	
DTORTIII	Dump Truck-On Road Type III	Tier 1	
DTTI	Dump Trailer (one type/example only) Type I	Tier 1	
DULCC	Demobilization Unit Leader	Tier 1	
EBM	Engineering Branch Manager	Tier 1	
ECCTTI	Emergency /Critical Care Team Type I	Tier 1	
ECCTTII	Emergency /Critical Care Team Type II	Tier 1	
ECTTI	Evacuation Coordination Team Type I	Tier 1	
ECTTII	Evacuation Coordination Team Type II	Tier 1	
ECTTIII	Evacuation Coordination Team Type III	Tier 1	
EDM	Engineering Division Manager	Tier 1	
EFPO	Engine, Fire (Pumper) Other	Tier 1	
EFPTI	Engine, Fire (Pumper) Type I	Tier 1	
EFPTII	Engine, Fire (Pumper) Type II	Tier 1	
EFPTIII	Engine, Fire (Pumper) Type III	Tier 1	
EFPTIV	Engine, Fire (Pumper) Type IV	Tier 1	
EHG	Environmental Health Generalist	Tier 1	
EHS	Environmental Health Specialist	Tier 1	
EHTL	Environmental Health Team Leader	Tier 1	
ELTTI	Evacuation Liaison Team (ELT) Type I	Tier 1	
EMCC	Equipment Manager	Tier 1	
EMR	Emergency Medical Responder	Tier 1	
EMSDR	EMS Physician	Tier 1	

EMT	Basic EMT	Tier 2	Personnel
EMT_	Emergency Medical Technician (EMT)	Tier 1	
EMT_P	Paramedic	Tier 1	
EMTFTI	Emergency Medical Task Force Type I	Tier 1	
EMTP	Paramedic	Tier 2	Personnel
EMTS	EMT Specialist	Tier 2	Personnel
EO	Equipment Operator	Tier 1	
EOCFSCTI	EOC Finance/Admin Section Chief/Coord Type I	Tier 1	
EOCFSCTII	EOC Finance/Admin Section Chief/Coord Type II	Tier 1	
EOCFSCTIII	EOC Finance/Admin Section Chief/Coord Type III	Tier 1	
EOCMSTTI	EOC Management Support Team Type I	Tier 1	
EOCMSTTII	EOC Management Support Team Type II	Tier 1	
EOCMSTTIII	EOC Management Support Team Type III	Tier 1	
EOCMSTTIV	EOC Management Support Team Type IV	Tier 1	
EOCOSCTI	EOC Operations Section Chief Type I	Tier 1	
EOCOSCTII	EOC Operations Section Chief Type II	Tier 1	
EOCOSCTIII	EOC Operations Section Chief Type III	Tier 1	
EOCPSTI	EOC Planning Section Chief Type I	Tier 1	
EOCPSTII	EOC Planning Section Chief Type II	Tier 1	
EOCPSTIII	EOC Planning Section Chief Type III	Tier 1	
EP	Epidemiologist	Tier 1	
EPI	Epidemiology Interviewer	Tier 1	
EPRTTI	Electrical Power Restoration Team (Example) Type I	Tier 1	
EPTL	Epidemiology Team Leader	Tier 1	
ESTI	Engineering Services Type I	Tier 1	
ESTSARM	Emergency Services Technical SAR Manager	Tier 1	
ESTSART	Emergency Services Technical SAR Technician	Tier 1	
ET1	Engine Type 1	Tier 2	Equipment
ET2	Engine Type 2	Tier 2	Equipment
ET3	Engine Type 3	Tier 2	Equipment
ET4	Engine Type 4	Tier 2	Equipment
ET5	Engine Type 5	Tier 2	Equipment
ET6	Engine Type 6	Tier 2	Equipment
ET7	Engine Type 7	Tier 2	Equipment
ETRAGS	EMS Transportation Group Supervisor	Tier 1	
ETRAUL	EMS Transportation Unit Leader	Tier 1	
ETREUL	EMS Treatment Unit Leader	Tier 1	
ETRIUL	EMS Triage Unit Leader	Tier 1	
Evidence	Evidence Technician	Tier 2	Personnel
EVO	Emergency Vehicle Operator	Tier 1	
EVOH	Emergency Vehicle Operator - Heavy	Tier 1	
EVT	Emergency Vehicle Technician	Tier 1	
FADO	Fire Apparatus Driver/Operator	Tier 1	
FBTI	Fire Boat Type I	Tier 1	
FBTII	Fire Boat Type II	Tier 1	
FBTIII	Fire Boat Type III	Tier 1	

FBTTTI	Flat Bed Trailer Truck Type I	Tier 1	
FDULCC	Food Unit Leader	Tier 1	
FF_I	Firefighter I	Tier 1	
FF_II	Firefighter II	Tier 1	
FFI	Firefighter 1	Tier 2	Personnel
FFII	Firefighter 2	Tier 2	Personnel
FFIII	Firefighter 3	Tier 2	Personnel
FINSCT1	Finance/Administration Section Chief (Type 1)	Tier 1	
FINSCT2	Finance/Administration Section Chief (Type 2)	Tier 1	
FINSCT3	Finance/Administration Section Chief (Type 3)	Tier 1	
FINSCT4	Finance/Administration Section Chief (Type 4)	Tier 1	
FINSCT5	Finance/Administration Section Chief (Type 5)	Tier 1	
FINSI	Fire Inspector I	Tier 1	
FINSII	Fire Inspector II	Tier 1	
FINSIII	Fire Inspector III	Tier 1	
FO_I_II	Fire Officer I/II (Company/Unit)	Tier 1	
FO_III_IV	Fire Officer III/IV (Command)	Tier 1	
FOI	Fire Officer 1	Tier 2	Personnel
FOII	Fire Officer 2	Tier 2	Personnel
FOIII	Fire Officer 3	Tier 2	Personnel
FSC1/2CC	Finance/Administration Section Chief Type 1 & 2	Tier 1	
FTATI	Fire Truck - Aerial (Ladder or Platform) Type I	Tier 1	
FTATII	Fire Truck - Aerial (Ladder or Platform) Type II	Tier 1	
FTFTI	Foam Tender, Firefighting Type I	Tier 1	
FTFTII	Foam Tender, Firefighting Type II	Tier 1	
FTTI	Fuel Tender (Gas, Dsl, AvGas, aka Gas Tnd) Type I	Tier 1	
FTTII	Fuel Tender (Gas, Dsl, AvGas, aka Gas Tnd) Type II	Tier 1	
FULCC	Facilities Unit Leader	Tier 1	
GENTI	Generators Type I	Tier 1	
GENTII	Generators Type II	Tier 1	
GENTIII	Generators Type III	Tier 1	
GENTIV	Generators Type IV	Tier 1	
GENTV	Generators Type V	Tier 1	
GSULCC	Ground Support Unit Leader	Tier 1	
HAZK	Haz Cat Kit	Tier 2	Equipment
HazMatT	Hazardous Materials Team	Tier 2	Personnel
HAZO	HazMat Officer	Tier 1	
HAZSO	HazMat Safety Officer	Tier 1	
HAZT	HazMat Technician	Tier 1	
HCCC	Helicopter Coordinator	Tier 1	
HCTI	Hand Crew Type I	Tier 1	
HCTII	Hand Crew Type II	Tier 1	
HCTIII	Hand Crew Type III	Tier 1	
HCTIV	Hand Crew Type IV	Tier 1	
HELFTI	Helicopters, Firefighting Type I	Tier 1	
HELFTII	Helicopters, Firefighting Type II	Tier 1	

HELFTIII	Helicopters, Firefighting Type III	Tier 1	
HELFTIV	Helicopters, Firefighting Type IV	Tier 1	
HELT	Helitanker (firefighting helicopter)	Tier 1	
HM1/2CC	Helibase Manager Type 1 & 2	Tier 1	
HMA	Haz-Mat Awareness	Tier 2	Personnel
HMETTI	HazMat Entry Team Type I	Tier 1	
HMETTII	HazMat Entry Team Type II	Tier 1	
HMETTIII	HazMat Entry Team Type III	Tier 1	
HMO	Haz-Mat Operations	Tier 2	Personnel
HMT	Haz-Mat Technician	Tier 2	Personnel
HRCSM	Human Remains Canine Search Manager	Tier 1	
HRCST	Human Remains Canine Search Technician	Tier 1	
HRCSTS	Human Remains Canine Search Tec Spec Adv	Tier 1	
HSRP	Helicopter Search and/or Rescue Pilot Disaster	Tier 1	
HSRSCC	Helicopter Search and/or Rescue Crew Chief Disastr	Tier 1	
HSRT	Helicopter Search and/or Rescue Technician Disastr	Tier 1	
HTCTI	Hydraulic Truck Cranes Type I	Tier 1	
HTCTII	Hydraulic Truck Cranes Type II	Tier 1	
HTCTIII	Hydraulic Truck Cranes Type III	Tier 1	
HYDXLGTI	Hydraulic Excav(Lg 13 cy to 3 cy bucket)Type I	Tier 1	
HYDXLGTII	Hydraulic Excav(Lg 13 cy to 3 cy bucket)Type II	Tier 1	
HYDXLGTIII	Hydraulic Excav(Lg 13 cy to 3 cy bucket)Type III	Tier 1	
HYDXMDTI	Hydraulic Excav(Md 4 cy to 1.75 cy bucket)Type I	Tier 1	
HYDXMDTII	Hydraulic Excav(Md 4 cy to 1.75 cy bucket)Type II	Tier 1	
HYDXMDTIII	Hydraulic Excav(Md 4 cy to 1.75 cy bucket)Type III	Tier 1	
HYDXMDTIV	Hydraulic Excav(Md 4 cy to 1.75 cy buckets)Type IV	Tier 1	
IADATLTI	Individual Assist Disast Assess Team Lead Type I	Tier 1	
IADATLTII	Individual Assist Disast Assess Team Lead Type II	Tier 1	
IADATLTIII	Individual Assist Disast Assess Team Lead Type III	Tier 1	
IADATLTIV	Individual Assist Disast Assess Team Lead Type IV	Tier 1	
IADATTI	Individual Assist Disaster Assess Team Type I	Tier 1	
IBTFTI	Interagency Buying Team, Firefighting Type I	Tier 1	
IC	Incident Commander Qualified	Tier 2	Personnel
ICCMCC	Incident Communications Center Manager	Tier 1	
ICS100	Introduction to ICS	Tier 2	Education
ICS200	Basic ICS	Tier 2	Education
ICS300	Intermediate ICS	Tier 2	Education
ICS400	Advanced ICS	Tier 2	Education
ICT1	Incident Commander (IC) (Type 1)	Tier 1	
ICT1/2CC	Incident Commander Type 1 & 2	Tier 1	
ICT2	Incident Commander (IC) (Type 2)	Tier 1	
ICT3	Incident Commander (IC) (Type 3)	Tier 1	
ICT3CC	Incident Commander Type 3	Tier 1	
ICT4	Incident Commander (IC) (Type 4)	Tier 1	
ICT4CC	Incident Commander Type 4	Tier 1	
ICT5	Incident Commander (IC) (Type 5)	Tier 1	

IMSURTTI	International Med Surg Resp Team (IMSuRT) Type I	Tier 1	
IMSURTTII	International Med Surg Resp Team (IMSuRT) Type II	Tier 1	
IMTAPTI	Incident Management Team Animal Protection Type I	Tier 1	
IMTFO	Incident Management Team, Firefighting Other	Tier 1	
IMTFTI	Incident Management Team, Firefighting Type I	Tier 1	
IMTFTII	Incident Management Team, Firefighting Type II	Tier 1	
IMTFTIII	Incident Management Team, Firefighting Type III	Tier 1	
IMTFTIV	Incident Management Team, Firefighting Type IV	Tier 1	
IMTTI	Incident Management Team Type I	Tier 1	
IMTTII	Incident Management Team Type II	Tier 1	
IMTTIII	Incident Management Team Type III	Tier 1	
IMTTIV	Incident Management Team Type IV	Tier 1	
INST	Fire Service Instructor	Tier 2	Personnel
INVEST	Arson Investigator	Tier 2	Personnel
IS700	FEMA NIMS An Introduction	Tier 2	Education
IS800	FEMA National Response Plan (NRP) An Introduction	Tier 2	Education
LAE	Livestock Agriculture Economist	Tier 1	
LDH	Large Diameter Hose	Tier 2	Equipment
LEAHPSTI	Law Enforce Aviation-Heli-Patrol-Surveil Type I	Tier 1	
LEAHPSTII	Law Enforce Aviation-Heli-Patrol-Surveil Type II	Tier 1	
LEAHPSTIII	Law Enforce Aviation-Heli-Patrol-Surveil Type III	Tier 1	
LEAHPSTIV	Law Enforce Aviation-Heli-Patrol-Surveil Type IV	Tier 1	
LEOAFWTI	Law Enforce Observ Aircraft (Fixed-Wing) Type I	Tier 1	
LEOAFWTII	Law Enforce Observ Aircraft (Fixed-Wing) Type II	Tier 1	
LEOAFWTIII	Law Enforce Observ Aircraft (Fixed-Wing) Type III	Tier 1	
LEOAFWTIV	Law Enforce Observ Aircraft (Fixed-Wing) Type IV	Tier 1	
LNOT1	Liaison Officer (Type 1)	Tier 1	
LNOT2	Liaison Officer (Type 2)	Tier 1	
LNOT3	Liaison Officer (Type 3)	Tier 1	
LNOT4	Liaison Officer (Type 4)	Tier 1	
LNOT5	Liaison Officer (Type 5)	Tier 1	
LOCC	Liaison Officer	Tier 1	
LOG	Logistics Officer	Tier 2	Personnel
LOGSCT1	Logistics Section Chief (Type 1)	Tier 1	
LOGSCT2	Logistics Section Chief (Type 2)	Tier 1	
LOGSCT3	Logistics Section Chief (Type 3)	Tier 1	
LOGSCT4	Logistics Section Chief (Type 4)	Tier 1	
LOGSCT5	Logistics Section Chief (Type 5)	Tier 1	
LSC1/2CC	Logistics Section Chief Type 1 & 2	Tier 1	
LSRT	Logistics Search and/or Rescue Technician Disastr	Tier 1	
LTCTI	Lattice Truck Cranes Type I	Tier 1	
LTT	Laboratory Technologist/Technician	Tier 1	
MAFF	Mutual Aid Responder	Tier 2	Personnel
MBD	Medical Branch Director	Tier 1	
MCULFTI	Mobile Communications Unit (Law/Fire) Type I	Tier 1	
MCULFTII	Mobile Communications Unit (Law/Fire) Type II	Tier 1	

MDC	Mass Dispensing, Consultant	Tier 1	
MDD	Mass Dispensing, Dispenser	Tier 1	
MDOTC	Mass Dispensing, Operations Team Consultant	Tier 1	
MDPFL	Mass Dispensing, Patient Intake/Line Flow Consult	Tier 1	
MDPIC	Mass Dispensing, Public Information Consultant	Tier 1	
MDTL	Mass Dispensing Team Leader	Tier 1	
MDV	Mass Dispensing, Vaccinator	Tier 1	
MEOCTI	Mobile Communications Center (Mobile EOC) Type I	Tier 1	
MEOCTII	Mobile Communications Center (Mobile EOC) Type II	Tier 1	
MEOCTIII	Mobile Communications Center (Mobile EOC) Type III	Tier 1	
MEOCTIV	Mobile Communications Center (Mobile EOC) Type IV	Tier 1	
MFFLETI	Mobl Field Frc Law Enforce (Crwd Ctrl Tm) Type I	Tier 1	
MFFLETII	Mobl Field Frc Law Enforce (Crwd Ctrl Tm) Type II	Tier 1	
MFFLETIII	Mobl Field Frc Law Enforce (Crwd Ctrl Tm) Type III	Tier 1	
MFKTI	Mobile Feeding Kitchen (Mob Field Kitch) Type I	Tier 1	
MFKTII	Mobile Feeding Kitchen (Mob Field Kitch) Type II	Tier 1	
MFKTIII	Mobile Feeding Kitchen (Mob Field Kitch) Type III	Tier 1	
MFKTIV	Mobile Feeding Kitchen (Mob Field Kitch) Type IV	Tier 1	
MFMTTI	Mobile Field Medical Team Type I	Tier 1	
MFMTTII	Mobile Field Medical Team Type II	Tier 1	
MFR	Medical First Responder	Tier 2	Personnel
MGS	Medical Group Supervisor	Tier 1	
MPHSATTI	Medical/Public Health System Assess Team Type I	Tier 1	
MSC	Medical Supply Coordinator	Tier 1	
MSRM	Mountain Search and/or Rescue Manager	Tier 1	
MSRT	Medical Search and/or Rescue Technician Disastr	Tier 1	
MSRTS	Mountain Search and/or Rescue Tec Spec Adv	Tier 1	
MSRTTI	Mountain Search and Rescue Team Type I	Tier 1	
MSRTTII	Mountain Search and Rescue Team Type II	Tier 1	
MSRTTIII	Mountain Search and Rescue Team Type III	Tier 1	
MSRTTIV	Mountain Search and Rescue Team Type IV	Tier 1	
MSRUL	Mountain Search and/or Rescue Unit Leader	Tier 1	
MT	Medical Transport	Tier 2	Equipment
MTSRTTI	Mine and Tunnel Search and Rescue Team Type I	Tier 1	
MTSRTTII	Mine and Tunnel Search and Rescue Team Type II	Tier 1	
MULCC	Medical Unit Leader	Tier 1	
MUTL	Medical Unit Team Leader	Tier 1	
NDMSMSTTI	NDMS Management Support Team (MST) Type I	Tier 1	
NDMSMSTTII	NDMS Management Support Team (MST) Type II	Tier 1	
None	Unknown Qualifications	Tier 2	Personnel
OBDCC	Operations Branch Director	Tier 1	
OPSSCT1	Operations Section Chief (Type 1)	Tier 1	
OPSSCT2	Operations Section Chief (Type 2)	Tier 1	
OPSSCT3	Operations Section Chief (Type 3)	Tier 1	
OPSSCT4	Operations Section Chief (Type 4)	Tier 1	
OPSSCT5	Operations Section Chief (Type 5)	Tier 1	

OSC1/2CC	Operations Section Chief Type 1 & 2	Tier 1
PA	Physician Assistant	Tier 1
PACTI	Public Assistance Coordinator Type I	Tier 1
PACTII	Public Assistance Coordinator Type II	Tier 1
PACTIII	Public Assistance Coordinator Type III	Tier 1
PACTIV	Public Assistance Coordinator Type IV	Tier 1
PCHTTI	Palliative Care/Hospice Team Type I	Tier 1
PCHTTII	Palliative Care/Hospice Team Type II	Tier 1
PCT	Patient Care Technician	Tier 1
PEI_II	Plans Examiner I/II	Tier 1
PHA	Pharmacist	Tier 1
PHDA	Public Health Disaster Assessor	Tier 1
PHDES	Public Health Data Entry Staff	Tier 1
PHEHTI	Public Health: Environmental Health Type I	Tier 1
PHEHTII	Public Health: Environmental Health Type II	Tier 1
PHEHTI	Public Health: Epidem (Surveil & Invest) Type I	Tier 1
PHEHTII	Public Health: Epidem (Surveil & Invest) Type II	Tier 1
PHIQT I	Public Health: Isolation and Quarantine Type I	Tier 1
PHIQT II	Public Health: Isolation and Quarantine Type II	Tier 1
PHITS	Public Health Information Technology Specialist	Tier 1
PHMDCTTI	Public Health: Mass Disp Consult Team Type I	Tier 1
PHMDCTTII	Public Health: Mass Dispens Consult Team Type II	Tier 1
PHMS	Public Health and Med Support Team Leader/Shelter	Tier 1
PHMTSTI	Public Health and Medical Team in a Shelter Type I	Tier 1
PHRSSTFTI	Public Health: Rec,Stag,Sto(RSS)Task Force Type I	Tier 1
PHY	Physician	Tier 1
PIO	Public Information Officer	Tier 2
PIO1/2CC	Public Information Officer Type 1 & 2	Tier 1
PIOCC	Public Information Officer	Tier 1
PIOT1	Public Information Officer (Type 1)	Tier 1
PIOT2	Public Information Officer (Type 2)	Tier 1
PIOT3	Public Information Officer (Type 3)	Tier 1
PIOT4	Public Information Officer (Type 4)	Tier 1
PIOT5	Public Information Officer (Type 5)	Tier 1
PL	Phlebotomist	Tier 1
PLANSCT1	Planning Section Chief (Type 1)	Tier 1
PLANSCT2	Planning Section Chief (Type 2)	Tier 1
PLANSCT3	Planning Section Chief (Type 3)	Tier 1
PLANSCT4	Planning Section Chief (Type 4)	Tier 1
PLANSCT5	Planning Section Chief (Type 5)	Tier 1
PPTI	Portable Pump Type I	Tier 1
PPTII	Portable Pump Type II	Tier 1
PPTIII	Portable Pump Type III	Tier 1
PS	Permit Specialist	Tier 1
PSC1/2CC	Planning Section Chief Type 1 & 2	Tier 1
PSDTTI	Public Safety Dive Team Type I	Tier 1

Personnel

PSDTTII	Public Safety Dive Team Type II	Tier 1	
PSDTTIII	Public Safety Dive Team Type III	Tier 1	
PSDTTIV	Public Safety Dive Team Type IV	Tier 1	
PSTI_II	Public Safety Telecommunicator I/II	Tier 1	
PT	Pharmacy Technician	Tier 1	
PULCC	Procurement Unit Leader	Tier 1	
PWD	Public Works Director	Tier 1	
QAP	Quality Assurance Personnel	Tier 1	
RAS	Risk Assessment Specialist	Tier 1	
RAT	Radiologic Technician	Tier 1	
RDFTTI	Radio Direction Finding Team Type I	Tier 1	
RDFTTII	Radio Direction Finding Team Type II	Tier 1	
RDFTTIII	Radio Direction Finding Team Type III	Tier 1	
RDMCC	Receiving/Distribution Manager	Tier 1	
RIT	Rapid Intervention Team	Tier 2	Personnel
RN	Registered Nurse	Tier 1	
RNATTI	Rapid Needs Assessment Team Type I	Tier 1	
Rope	Rope Rescue	Tier 2	Personnel
RSSD	RSS Distribution Leader	Tier 1	
RSSFA	RSS Finance and Administrative Team Lead	Tier 1	
RSSL	RSS Logistics Team Lead	Tier 1	
RSSO	RSS Operations Team Lead	Tier 1	
RSSTC	RSS Tactical Communications Leader	Tier 1	
RST	Respiratory Therapist	Tier 1	
RULCC	Resources Unit Leader	Tier 1	
SAMCC	Staging Area Manager	Tier 1	
SBDCC	Service Branch Director	Tier 1	
SCRCC	Status/Check-In Recorder	Tier 1	
SCRM	Structural Collapse Rescue Manager	Tier 1	
SCRT	Structural Collapse Rescue Technician	Tier 1	
SCRTTI	Canine S&R Team-Land Cadaver Air Scent Type I	Tier 1	
SCRTTII	Canine S&R Team-Land Cadaver Air Scent Type II	Tier 1	
SCRTTIII	Canine S&R Team-Land Cadaver Air Scent Type III	Tier 1	
SCRTTIV	Canine S&R Team-Land Cadaver Air Scent Type IV	Tier 1	
SCR TWO	Canine S&R Team-Water Air Scent Other	Tier 1	
SCR TWI	Canine S&R Team-Water Air Scent Type I	Tier 1	
SCR TWII	Canine S&R Team-Water Air Scent Type II	Tier 1	
SCR TWIII	Canine S&R Team-Water Air Scent Type III	Tier 1	
SCR TWIV	Canine S&R Team-Water Air Scent Type IV	Tier 1	
SCSM	Structural Collapse Search Manager	Tier 1	
SCST	Structural Collapse Search Technician	Tier 1	
SE	Structural Engineer	Tier 1	
SFRM	Swiftwater/Flood Rescue Manager	Tier 1	
SFRT	Swiftwater/Flood Rescue Technician	Tier 1	
SFRTAR	Swiftwater/Flood Rescue Technician - Animal Rescue	Tier 1	
SFRTBB	Swiftwater/Flood Rescue Technician - Boat Bowman	Tier 1	

SFRTBO	Swiftwater/Flood Rescue Technician - Boat Operator	Tier 1	
SFRTS	Swiftwater/Flood Rescue Tec Spec Adv	Tier 1	
SFRUL	Swiftwater/Flood Rescue Unit Leader	Tier 1	
SFSRTTI	Swiftwater/Flood Search and Rescue Team Type I	Tier 1	
SFSRTTII	Swiftwater/Flood Search and Rescue Team Type II	Tier 1	
SFSRTTIII	Swiftwater/Flood Search and Rescue Team Type III	Tier 1	
SMCC	Security Manager	Tier 1	
SMTTI	Shelter Management Team Type I	Tier 1	
SMTTII	Shelter Management Team Type II	Tier 1	
SMTTIII	Shelter Management Team Type III	Tier 1	
SO	Safety Officer	Tier 2	Personnel
SO1/2CC	Safety Officer Type 1 & 2	Tier 1	
SOLCC	Safety Officer, Line	Tier 1	
SOT1	Safety Officer (Type 1)	Tier 1	
SOT2	Safety Officer (Type 2)	Tier 1	
SOT3	Safety Officer (Type 3)	Tier 1	
SOT4	Safety Officer (Type 4)	Tier 1	
SOT5	Safety Officer (Type 5)	Tier 1	
SS	Species Specialist	Tier 1	
SSTTI	Specialty Services Team Type I	Tier 1	
SSTTII	Specialty Services Team Type II	Tier 1	
ST	Surgical Technician	Tier 1	
STEFTI	Strike Team, Engine (Fire) Type I	Tier 1	
STEFTII	Strike Team, Engine (Fire) Type II	Tier 1	
STEFTIII	Strike Team, Engine (Fire) Type III	Tier 1	
STEFTIV	Strike Team, Engine (Fire) Type IV	Tier 1	
STEFTO	Strike Team, Engine (Fire) Type Other	Tier 1	
STL	Strike Team Leader	Tier 2	Personnel
SULCC	Situation Unit Leader	Tier 1	
SUPLCC	Supply Unit Leader	Tier 1	
SW	Social Worker	Tier 1	
SWATTTTI	SWAT/Tactical Teams Type I	Tier 1	
SWATTTTII	SWAT/Tactical Teams Type II	Tier 1	
SWATTTTIII	SWAT/Tactical Teams Type III	Tier 1	
SWATTTTIV	SWAT/Tactical Teams Type IV	Tier 1	
TAR	Traffic Accident Reconstruction	Tier 2	Personnel
TBTI	Tug Boat Type I	Tier 1	
TBTII	Tug Boat Type II	Tier 1	
TBTIII	Tug Boat Type III	Tier 1	
TDOZO	Track Dozer Other	Tier 1	
TDOZTI	Track Dozer Type I	Tier 1	
TDOZTII	Track Dozer Type II	Tier 1	
TDOZTIII	Track Dozer Type III	Tier 1	
TFL	Task Force Leader	Tier 2	Personnel
TFLSTLCC	Task Force Leader/Strike Team Leader	Tier 1	
TGTI	Tub Grinder Type I	Tier 1	

TGTII	Tub Grinder Type II	Tier 1	
TGTIII	Tub Grinder Type III	Tier 1	
TGTIV	Tub Grinder Type IV	Tier 1	
TSSTF	RSS Task Force Leader	Tier 1	
TT1	Tender Type 1	Tier 2	Equipment
TT2	Tender Type 2	Tier 2	Equipment
TT3	Tender Type 3	Tier 2	Equipment
TTTI	Tractor Trailer (Example Only) Type I	Tier 1	
TTTII	Tractor Trailer (Example Only) Type II	Tier 1	
TULCC	Time Unit Leader	Tier 1	
USCGNSFO	U.S. Coast Guard National Strike Force Other	Tier 1	
USRISTTI	US&R Incident Support Team Type I	Tier 1	
USRISTTII	US&R Incident Support Team Type II	Tier 1	
USRM	Utility Systems Reconstruction Manager	Tier 1	
USRTFTI	US&R Task Forces Type I	Tier 1	
USRTFTII	US&R Task Forces Type II	Tier 1	
VALTI	Volunteer Agency Liaison Type I	Tier 1	
VALTII	Volunteer Agency Liaison Type II	Tier 1	
VALTIII	Volunteer Agency Liaison Type III	Tier 1	
VALTIV	Volunteer Agency Liaison Type IV	Tier 1	
VCS	Vector Control Specialist	Tier 1	
VEHX	Vehicle Extrication	Tier 2	Personnel
VET	Veterinarian	Tier 1	
VMATTI	Veterinary Medical Assistance Team (VMAT) Type I	Tier 1	
VMATTII	Veterinary Medical Assistance Team (VMAT) Type II	Tier 1	
WASCMS	Wilderness Air Scent Canine Search Manager	Tier 1	
WASCST	Wilderness Air Scent Canine Search Technician	Tier 1	
WCS	Wildlife Control Specialist	Tier 1	
WCSM	Water Canine Search Manager	Tier 1	
WCST	Water Canine Search Technician	Tier 1	
WDM	Water Distribution Manager	Tier 1	
WDOZTI	Wheel Dozer Type I	Tier 1	
WDOZTII	Wheel Dozer Type II	Tier 1	
WFFI	Wildland Firefighter I	Tier 1	
WFFII	Wildland Firefighter II	Tier 1	
WFO_I	Wildland Fire Officer I	Tier 1	
WFO_II	Wildland Fire Officer II	Tier 1	
WFOI	Wildland Fire Officer 1	Tier 2	Personnel
WFOII	Wildland Fire Officer 2	Tier 2	Personnel
WFOIII	Wildland Fire Officer 3	Tier 2	Personnel
WLLGTI	Wheel Loaders (Large 41 cy to 8 cy) Type I	Tier 1	
WLLGTII	Wheel Loaders (Large 41 cy to 8 cy) Type II	Tier 1	
WLLGTIII	Wheel Loaders (Large 41 cy to 8 cy) Type III	Tier 1	
WLLGTIV	Wheel Loaders (Large 41 cy to 8 cy) Type IV	Tier 1	
WLMDTI	Wheel Loaders (Medium 7 cy to 2 cy) Type I	Tier 1	
WLMDTII	Wheel Loaders (Medium 7 cy to 2 cy) Type II	Tier 1	