

NIMS: The National Incident Management System

The Resource Typing and Credentialing Project

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National Incident Management System

What is NIMS?

- Created under authority of HSPD-5
- Mandated by Presidential Director
- Born out of confusion controlling responders and volunteers at Nationally important incidents, including Oklahoma City, Kansas City, 9-11, & Hurricanes Katrina & Rita



FEMA, Resource Management Initiatives

- Credentialing Responders (Defining Job Titles)
- Common definitions for equipment and Teams (Resource Typing)
- Training Guidelines (for Job Titles and Personnel on Teams)

Discipline Specific Working Groups

- Public Works
- Incident Management
- ICS Competencies Change Management Board
- Emergency Medical Service
- Law Enforcement
- Fire/Hazmat
- Medical & Public Health
- Search & Rescue
- Aviation Management
- Mass Care
- Animal Emergency Response

OTHER WORKING GROUP INITIATIVES:

- Aviation Management
- Public Awareness and Outreach: Outreach helps to implement and educate on NIMS activities

NIMS: Resource Management Initiative

- Working Groups categorize equipment and define the recommended skills, experience and training necessary for positions that are most likely to deploy
- Helps practitioners and responders communicate to request appropriate equipment and personnel

Mutual Aid: How do you get assistance?

- Interstate Mutual Aid with assistance from the Emergency Management Assistance Compact (EMAC)
- Interstate Mutual Aid without EMAC assistance
- Assistance Intrastate or local Mutual Aid, including localities (i.e., town/city/county) and regions.

Credentialing Is:

- The administrative process for validating the qualifications of personnel
- Assesses background for authorization and access to an incident, involving mutual aid
- Helps to obtain the right personnel that can be trusted to do their job
- Three Components to be Credentialed:
 - 1) Identity
 - 2) Qualification/affiliation
 - 3) Authorization for Deployment

Credentialing Job Titles

The Working Group Job Titles document provides:

- ⦿ A description of each position
- ⦿ Criteria including training (i.e., ICS courses, experience, certification, and licensing information)
- ⦿ Criteria including Education, Training, Physical/Medical Fitness, etc.

The Importance of Credentialing

- Improves the management of an incident
- Resources can be delivered and shared more easily and faster nationwide; all hazards, all disciplines
- Improves responders ability to coordinate and cooperate in disaster situations across the US

Examples of Evacuation Based Job Titles

◎ Transportation

- Transportation Manager
- Fleet Manager

◎ Mass Care (pending)

- Shelter Manager
- Shelter Director



How Does Credentialing Fit In?

- ⦿ Functions within existing federal, state, tribal and local identification and qualification protocols, where feasible
- ⦿ Supports interstate mutual aid through EMAC.
- ⦿ Conforms to Incident Command System protocols (and other components of NIMS)
- ⦿ Provides quick and accurate authentication and verification of emergency responders' identities and qualifications
- ⦿ Identifies the level and currency of training, experience, physical/medical fitness, for an incident management or emergency responder role

Job Title: Transportation Manager

Description: A Transportation Manager plans, coordinates, manages and directs resources for general support of transportation of people, goods, and services. This position may be in the Incident Command, a Branch, Division/Group, or Strike Team/Task Force based upon mission-specific activities and needs. Responsibilities could include coordinating the movement of supplies, implementing traffic control plans (detours, road closures, and emergency access routes), implementing evacuation route plans including public transportation support, reconstructing of traffic signal operations, etc. Must be able to coordinate and manage evacuation, restoration, operations, and public transportation during an incident.

RECOMMENDED CRITERIA

The table below lists the PW Working Group's recommended criteria for a Transportation Manager to participate in the National Integration Center (NIC) Incident Management Integration System (IMIS) Division's National Incident Management System (NIMS) Working Groups Credentialing and Resource Typing efforts. . These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Education	BS in Transportation (or equivalent degree) and/or equivalent practitioner experience.
Training	Completion of the following courses/curricula: <ul style="list-style-type: none">•ICS-100: Introduction to the Incident Command System (ICS)•ICS-200.a: ICS for Single Resources and Initial Action Incidents•ICS-300: Intermediate Incident Command System (ICS) for Expanding Incidents•IS-700.a: National Incident Management Systems, An Introduction•IS-800.b: National Response Framework (NRF), An Introduction Completion of the following baseline criteria: <ul style="list-style-type: none">•Mission specific training, as required.
Experience	<ul style="list-style-type: none">• Minimum of five (5) to ten (10) years of leadership and management expertise in the field of transportation.• In-depth understanding of the principals of planning and response to emergencies.• Past involvement in transportation activities with community, regional, or State-level officials.• Previous participation in a Presidentially-declared or Gubernatorial-declared disaster (preferred).• Annual participation in community-based emergency management exercises (as outlined in Homeland Security Presidential Directive (HSPD)-8 including but not limited to knowledge of the Robert T. Stafford Disaster Relief and Emergency Assistance Act and FEMA Resource Typing.)
Physical/ Medical Fitness	Physical capability to work long hours in adverse environments and potentially extreme temperature and weather conditions.

Public Works Job Title: Fleet Manager

Description: A Fleet Manager provides administrative, management and direction of fleet related services for emergency response and continuity of operations. This position may be in the Incident Command, a Branch, Division/Group, or Strike Team/Task Force based upon mission-specific activities and needs. Responsibilities could include maintenance of equipment used during response and recovery, requesting supplemental equipment to assist in recovery efforts, reestablishing fleets damaged during disasters.

RECOMMENDED CRITERIA

The table below lists the PW Working Group's recommended criteria for a Fleet Manager to participate in the National Integration Center (NIC) Incident Management Integration System (IMIS) Division's National Incident Management System (NIMS) Working Groups Credentialing and Resource Typing efforts. . These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Education	BS or BA degree or equivalent to education recommendation.
Training	Completion of the following courses/curricula: <ul style="list-style-type: none"> •ICS-100 Introduction to the Incident Command System (ICS) •ICS-200: ICS for Single Resources and Initial Action Incidents •IS-700: National Incident Management System (NIMS), An Introduction
Experience	<ul style="list-style-type: none"> • Minimum of five years of leadership and management experience in the field of Fleet Management. • Shadow in a logistical position during a National or Presidential Response (preferred)
Physical/ Medical Fitness	Physical capability to work long hours in adverse environmental and potentially extreme temperature and weather conditions
Certification	Examples include; American Public Works Association (APWA), Certified Emergency Manager (CEM), or Fleet Management Association (NAFA) Fleet Certification
Licensing	Commercial Driver's License (CDL) (state regulated)

Resource Typing (Equipment and Teams)

- Helps emergency responders know what capability a piece of equipment needs to have to respond efficiently and effectively
- Resources are Type I – and up. Type I implies a higher capability than Type II, however most types could be deployed for any kind of interstate/intrastate aid.
- Teams are typed and defined using equipment, personnel and trainings .










Example: "Buses"



U.S. Department of Homeland Security
Federal Emergency Management Agency








Resource: Buses							
CATEGORY:		Public Works and Engineering (ESF #3)			KIND:		Equipment
MINIMUM CAPABILITIES:		TYPE I	TYPE II	TYPE III	TYPE IV	OTHER	
COMPONENT	METRIC						
Capacity	Adult Seating	40 or more	30 to 40	14 to 30	Under 14		
Fuel		Gasoline/Natural Gas/Diesel/Electric	Gasoline/Natural Gas/Diesel/Electric	Gasoline/Natural Gas/Diesel/Electric	Gasoline/Natural Gas/Diesel/Electric		
Equipment	Example	 	 		 		
COMMENTS:	Request handicapped wheel chair accessible (special needs) vehicle depending on the mission.						

Example: "Generators"



U.S. Department of Homeland Security
Federal Emergency Management Agency

Resource: Generators							
CATEGORY:	Public Works and Engineering (ESF #3)				KIND:	Equipment	
MINIMUM CAPABILITIES:		TYPE I	TYPE II	TYPE III	TYPE IV	OTHER (TYPE V)	
COMPONENT	METRIC						
Equipment	KW	2000 kW Generator Sound attenuated Trailer mounted (semi tractor) Up to 3015 Amps@ 480 Volts, 3 Phase, 60 Hz Dry weight 89,000 lbs	1500 kW Generator Sound attenuated Trailer mounted (semi tractor) Up to 2260 Amps@ 480 Volts, 3 Phase, 60 Hz Dry weight 59,000 lbs	600 kW Generator; Sound attenuated Trailer mounted (semi tractor) Up to 2080 Amps@ 208 Volts, 3 Phase, 60 Hz / up to 902 Amps@ 480 Volts 3 Phase, 60 Hz Dry weight 37,000 lbs	400 kW Generator Sound attenuated Trailer mounted (pull behind) Multi-voltage distribution panel Up to 1390 Amps @ 208 Volts, 3 Phase, 60 Hz/up to 602 Amps@ 480 Volts 3 Phase, 60 Hz Dry weight 16,800 lbs	125 kW Generator Sound attenuated Trailer mounted (pull behind) Multi-voltage distribution panel Up to 433 Amps@ 208 Volts, 3 Phase, 60 Hz / up to 188 Amps @ 480 Volts 3 Phase, 60 Hz Dry weight 10,610 lbs	
Equipment	Fuel tank capacity	1250 Gallons	1250 Gallons	660 Gallons	470 Gallons	223 Gallons	
Equipment	Dimensions	40' Long x 8' Wide x 13' 5" Tall	40' Long x 8' Wide x 13' 5" Tall	40' Long x 8' Wide x 13' 5" Tall	23' Long x 8' 5" Wide x 11' Tall	18' 5" Long x 6' 5" Wide x 9' Tall	
Equipment	Potential application example	Single or multiple units for: Power plants, heavy industrial facility, high-rise buildings	Single or multiple units for: Universities, hospitals, medium to large manufacturing facility	Retail stores, HVAC system power, multi-story/buildings, light manufacturing, apartment buildings	Large office building, public schools, libraries, and communication equipment.	Small office building, emergency mobile trailers & operations, restaurants.	
Equipment	Setup time	Cables from generator to main power feed estimated at 5+ hours	Cables from generator to main power feed estimated at 5+ hours	Cables from generator to main power feed estimated at 3+ hours	Cables from generator to main power feed estimated at 2+ hours	Cables from generator to main power feed estimated at 1 hour	
Equipment	Example	 XQ2000	 XQ1500	 XQ600	 XQ400	 XQ125	

Future Efforts to Implement NIMS

- ◎ Continue to review and type positions and skill sets for possible credentialing opportunity
- ◎ Continue to type teams and equipment needed for mutual aid
- ◎ Create new trainings for personnel as needed
- ◎ Provide Outreach to Associations and Entities
- ◎ Identify lessons learned

What Does This Mean to You?

Provide a communication baseline where we all understand each other

- ◎ **Become familiar with the Credentialing and Resource Typing documents (on FEMA's website)**
- ◎ **Begin to integrate mutual aid agreements using current terminology**

Reference and Supporting Documents

- ◉ **NIMS Guide 0001: Resource Typing:**
http://www.fema.gov/pdf/emergency/nims/ng_0001.pdf
- ◉ **NIMS Guide 0002: Credentialing:**
http://www.fema.gov/pdf/emergency/nims/ng_0002.pdf
- ◉ **NIMS 5 Year Training Plan:**
<http://www.fema.gov/library/viewRecord.do?id=3192>
- ◉ **Resource Typing and Job Titles for many disciplines from the FEMA Resource Management Website:**
<http://www.fema.gov/emergency/nims/ResourceMngmnt.sh>
[tm#item4](http://www.fema.gov/emergency/nims/ResourceMngmnt.sh#item4)

Questions?

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