WILDLAND/URBAN INTERFACE PROTECTION SPECIALIST

RESOURCE CATEGORY	Fire/Hazardous Materials
RESOURCE KIND	Personnel
OVERALL FUNCTION	The Wildland/Urban Interface Protection Specialist is responsible for the development and/or implementation of a plan to protect people, communities, infrastructure, and the environment
COMPOSITION AND ORDERING SPECIFICATIONS	1. This position can be ordered as a single resource or in conjunction with a National Incident Management System (NIMS) typed team 2. Discuss logistics for deploying this position, such as working conditions, length of deployment, security, lodging, transportation, and meals, prior to deployment 3. Requestor specifies any additional qualifications necessary based on incident complexity and requirements

Each type of resource builds on the qualifications of the type below it. For example, Type 1 qualifications include the qualifications in Type 2, plus an increase in capability. Type 1 is the highest qualification level.

COMPONENT	TYPE 1	TYPE 2	NOTES
DESCRIPTION	Same as Type 2, PLUS: Oversees or leads the development of wildfire-related protection and hazard plans	The Type 2 Wildland/Urban Interface Protection Specialist: Reviews or supports the development of wildfire-related protection and hazard plans, such as the Community Wildfire Protection Plan with local stakeholders and authorities to protect people, communities, infrastructure, and the environment from wildland fire	Not Specified
EDUCATION	Not Specified	Not Specified	Not Specified

COMPONENT	TYPE 1	TYPE 2	NOTES
TRAINING	Same as Type 2, PLUS: 1. ICS-400: Advanced Incident Command System for Command and General Staff - Complex Incidents 2. National Fire Academy (NFA) R0614, Wildland Urban Interface: Fire-Adapted Communities 3. NWCG S-260, Interagency Incident Business Management 4. NWCG S-290, Intermediate Wildland Fire Behavior 5. NWCG S-390, Introduction to Wildland Fire Behavior Calculations	Completion of the following: 1. IS-100: Introduction to the Incident Command System, ICS-100 2. IS-200: Basic Incident Command System for Initial Response, ICS-200 3. ICS-300: Intermediate Incident Command System for Expanding Incidents 4. IS-700: An Introduction to the National Incident Management System 5. IS-800: National Response Framework, An Introduction 6. Training in accordance with National Fire Protection Association (NFPA) 472: Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents or equivalent instruction on responding to and operating in a chemical, biological, radiological, nuclear and explosives (CBRNE) incident 7. Training in accordance with NFPA 1051: Standard for Wildland Firefighting Personnel Professional Qualifications, Wildland/Urban Protection Specialist or NWCG 310-1: Wildland Fire Qualification System Guide, or equivalent 8. Wildfire Mitigation Best Practices Training, or equivalent 9. National Wildfire Coordinating Group (NWCG) S-130, Firefighter Training 10. NWCG S-190, Introduction to Wildland Fire Behavior 11. NWCG S-215, Wildland Fire Operations in the Wildland Urban Interface, or equivalent 12. RT-130, Wildland Fire Safety Training Annual Refresher (WFSTAR) 13. L-180, Human Factors in the Wildland Fire Service	Per NIMS compliance at the time of publication, Incident Command System (ICS)- and Independent Study (IS)- training courses are listed. Equivalent courses must meet the NIMS National Standard Curriculum

COMPONENT	TYPE 1	TYPE 2	NOTES
EXPERIENCE	Same as Type 2, PLUS: KSAs: 1. Ability to lead mitigation teams by supervising activities, mentoring team members, and ensuring operations consider socio-economic, political, and cultural aspects in their recommendations 2. Ability to manage deployments by determining if a request is viable, ensuring team members are qualified, and developing a demobilization plan 3. Ability to facilitate and develop mitigation recommendations, a final report, or an action plan Experience: Three years of relevant NIMS-credentialed Type 2 Wildland/Urban Interface Protection Specialist experience	Knowledge, Skills and Abilities (KSAs): 1. Ability to assess the actual and potential risks, hazards, and values at risk for the wildland/urban interface fire incident given incident intelligence, predicted fire behavior, and agency policies 2. Ability to provide internal and external briefings on structure protection plans, the methodology of assessing the risks and hazards, agency policy, and an overall education strategy 3. Ability to assesses and evaluate evacuation, “protect-in-place”, or structure protection plans given incident intelligence, predicted fire behavior, community maps, and other available resources to support incident response and decisions for emergency response 4. Ability to develop plans and programs associated with the wildland/urban interface and built environment with support from community members, partners, and strategic leaders 5. Ability to assist in the development of post-fire action plans and support community and federal agencies in response to post-fire impacts to the wildland/urban interface Experience: Experience in one of the following roles: 1. Three years of relevant NIMS-credentialed Type 1 Wildland Firefighter experience 2. Three years of relevant NWCG Structure Protection Specialist experience 3. Three years of experience relating to the protection of the wildland/urban interface at the local, state, tribal, territorial, or federal level 4.Three years of experience supporting a U.S. Forest Service Community Mitigation Assistance Team	1. Field experience can be developed during national wildfire and emergency responses relating to the wildland/urban interface and forested communities 2. Field experience must be consistent with wildfire mitigation and/or fire response with communities at risk of wildfire
PHYSICAL/MEDICAL FITNESS	Same as Type 2	1. Functions in this position during an operational incident, planned event, exercise, drill, or simulation at least once every five years 2. Completes all necessary refresher trainings, exams for training courses listed above, and recertifications	Annual recertification, training, and education requirements (e.g., continuing education units, professional development hours, etc.) are established by an accrediting entity and may vary by organization, department, and agency

COMPONENT	TYPE 1	TYPE 2	NOTES
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	Same as Type 2	Certification: 1. NFPA Certified Wildfire Mitigation Specialist 2. NWCG Incident Qualification Card 3. Annual NWCG Refresher Training 4. Mitigation Best Practices Certification 5. Interagency Resource Ordering Capability Certificate and sponsoring agency	The AHJ determines recertification requirements, if any

NOTES

Nationally typed resources represent the minimum criteria for the associated component.

REFERENCES

1. FEMA, National Incident Management System (NIMS), October 2017
2. FEMA, NIMS Guideline for the National Qualification System, November 2017
3. FEMA, National Response Framework, October 2019
4. NFPA 472: Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents, 2018
5. NFPA 1051: Standard for Wildland Fire Fighter Personnel Professional Qualifications, 2020
6. NFPA 1582: Standard on Comprehensive Occupational Medical Program for Fire Departments, 2018
7. NWCG 310-1: Wildland Fire Qualifications System Guide, October 2021