

Wildfire Defense Systems, Inc. Statement of Qualifications

Wildfire Defense Systems (WDS) is a well-established wildfire consultant and contractor with highly experienced personnel, a fleet of wildland engines as well as an inventory of wildfire fighting and home protection equipment and materials. In addition to the wildfire services, we are a Civil/Environmental Engineering Firm and Contractor. Our mix of professional and contracting capabilities allows us to perform projects and assignments from wildfire suppression and pre-suppression to engineering design, permitting, reporting, field services construction and installation. Our client list includes property owners, state and federal agencies (including USFS, BIA and BLM) and private sector clients ranging from regional corporations to Fortune 100 Companies.

Wildfire Field Personnel

WDS Wildfire personnel hold a wide range of Federal Wildfire Training Certificates that represent hundreds to thousands of hours of training with our supervisors holding titles, in part, or all of the following Incident Command System Classifications:

Incident Commander II & III	Strike Team Leader	Felling Boss
Staging Area Manager	Task Force Leader	Crew Boss (20 person)
Division Group Supervisor	Engine Boss	Squad Boss
	Firing Boss	Class C and B Sawyer/Faller

Key Personnel Experience

Short list of key personnel experience includes the following:

Incident Commanders / Duty Officers: WDS Duty Officers include Type II and Type III Incident Commanders. These Officers direct the WDS Operations Center and all field resources during Wildfire Incidents.

Program Managers, Operations Center Specialists: Experienced Managers in Engineering, Architecture, Sciences, Customer Services and Field Services disciplines with extensive private sector project management work histories. Operations Center Specialists with experience in wildfire, GIS and IT disciplines.

Regional Fire Officers: WDS Emergency Response Field Operations are supported by Regional Fire Officers which include qualifications as Incident Commander (Type III and Type VI levels), Division Group Supervisor, Structure Protection Specialist, Task Force Leader and Strike Team Leader. These Regional Fire Officers ensure safety and field operations that follow mission parameters.

Strike Team/Task Force Leaders & Engine Bosses: Single Engine and multiple Engine operations are supervised by these designated Incident Command Classification wildfire officers. Engine crews are staffed with certified FFT1 and FFT2 personnel.

Wildfire Defense Systems Operations Center
(406)- 586-5400
ops@wildfire-defense.com



Insurance Resource Conditional Access Protocol

Insurance Program Resource Utilization Protocol

Insurance Resources are defined as Wildland Engines working under an Insurer Wildfire Program which contract for services directly to the Insurer and not individual homeowners. The following protocols define the Insurance Resource requirements to be listed as an Incident Cooperator and be granted Conditional Access within the wildfire evacuation zones. Any Insurance Program resource that does not meet the qualifications/ credentials or protocols defined herein shall not be granted Incident Cooperator status.

Conditional Access

Access shall be based upon Incident Command retaining Situational Awareness of the Insurance Program Resource in the same fashion as Incident Resources. Thus Incident Command retains Command and Control to remove Insurance Program Resource (in the same fashion as Incident Resources) from any work zones which fire behavior is deemed unsafe for wildfire operations.

Insurance Program Resource Mission

Wildland Engine based pre-suppression and structure protection activities working within evacuated or restricted areas which consist primarily of incident ember zones, safety zones or in the black. This is not a first responder service. Pre-Suppression defensive measures may include emergency fuel mitigation, zone sprinkler system setup, fuel break preparation, retardant application, fire blocking gel application and wildland Engine Operations.

Insurance Resource Required Qualifications/Requirements

- Wildfire operations performed in accordance with the training, safety and operational requirements defined in the USFS Fireline Handbook (NWCG Handbook #3, PMS410-1) and the USFS Incident Response Pocket Guide (PMS#461), as well as other State requirements.
- Insurance Program Resource shall arrive and operate "Wet" on the Incident (self-sufficient).
 - For the purposes of qualification and inspection verification the Insurance Engine Resource Provider shall hold a current State EERA or USFS Federal Suppression Contract.
 - Personnel to be CICCS or NWCG 310-1 compliant with current Red Card to appropriate ICS Position with photo identification and required PPE. Personnel training and certification records to be inspected and approved annually under their EERA/Federal contract requirements.
 - Engines shall be NWCG, California Firescope or OES approved Engines (Type VI to Type III), Tactical Tenders or Tenders which pass annual DOT and Federal/EERA contract equipment/compliment inspections.

Check In Procedure / Interface Procedures

- Insurance Program Resource shall contact AHJ (Agency Having Jurisdiction) Dispatch (XXX-XXX) while in route to incident and follow Dispatcher Instructions for check-in or locate ICP and check in with Liaison Officer or other appropriate ICT ranking personnel.

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- If ICP is not established or located, report via radio and receive instructions.
- In similar fashion to California State Insurance Code Section 16032, all Insurance Program Resources are required to check in with Incident Command and abide by Incident Command Orders. Any Insurance Program which fails to meet these requirements shall be removed from the Incident.
- By the first attended briefing Insurance Program Resource shall provide a hard copy mission submittal packet to Incident Command and an electronic copy to the AHJ Liaison Officer at _____.

Reporting, Briefing and Communication Requirements

- Insurance Program Resources shall utilize programmable radios to meet Federal AG-0343-S-07-9002 (Best Value Contract) or equivalent. The radio must be capable of programming incident frequencies and of operating in the frequency range of 148MHz to 174MHz in the analog wide band (25KHz) and narrow band (12.5KHz) modes or P25 (digital) compliant radios in the frequency range of 138MHz to 174MHz. Radio's may be programmed at ICP via cloning or set to frequencies after receiving authorization by ICP or AHJ Dispatch.
- Insurance Resource Contractor shall obtain their own FCC licensed frequency for their own internal radio communications.
- Insurance Program Resource to provide a liaison whom shall report to the ICT Liaison Officer and attending briefings as required by ICT. The Insurance Program liaison shall provide an updated submittal to include a list of all resources working in the area, properties effected and what level of pre-suppression activities have been initiated.
- The IC or Incident Liaison Officer shall provide ICT instructions to the Insurance Program Resources with whom they should coordinate their activities and communicate to while in the field.
- If pre-suppression occurs, Insurance Resource to document actions and report to Incident Command (i.e. gel application, zone sprinkler systems or other).

Engine Branding / Personnel Identification

- Insurance Engine Resource may be equipped with Red or Yellow Light bars (safety measure for visibility in smoke and visibility for aviation resources). Light Bars shall be restricted to use on incident only.
- Insurance Program Engines should not have presentation intended to mimic Public Emergency Vehicles (color and markings similar to Department/Agency Vehicles).
- Insurance Program Engines shall be configured and equipped to meet NWCG, Firescope and OES specifications in order to meet Engine and compliment specifications required by Federal Suppression or other State EERA contracting. This may include appropriate wildland engine markings for Federal and State service.
- Individual Company and Insurance Program Resource Branding shall be present on Engines which is intended to designate engines as a non-public resource.
- Insurance Program Personnel to carry photo identification and current Red Card (NWCG or CICCIS).
- Insurance Program or Company Identification on Personnel.