

August Complex/CA-MNF-000753 - Monday, August 31, 2020

8. Location	9. Hazard	6. Control or Abatement Action (Engineering, Administrative, PPE, Avoidance, Education, etc)
ALL	Driving & Traffic	<ul style="list-style-type: none"> ~ Practice "Defensive Driving" techniques on all roads. ~ Use spotters when backing. ~ Honk horn to alert personnel when backing. ~ Keep clutter off dash and inside cab. ~ Follow Driving LCES (Lights, Chock blocks, Emergency brake, Seat belts). ~ Always use headlights. ~ Yield to pedestrians and bicycles. ~ Observe posted speed limits. ~ Use the 3 second rule for following distance when driving. ~ Avoid distractions (eating, cell phones, radio). ~ Ensure that windshields are kept clean of dust and bugs. ~ Allow dust to settle to maintain safe visibility.
ALL	Helicopter Operations	<ul style="list-style-type: none"> ~ Stay clear of all bucket drops when suppression actions are in place and allow 1 minute prior to re-entry. ~ Monitor A-G communications. ~ Follow aviation safety guidelines in IRPG P. 58 and IHOG. ~ Report any flying hazards to pilot.
All	Fatigue & Over Exertion	<ul style="list-style-type: none"> ~ Drink 1 quart of water each hour during and after work. ~ Rotate crews out of smoky areas. ~ Set a reasonable work pace and allow adequate rest breaks while on the project. ~ Stagger work crews start time to limit fatigue. ~ Use buddy system to monitor personnel of heat related and fatigue issues. ~ Long travel routes to assignments. ~ Follow work / rest guidelines. ~ Rotate personnel out of smoke as much as possible.
DIVS A,C,D,N,O,R	Firing Operations & Devices	<ul style="list-style-type: none"> ~ Only personnel trained in the use of each device will be authorized to use firing equipment. ~ Ensure all personnel are aware of firing operation that may affect them. ~ Wear appropriate PPE and avoid fuel spills on clothes. ~ Ensure aerial/ground ignition plans have been adequately developed and personnel are briefed.
All	Indirect Fireline	<ul style="list-style-type: none"> ~ Post lookouts, identify escape routes and safety zones IRPG page 7. ~ Review "Strategy/Indirect Attack" (IRPG pg. 87).
ALL	Heavy Equipment Operations	<ul style="list-style-type: none"> ~ Ensure communications are established with operators. ~ Use hand signals if other communications are unavailable. ~ Maintain a 50'-100' exclusion area around equipment and increase it to 1 1/2 times tree height when in timber. ~ Use a spotter when backing. ~ Avoid working below heavy equipment.
ALL	Heat Related Illness (HRI)& Dehydration	<ul style="list-style-type: none"> ~ Drink Fluids throughout operational period (6-8 qts/shift). ~ Maintain water/electrolyte ratio of 3 to 1. ~ Carry extra water on line and cache water at drop points. ~ Take Frequent breaks, minimum of 10 minutes every hour. ~ Allow out of area resources time to acclimatize before expecting peak performance. ~ Recognize symptoms of HEAT RELATED ILLNESS which include. <ul style="list-style-type: none"> o Lack of energy o Headaches, dizziness o Lack of rest o No hunger, poor eating habits o Hot skin, and lack of sweating
AI	Steep Terrain & Rolling Debris	<ul style="list-style-type: none"> ~ Maintain 8'-10' spacing when working & walking. ~ Don't work above any personnel, including bucket work. ~ Be on the lookout for rolling rocks, debris, or burning material. ~ Evaluate necessity to send personnel in areas with limited access. ~ Post lookouts and refer to IRPG page 7.
ALL	Communications	<ul style="list-style-type: none"> ~ Maintain communication with aviation resources, and suppression organization. ~ Ensure all know frequency and protocol for contacting resources. ~ Utilize the ICS 205. ~ Utilize human repeaters when working in dead spots.

All	Extreme Fire Behavior	<ul style="list-style-type: none"> ~ Share weather observations with all personnel assigned to division. ~ Establish "Trigger Points" to withdraw. ~ Use "Risk Management" process prior to engaging in suppression actions, refer to page 1, IRPG.
Branch 1 & 2	Spike Camp	<ul style="list-style-type: none"> ~ Keep a clean camp. ~ Logistical support in place. ~ Ensure communications are in place. ~ Review and observe "Line Spike" considerations IRPG page 95.
Branch 1,2	Power Utilities	<ul style="list-style-type: none"> ~ Notify all personnel of down electrical lines. ~ Refer to the IRPG page 24 for Power Line Safety. ~ Always treat downed wires as energized. ~ Identify and avoid high tension transmission lines. ~ Identify and avoid high pressure natural gas lines. ~ Identify and avoid damaged gas service near structures. ~ Be aware of utility restoration in your work area.
ALL	COVID-19	<ul style="list-style-type: none"> ~ Maintain at least 6' distancing from others when possible. ~ Work as a module of 1 for duration of incident. ~ Wear masks around others if 6' distancing isn't maintained ~ Wear masks in camp at all times \ if others are not around use common sense. ~ Wash hands often and use hand sanitizer through out the day. ~ Report any illness to supervisor immediately and remove yourself from others ~ Notify Medical Unit of any illness ~ Do not share tools or equipment ~ Do not touch any part of your face
All	Wildlife & Livestock	<ul style="list-style-type: none"> ~ Rattle snakes and scorpions are plentiful in this area. ~ Look around before you sit or step over logs. ~ Watch for wildlife and livestock on roads. ~ Clean up all trash and debris through out the day. ~ Wear gloves when moving logs or debris.
All	Night Operations	<ul style="list-style-type: none"> ~ Wear high visibility reflective vests when in roadways. ~ Use glow sticks to mark hazards. ~ Ensure personnel are using headlamps. ~ Watch for signs of fatigue. ~ Take breaks away from areas of known hazard. ~ Review escape routes and safety zones in daylight.
All	Bees, Ticks, Mosquitoes	<ul style="list-style-type: none"> ~ Canvas crew members for those with known allergic reactions to stings. ~ Ensure crew members have medication pens if needed. ~ Perform daily self inspection. ~ Use repellent as necessary. ~ Advanced Life Support, multi-dose epi and airway protection. ~ Keep affected area clean and bandaged. ~ Be extra careful when eating and/or drinking to avoid stings to mouth and throat.
Branch 2 & 4	Chain Saw Operations	<ul style="list-style-type: none"> ~ Follow "Hazard Tree Safety" guidelines, IRPG page 22 ~ Look up, Look down, Look around for hazard tree indicators. ~ Only fell and trees within your expertise, and training. ~ Follow "Procedural Felling Operations" IRPG page 85. ~ Do not fall trees during high wind events. ~ Ensure proper use of all required PPE.
ALL	Illegal Grows	<ul style="list-style-type: none"> ~ Stay away from area ~ Do not touch any containers ~ Stay away from water sources ~ Flag off area and notify Division ~ Hazardous chemicals are most likely present