|  |  |  |
| --- | --- | --- |
| **Incident Risk Assessment Worksheet** | **1. Incident/Activity Name****Initial Attack** | **2. Location**   |
| **Identification of Hazards and** **Risk Assessment** |  **3. Name and Title of Analyst**  | **4. Date**  |
| **5. Pre-Mitigation** | **6. Mitigation or Abatement Action**(Engineering, Administrative, PPE, Avoidance, Education, etc) | **7. Post-Mitigation** |
| **8. Hazard** | 9.Hazard Probability | **10. Severity Code** | **11.** **RAC** |  | 12. Hazard Probability | 13. Severity**Code** | 14. RAC | 15. Acceptable**Yes/No** |
| Driving to Fire |   |   |   | * Only operate/drive equipment that you are quialified or have requisite experience in using
* Comply with State, local and tribal traffic laws and the lawful instruction of emergency and law enforcement personnel
* Abstain from ingesting controlled substances, intoxicating beverages, prescription drugs or other medications that caution against operating a motor vehicle when taken, to avoid being impaired
* Do not transport unauthorized passengers in a Government owned or leased motor vehicle
* Always drive with lights on
* Always wear seat belts
* Do not use cell phones, or talk on radio when driving
* Use passenger to talk on radio and cell phone to relay to communicate for vehicle
* Pull over to safe spot if traveling alone and complete communication on phone or radio
* Always use a spotter when backing
* Follow all work/rest guidelines for driving
 |   |   |   |   |
| **Hazard** | Hazard Probability | **Severity Code** | **RAC** | **Mitigation or Abatement Action**(Engineering, Administrative, PPE, Avoidance, Education, etc) |  Hazard Probability |  Severity**Code** |  RAC | Acceptable**Yes/No** |
| Qualifications&Training |   |   |   | * Personnel will meet physical requirements established for regular firefighting duties with current training and qualifications
* Leadership will meet 310-1 qualifications as outlined for Type 3, 4, 5 incident
 |   |   |   |   |
| Lack of Chain of Command and Communication |   |   |   | * Brief all incoming resources, and use a standard briefing checklist such as back page of IRPG
* Document briefings on unit log, Incident Organizer or comparable document
* Explain leadership responsibilities and expectations from division/group leaders
* Determine hazards, and mitigation protocol to limit exposure
* Discuss expected fire behavior, and plans for an escape
* Discuss weather, Escape Routes, Safety Zones
* Discuss communication plan which includes command and tactical frequencies
* Discuss Emergency Plan outlined in burn plan and Risk Assessment for burn
* Maintain span of control for all forces assigned to incident, and use a complexity analysis (IRPG page 9) to determine if proper skill set is on scene
 |   |   |   |   |
| Entrapment |   |   |   | * Observe Fire Orders and Watch out situations, and LCES
* Position vehicles away from danger and facing forward for quick egress
* Ensure all personnel are skilled in the use of fire shelters
 |   |   |   |   |
| **Hazard** | Hazard Probability | **Severity Code** | **RAC** | **Mitigation or Abatement Action**(Engineering, Administrative, PPE, Avoidance, Education, etc) |  Hazard Probability |  Severity**Code** |  RAC | Acceptable**Yes/No** |
| Hazard Trees&Rolling Debris |  |  |  | * Post lookouts
* Fall hazard trees or flag and avoid Construct cup trenches
* Communicate with crews about rolling debris
* Position possible rolling debris vertically on hillside
 |  |   |   |   |
|  PPE |   |   |   | * Always appropriate PPE which includes:
* Eye Protection
* Hard Hat
* Gloves
* 8” Leather non-skid boots
* Always wear all nomex
* Fire Shelter
* Hearing protection when working around chainsaws and pumps
* Additional PPE as dictated by local conditions and environment
 |   |   |   |   |
| Radiant heat&Contact with Burning Debris&Smoke |   |   |   | * Use PPE with sleeves down, and gloves on
* Work a suitable distance from fire to limit exposure
* Take frequent breaks from fireline to drink water and complete a self-assessment
* Rotate personnel in/out of smoky areas and assess frequently
* Post Lookouts to alert personnel of rolling debris, and fire behavior changes, or other safety related issues
 |   |   |   |   |
| Fatigue&Overexertion |   |   |   | * Drink 1 quart of water each hour during and after work
* 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
 |   |   |   |   |
| **Hazard** | Hazard Probability | **Severity Code** | **RAC** | **Mitigation or Abatement Action**(Engineering, Administrative, PPE, Avoidance, Education, etc) |  Hazard Probability |  Severity**Code** |  RAC | Acceptable**Yes/No** |
| Injury&Medical Emergency |   |   |   | * Assist injured employee appropriate medical care
* Inform direct supervisor of injury
* Follow “Medical Emergency” protocol as outlined in burn plan, and agency specific protocol, and page 49 in IRPG
* Contact Dispatch with appropriate information as required in “Medical Emergency” protocol
* Alert other personnel as outlined in emergency protocol standards
 |   |   |   |   |
|  Wildland FireHazards |   |   |   | * Do not work above or below personnel during firing and mop-up operations
* Watch for falling and rolling debris on steep slopes
* Alert crew personnel of rolling debris by yelling to affected individuals
* Position debris that could roll vertically on slope to limit rolling of object
* Avoid stepping over debris that could roll by walking around object
* Avoid radiant heat by wearing appropriate PPE correctly
* Use correct tool for task assigned
* Post Lookouts and keep in communication with personnel assigned to fire
* Watch out for insects, animals on fireline
* HAZMAT, use IRPG pages 32-35 for procedures
* Watchout for Aircraft in area
 |   |   |   |   |
| **Hazard** | Hazard Probability | **Severity Code** | **RAC** | **Mitigation or Abatement Action**(Engineering, Administrative, PPE, Avoidance, Education, etc) |  Hazard Probability |  Severity**Code** |  RAC | Acceptable**Yes/No** |
|  Wildland FireHazards |   |   |   | * Look up, down and around for:
* Changing weather conditions
* Changes in fire behavior
* Signing for Oil/Gas Operations
* Powerlines
* Heavy Equipment
* Wildland Urban Interface, refer to pages 10-14 in IRPG
 |   |   |   |   |
|  |   |   |   |  |   |   |   |   |
|   |   |   |   |  |   |   |   |   |
|   |   |   |   |  |   |   |   |   |
| **Agency Administrators Signature and Date** |  **Preparers Signature and Date** |