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| **Incident Risk Assessment Worksheet** | **1. Incident/Activity Name****Pumps and Hoses** | **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** |
|  Excessive Noise |  |   |   | * Wear hearing protection commensurate with excessive noise
* Use distance to minimize decibels near pump
* Rotate personnel at pump site every 2 hours
 |   |   |   |   |
|   |   |   |   |  |   |   |   |   |
| Qualifications&Training |   |   |   | * Personnel will meet physical requirements established for regular firefighting duties with current training and qualifications
* Qualified pump operators will have S-211
 |   |   |   |   |
|  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
 |   |   |   |   |
| Fueling Pumps |   |   |   | * Change fuel cans at a distance > 6’ from water source
* Use absorbent pads to clean up excessive fuel during fueling operations
* Ensure fuel is mixed at the proper ratio
 |   |   |   |   |
| **8. Hazard** | 9.Hazard Probability | **10. Severity Code** | **11.** **RAC** |  | 12. Hazard Probability | 13. Severity**Code** | 14. RAC | 15. Acceptable**Yes/No** |
| FuelingPumps |   |   |   | * Ensure Fuel can has tag with mix ratio attached
* Use only DOT approved cans designed for pump in use
* Always use fresh fuel (refer to tag on can)
 |   |   |   |   |
| Pump Operations |   |   |   | * Always follow manufacturer’s instructions operations
* Secure pump with foot or use 2 people to secure pump when starting
* Secure pump to limit vibration for movement away from water source
* Check pump for loose parts, and conduct routine maintenance and inspection each fuel cycle
* Grease pump each fuel cycle
* Ensure hose couplings are tight and foot valve is removed from debris to allow flow
 |   |   |   |   |
|   |   |   |   |  |   |   |   |   |
|  |   |   |   |  |   |   |   |   |
| **Agency Administrators Signature and Date** |  **Preparers Signature and Date** |