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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** |
| Fueling  Pumps |  |  |  | | * 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 | | | |  | |  |  |  |
|  |  |  |  | |  | | | |  | |  |  |  |
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| **Agency Administrators Signature and Date** | | | | | | | **Preparers Signature and Date** | | | | | | |