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| Form 1112-5  (May 2001) | Central Utah Interagency FireRISK MANAGEMENT WORKSHEET |  |

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| 1. Organization and Location  Central Utah Interagency Fire | | | | | | | | | | | | 2. Page \_\_\_\_\_1\_\_\_\_\_\_\_of\_\_\_\_\_\_1\_\_\_\_\_\_\_\_ | |
| 3. Operation / Task **Terra-Torch Operation** | | | | | | 4. Beginning Date:  01/26/2023 | | 5. Ending Date:  01/26/2024 | | | | 6. Date Prepared/Reviewed  Reviewed Russ Ivie 01/26/2023 | |
| 7. Prepared by *(Name / Duty Position*)  Cory Norman / Fuels Specialist / Beaver RD April 11, 2019 | | | | | | | | | | | | | |
| 8. Identified Hazards: | 9. Assess the Hazards Initial | | | | 10. Control Measures Developed for Identified Hazards: *(Specific measures taken to reduce the probability of a hazard.)* | | 11. Assess the Hazard’s Residual’s Risk | | | | 12. How to Implement the Controls*: (Include SOP’s, references, etc.)* | | 13. Supervision and Evaluation Method: *(Continuous Leader Checks, Buddy System, etc.)* |
| (Be Specific) | L | M | H | E | (Be Specific) | | L | M | H | E | (Be Specific) | | (Be Specific) |
| **Operation** |  |  |  |  | Read manufactors manual,and checklist. Wear proper PPE (nomex, hard hat, ear/eye protection, gloves, and boots). Ensure supervision by TTOP qualified operator. Become familiar with pump operation and valves prior to mixing fuel. | |  |  |  |  | Training, Tailgate Safety Briefing, Terra-Torch SOP | | Continuous Leader Checks |
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| * Fueling, Mixing Fuel, Tank Circulation |  | X |  |  | Verify torch is grounded and ground the fuel dispensor when re-fueling. Use proprer mixing techniques following step by step directions, using correct quantities of mixing agent. Clean up minor spills of mixing agent and fuel to avoid slips. Properly circulate fuel in the tank while adding mixing agent, until mixture reaches desired consistency. | | X |  |  |  | “ | | “ |
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| * Gun Operation |  | X |  |  | Ensure tip is clean prior to ignition or starting pump. When pump is running point gun only in direction of desired fire. If gun trigger leaks, tighten or replace before next tank is mixed. | | X |  |  |  | “ | | “ |
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| * Apparatus Cleanup | X |  |  |  | When storing apparatus for extended periods of time flush both the hoses, gun, and tank with diesel fuel. | | X |  |  |  |  | |  |
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| 14. Remaining Risk Level After Control Measures Are Implemented: (CIRCLE **HIGHEST** REMAINING RISK LEVEL) | **LOW**  **(Line Supervisor)** | **MEDIUM**  **(Branch Chief)** | **HIGH**  **(District Manager)** | **EXTREMELY HIGH**  **(Must be State Director/Associate)** |
| 15. RISK DECISION AUTHORITY: (Approval/Authority Signature Block) (If Initial Risk Level is Medium, High or Extremely High, Brief Risk Decision Authority at that level on Controls and Control Measures used to reduce risks. NOTE: if the person preparing the form signs this block, the signature indicates only that the appropriate risk decision authority was notified of the intial risk level, control measures taken and appropriate resources requested; and that the risk was accepted by the decision authority.)  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  (Signature) | | | | |