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| **JOB SAFETY ANALYSIS** | **Job Task:** Hot Patch Machine Use | **Date: 2011** | **Analysis Performed By:**  Berwick Borough |
| **SEQUENCE OF BASIC JOB STEPS** | **POTENTIAL HAZARDS** | | **RECOMMENDED ACTION OR PROCEDURE** |
| 1. Establish a safe work area | * Being struck by a motor vehicle * Potential damage to a passersby * Tripping * Injury to coworker * Damage done to surrounding parked vehicles | | * Place “Road Work Ahead” signs at a reasonable distance from actual place of work. * Wear fluorescent t-shirts and   Reflective vests   * All non-operators should remain at a safe distance from work area * If parked vehicles are in the vicinity, ask owner to move them, to ensure no damage is done to vehicle * Inspect the area for any objects that may trip or a pose a threat to the operator |
| 2. Personal safety | * Could be struck in eye by flying debris * Could be a hazard to potential hearing loss * Could lose grip on nozzle and place others in harm * Could inhale potentially   hazardous material   * Could slip and fall * Hot oil could splash on operator | | Once safe area has been established and secured, the worker should place eye protection, ear protection, hand protection, mouth protection, respiratory protection, protective clothing and other PPE appropriately. |
| 3. Inspection of Equipment | * Equipment breakdown or failure to start * Unsafe attachments and materials * Potential damage or malfunctions | | Inspect level of oil and stone; temperature of oil; all throttle cables; all lubricating oil; machine stop devices; wires; gauges; hydraulic lines on dump truck; gasoline of truck and patcher. |
| 4. Patching Process | * Hot oil could hit worker * Loose stone could cause driving hazards | | * Operator and truck driver must coordinate, so that hose is directly above the pothole * Clear pothole of any loose debris * Fill pothole with stone, then stone and oil, and then stone |