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| JOB/TASK NAME: WeldingJob Safety Analysis Form | PAGE 1 OF 1 | DATE: 2/20/15 | NEW REVISED |
| EMPLOYEE(S)/POSITION(S) PERFORMING THE JOB: Grounds | SUPERVISOR(S): Levi Reed | ANALYSIS BY: Jacob Carter |
| PLANT/LOCATION: Campus | DEPARTMENT(S): Grounds | SHIFT (if applicable): | APPROVED BY: Chris Gale |
| PERSONAL PROTECTIVE EQUIPMENT: Gloves, Welding Mask |
| TRAINING REQUIREMENTS: |
| JOB STEPS | POTENTIAL HAZARDS | ACTION/PROCEDURE TO CONTROL OR ELIMINATE |
| 1 | Clean off object to be welded | Sharp edges could cause lacerations to hands or body | Wear leather gloves |
| 2 | Spray weld primer onto anything to be welded (zinc spray) | Inhaling zinc fumes | Only use zinc spray in a well ventilated area, always spray away from face |
| 3 | Open gas until pressure is 25 psi on flow meter | None | None |
| 4 | Hook grounding clamp on object near welding area | Pinch points from clamp | Keep fingers and hands firmly on handle of clamp away from object and teeth of the clamp |
| 5 | Plug in welding machine | Frayed wire could cause electrical shock | Check over electrical wire for any worn insulation |
| 6 | Put on welding mask | Visor of a wrong grade design for the type of welding being conducted could cause damage to eyes | Check with manufacturer instruction manual for the types of jobs the visor is designed for |
| 7 | Conduct several test welds on scrap metal to achieve the proper wire feed speed | Hot surface and sparks could cause burns to hands or body. Ultraviolet light could cause eye damage. Welding fumes could cause lung cancer. | Wear leather gloves. Wear proper visor of a grade designed for the type of welding you are conducting. Weld only in well ventilated areas. Have a fire extinguisher on site at all times. |
| 8  | Touch wire to metal while moving in a smooth motion. Constantly holding down the torch trigger. | Same as above | Same as above |