

## MAINTENANCE TECHNICIAN JOB HAZARD ASSESSMENT

| Job Hazard  | Hazard Control  |
|---|---|
| Trip or fall hazards  | Walking/working surfaces training for working around uneven, wet and slippery surfaces (includes warning to others of slippery surfaces); use cord cover and out of traffic areas   |
| Fire and explosion while refueling  | Turn off vehicle while refueling. Prohibit smoking while fueling. Avoid inhaling vapors.  |
| Periodic lifting/climbing/bending/stooping  | Use proper lifting techniques; Ergonomic training; use dolly/cart   |
| Potential electrical shock  | Avoid working around electrical equipment or outlets; ensure insulation on electrical cord is unbroken; call in electrician for electrical repair/connection  |
| Elevated noise level  | Use ear protection; erect enclosures around machines; practice timely and regular maintenance; add material to reduce vibration (damping)   |
| Fire and Emergency response   | Training would include: fire extinguisher use, phone communication, first aid   |
| Cuts, crush, pinch, etc. during operation and/or maintenance of powered equipment (electrical, pneumatic, hydraulic, etc) | Keep protective guards in place; disconnect from power source before servicing; use lockout-tagout; use PPE; keep away from power lines   |
| Burns and other injuries from welding   | Keep a fire extinguisher at welding sites; do not attempt to weld in an enclosed, non-ventilated area, wear proper eye, hand and body protection.   |
| Falls from ladders/elevated work areas  | Select proper ladder; maintain 4:1 slope ratio with straight ladders; seek assistance in dangerous and high traffic areas; don't carry tools while climbing; extend 36" if climbing over roof; do not use: top step of stepladder and top 3 rungs of straight ladder; use personal fall arrest system |
| Injuries from vehicular accidents   | Wear seatbelt at all times; follow traffic rules; practice defensive driving; park in authorized spaces and do not obstruct traffic; do not use radio/phone while operating vehicle   |
| Heat-related illness  | Work during cooler part of day; wear a hat; drink plenty of water; take rest breaks as needed   |

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| Recommended Training                     | Recommended PPE       |
|--|-----------------------|
| • IIPP                                   | • Gloves              |
| • Fire/Emergency Response                | • Safety glasses      |
| • Fall Protection                        | • Ear protection      |
| • Hazard Communication                   | • Respirator          |
| • Hand and Power Tools                   | • Protective clothing |
| • Lockout-Tagout                         | • Body harness        |
| • Back Safety                            | • Hat                 |
| • Respiratory Protection                 |                       |
| • Hearing Conservation                   |                       |
| • Utility Cart                           |                       |
| • Defensive driving                      |                       |
| • Asbestos Awareness                     |                       |
| • Confined Space                         |                       |
| • Aerial lift and forklift certification |                       |
| • Heat Illness Prevention                |                       |

| Safety Equipments @ work area (s)                            |  |
|--|--|
| <input checked="" type="checkbox"/> Emergency Eyewash/Shower | <input checked="" type="checkbox"/> Fire extinguishers     |
| <input checked="" type="checkbox"/> First Aid kits           | <input type="checkbox"/> Spill kit                         |
| <input type="checkbox"/> AED accessible                      | <input type="checkbox"/> Lab Fume Hood                     |
| <input checked="" type="checkbox"/> MSDS station             | <input checked="" type="checkbox"/> Lockout tagout station |