MAINTENANCE TECHNICIAN – PLUMBING/POOL MAINTENANCE 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
Heat-related illness	Work during cooler part of day; wear a hat; drink plenty of water; take rest breaks as needed
Chemical burns, inhalation harmful fumes/vapors	Pour chemical close to water surface and out of wind when adding to pool. Wear respirator, gloves and safety glasses
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; shut-off electricity if possible; 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/soldering/steam/hot water pipes	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

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	spaces and do not obstruct traffic; do not use radio/phone while operating vehicle
Presence of hazardous atmosphere from confined space work	Monitor air for oxygen, flammable/toxic, explosive gas; get confined space permit as required; always have an attendant outside confined space to monitor those inside

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)	
☒ Emergency Eyewash/Shower	☒ Fire extinguishers
☒ First Aid kits	☐ Spill kit
☐ AED accessible	☐ Lab Fume Hood
☒ MSDS station	☒ Lockout tagout station