



Job Hazard Analysis

Analysis by: Roger Worms

Reviewed by:

Approved by:

Department: Ladder

Date: June 20, 2017

Possible Hazards or Task	Describe Harm that could occur	Hazard Rating (Low/Medium/High)	Control Action	Personal Protective Equipment (PPE)	Frequency of Monitoring
Inspect ladder before each use.--Make sure all rivets, joints, nuts, and bolts are tight; feet, steps, and rungs are secure; spreaders and pail shelf function properly (step ladders);and rung locks, rope and pulley are in good condition (on extension ladders).--Ladder should be clean, free from grease ,oil, snow, mud, wet paint, or any slippery material. Keep shoes clean.--Never make temporary repairs to a ladder.--Get help for heights over 8 feet--Fall protection for heights over 8 feet--Inspect the ladder by checking the following:-- GENERAL: Loose steps or rungs. Loose nails, screws, bolts, or other metal parts. Cracked, split or unbroken uprights, braces, steps, or rungs. -- STEPLADDERS: Wobbly (from side to side). Loose or bent hinge spreaders. Broken stop on hinge	Slip or Fall Equipment damage		Never use a ladder when working alone use a Buddy system. For example when you are working alone in a school on a weekend or evening.		Each use



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spreaders. Loose Hinges-- EXTENSION LADDERS: Loose, broken, or missing extension locks. Defective locks that do not seat properly when the ladder is extended. -- TRESTLE LADDERS: Loose hinges. Loose or bent hinge spreaders. Wobbly. Stop on hinge spreader broken. Center section guide out of alignment. Defective locks for extension.					
Never leave a ladder set up and unattended.	Collision		If you need to leave your work space take the ladder down or leave your buddy to watch the ladder		
If you are in poor health, subject to fainting spells, have a physical handicap that would impair your climbing ability, or if you are under the influence of any drug or alcohol (including legal drugs that may cause drowsiness) do not use a ladder.	Fall		Assess muscle strength, be sure you are capable of climbing a ladder		



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Set up ladder, make sure ladder is fully open, spreaders are secure, and pail shelf is in position (stepladders). Extension ladders should extend 3 rungs above any surface you intend to mount and should be secured at the top	Electrocution-- Lightning--Fall		Do not use ladder in high winds or during a storm--Place ladder on a level surface-- Do not place in front of a door without blocking off the door--Extension ladders should be placed a one distance of on foot away horizontally for every 4 feet of vertical rise.--Assess muscle strength, use buddy system if necessary.		
Climb ladder	Fall		Face ladder when climbing up or down; keep body centered between side rails. Do not reach; move ladder when needed. Do not stand, climb or sit on ladder top (step ladders) Do not carry tools or parts when climbing ladders		
Perform task	Fall--Spill--Falling Object		Do not reach; do not "walk" or "jog" the ladder. Keep ladder close to work; avoid pushing or pulling off to the side of ladder.		
Descend ladder Never use a chair or desk in place of a ladder	Fall--Spill--Falling Object Falls		Face ladder when climbing up or down; keep body centered between side rails. Always use approved ladders or step stools.		