

Worksite: _____ Instructor: _____ Date/Time: _____

TOPIC C479: MATERIAL HANDLING (GROUND TO ROOF)

Introduction: Moving material from ground to the roof, or vice-versa, can create hazardous situations. Fall Protection training is required before work on rooftops.

Supply Bucket:

- Ensure ladders are in good condition, inspect prior to use. Look for loose rungs, feet and rivets. Check movable parts for proper functionality. When on the ladder- face the ladder at all times. Maintain a 3 point contact when on the ladder. Never carry loads on a ladder. Use a pulley system and a supply bucket for hand tools. All else requires a forklift or crane/hoist to get material to the roof
- Never fill a supply bucket closer than 2 inches from the top to keep material from falling out. Use a metal supply bucket or other robust material. If it needs to be used for liquids, make sure all seams are tight. The handle must be riveted to the bucket. Bucket requires a cast or forged steel hook with a safety latch to prevent a bucket from becoming unhooked. No leaky buckets to eliminate slip hazards

Crane Hoist/arm from edge:

- If using a hoist with rope-use minimum $\frac{3}{4}$ manila rope. Inspect the ropes prior to use for any broken fibers, burns, mildew and cuts. Replace rope that fails inspection. Also- securing chains, ropes, chokers, or slings require inspection as does straps, ropes, or chains used to secure the load
- Use hooks with safety latches or other devices when hoisting material so that slings or load attachments won't slip off. Use tag lines or guide ropes to control loads (if necessary).
- Hoist/pulley shall mount on a Davit or pivot arm-check load capacity-should support 3X load. A steel or wood beam arm for a manual rope pulley- 3X load. Wood arms must be set on edge. If a counterweight is used, make sure it's secured. If a manual or powered hoisting jack is used -3 X the load. Inspect all mechanized equipment daily, or before use

Use of Forklifts for ground to roof:

- Do not store materials (must be stable and secured) or equipment 6 ft. in from a roof edge, without guardrails installed. Material stored inside buildings under construction must not be within 6 ft. of any hoist-way, floor opening or within 10 ft. of an exterior wall that's shorter than the top of the material being stored.

Safety:

All chutes must have side boards high enough to prevent materials from falling off

Make sure that the delivery end of rollers or chutes have a way to stop the movement of materials at the end

Never drop or throw material from an elevation to the ground

Do No Work near power lines; Always be prepared for wind; Inspect all pallets before loading, moving, raising or lowering them

Employee Attendance:(Names or signatures of personnel who are attending this meeting)

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_____	_____
_____	_____
_____	_____

These guidelines do not supersede local, state or federal regulations, and must not be construed as a substitute for, or legal interpretation of, any OSHA regulations.