



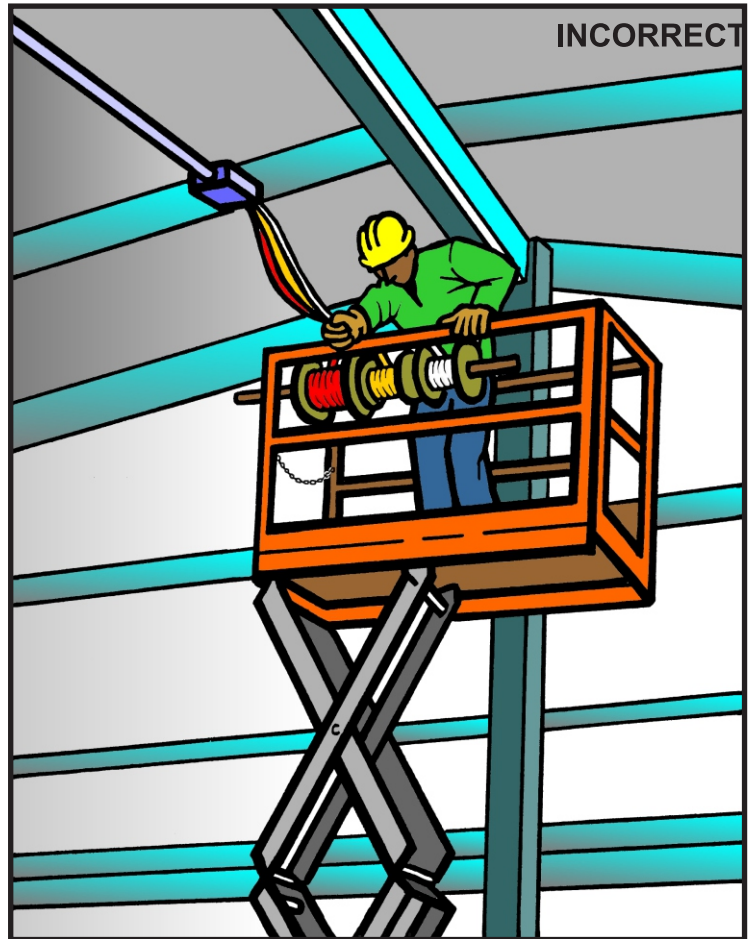
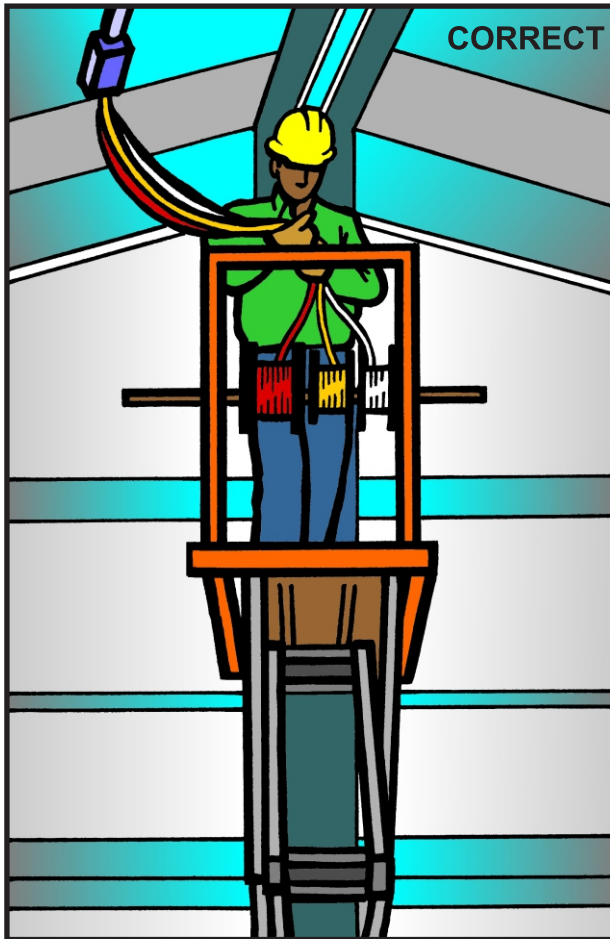
TOOLBOX

SAFETY TRAINING

Company _____ Location _____ Date _____

Vol 32 - No 28

SCISSOR LIFT SAFETY



Most of the time there are little or no hazards associated with using a wire puller and pulling wire through conduit 25 feet, 50 feet 100 feet or more. Scissors lifts provide assistance in they allow electricians to maneuver at higher elevations. When feeding wire into conduit at higher elevations, they can mount wire spools to the lift. Unfortunately, it is those rare occasions when the circumstances are right that accidents happen.

The problem occurs when feeding wire with the scissor lift fully extended. It is susceptible to being pulled over. What happens is that the wire puller creates a great force when wire is pulled through long runs. Friction is created when bending through conduit and the friction is increased when pulling heavier gauge wire. If the scissor lift is extended enough and the puller generates a sudden sharp increase in force, the scissor lift could be pulled over to the ground.

To eliminate this, the scissor lift should be maneuvered so the wire spools are mounted parallel not perpendicular to the run (see illustration). This would place the scissor lift in a stronger position to resist the force placed against it. Unfortunately these types of accidents are still happening.

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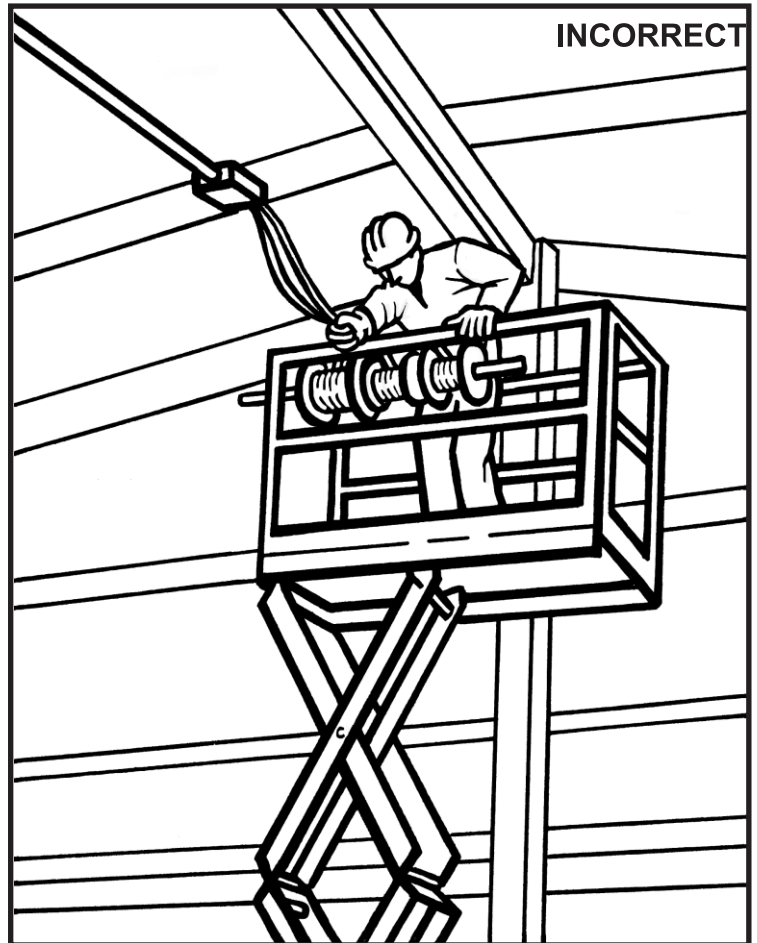
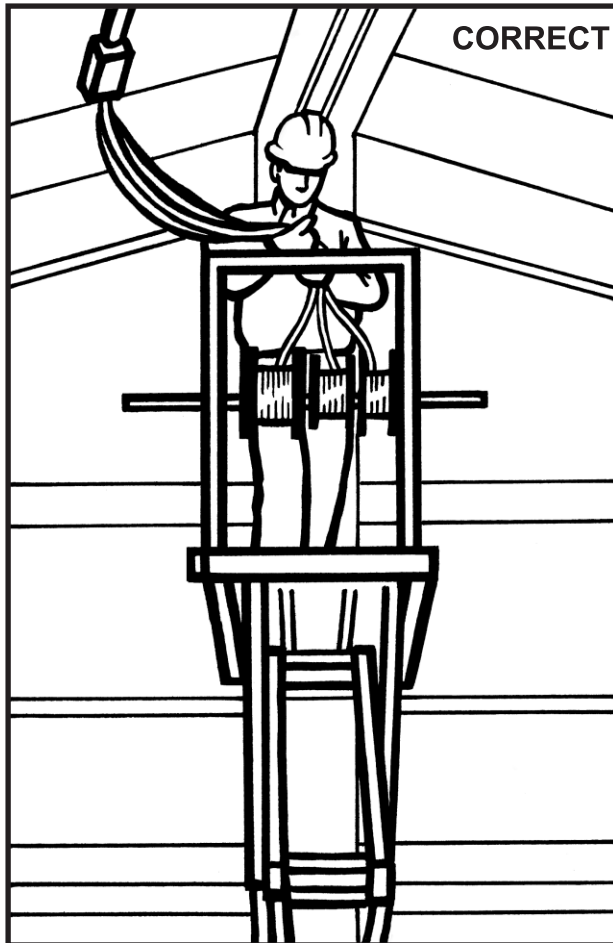
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