



## REBAR AND OTHER PROTRUDING PROTECTION

### 1. Task

To protect workers from injury due to contact with exposed ends of reinforcing rods, electrical conduit, threaded rod, etc.

### 2. Hazards

Cut by, impaled by, tripped by hazards.

### 3. Controls

Pre-Job Safety Assessment (PSA). Physical protection of all exposed ends of reinforcing rods.

- ❖ All protruding Dowels and Rebar shall ALWAYS have protection, to protect the worker from impalement, puncture to the body, and serious cuts.
- ❖ Critical injuries can result from falling on unprotected rebar.
- ❖ Note: Orange rebar caps are not legal for impalement protection in most jurisdictions. They are good for protecting against cuts and scrapes when working amongst rebar but should not be relied on when working above exposed rebar verticals.
- ❖ Rebar shall have protection in the form of:
  - a) 2x4, cut to length, as required as a top capping.
  - b) Two pieces of plywood or 2x4 cut to length and nailed securely to top capping.
  - c) Wood capping assembly is to be wired securely to rebar dowels or use Carnie caps.
  - d) Candy Cane rebar to be utilized when possible.
- ❖ Once the rebar protection is made, it shall be installed on the rebar, and secured with wire, or other suitable material so that it cannot be knocked off.
- ❖ Rebar protection that has been removed for other work to proceed shall be replaced immediately. Upon completion of that other work, if rebar/dowels are still a hazard at the completion of the work. **DO NOT LEAVE REBAR UNPROTECTED!**
- ❖ Rebar that is low to the ground or bent over at 90 degrees shall be painted with orange paint or identified with red flagging tape. If this is in a common pathway then it shall be securely covered with a wooden ramp.
- ❖ Rebar or Dowels sticking out from walls in a horizontal position shall always have protection.
- ❖ Workers working installing rebar for vertical columns, should ensure that rebar below them has protection installed.
- ❖ All efforts are to be made to have rebar pre-bent where it will be installed in an area that creates a protruding hazard.