

KEYWORDS: HAND TOOLS ; TOOLS; HAND; SCREWDRIVERS**10-15 MINUTES**

Topic: Screwdrivers



IDEAS FOR YOUR TALK:

- People remember facts better when they're interactive and visual: use Hand tools - Screwdrivers to illustrate or demonstrate your risk statements.
- People remember stories better than raw facts: think of a personal story that you can share.
- People structure thoughts to remember them: think of risks or defects that can occur with each component of Hand tools - Screwdrivers.
- YouTube is another good source of information and offers many safety videos and demonstrations. Select only videos that are high-quality.

Explain dangers:

More than any other tool, the screwdriver is used for jobs it was never meant to do. People use them for chipping, chiseling, scraping, prying, digging, gouging, testing circuits, making holes, stirring paint, propping doors open, and taking the lids off cans. When used improperly, workers have suffered eye injuries from flying fragments of screwdrivers struck with a hammer. However, the most common abuse of the screwdriver is using one that doesn't fit or match the screw. That means using a screwdriver too big or small for the screw or not matched to the screw head. The results are cuts and puncture wounds from slipping screwdrivers.

Demonstrate:

Review the types of screwdrivers used by your crew. Inspect a few for evidence of wear, damage, or misuse.

1. SUGGESTED ENGAGEMENT QUESTIONS:

- Who has used Hand tools - Screwdrivers on this job?
- What is the main risk involved in using Hand tools - Screwdrivers?
- Has anyone heard of an incident or accident involving Hand tools - Screwdrivers?

2. TALKING POINTS:

- Use the right screwdriver for the job. This means use the right size of screwdriver. One that is too big or small for the screw can only lead to trouble. You'll chew up the screw head, damage the screwdriver, gouge the material, or scrape your knuckles.
- Make sure that the screwdriver handle is intact, free of splits or cracks, and clean of grease and oil.
- You should only need enough force to keep the screwdriver in contact with the screw. With a properly sized and drilled hole, the screw will draw itself into the material with minimum pressure and guidance.
- Don't hold the material in one hand and use the screwdriver with the other. The screwdriver can slip and cut your hand.
- Discard screwdrivers with chipped handles, bent shanks, and twisted or excessively rounded tips.
- Don't use bench grinders to restore tips. The excessive heat can destroy temper and reduce the hardness of shank and tip. Filing should be done by hand.
- Use screwdrivers with large handles for better grip.
- Don't use pliers on the handle of a screwdriver for more power. To remove stubborn screws, use a screwdriver with a square shank designed for use with a wrench.

3. CLOSING QUESTIONS:

- Do you know of any damaged Hand tools - Screwdrivers?
- Do you have questions on this subject, inspection or safe use?
- Are you aware of a risk on this jobsite that shouldn't be?



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