

# WEEKLY SAFETY MEETING

FOR THE CONSTRUCTION INDUSTRY

SAFETY MEETING OUTLINES

Box 700, Frankfort, IL 60423

815-464-0200

No. 8

Vol. 21

Week of 2/20/2023

Company Name \_\_\_\_\_ Job Name \_\_\_\_\_ Date \_\_\_\_\_

## POWDER-ACTUATED TOOLS

Powder-actuated tools are used frequently on many jobsites. These tools are designed to fire a cartridge propelling a fastener into concrete, steel and other surfaces. Only trained and qualified employees are allowed to operate powder-actuated tools. All powder-actuated tools must be tested daily before use, and any defect that is discovered before or during use, must be corrected.

Some of the hazards connected with this type of tool should be quite apparent to you. They include such things as accidental discharge, ricocheting fasteners, flying chips, explosions if used in combustible atmospheres, and complete penetration of the work material by the fastener.

Operators need to wear proper personal protective equipment, including approved safety goggles. A hard hat and hearing protection are also recommended. Never point a powder-actuated tool toward anyone. Prior to firing the tool, make sure you know what you are firing into, that no one is on the other side, and that the area is clear. Insert the firing cartridge when you are ready to fire. Tools should never be loaded until immediately before use. In case of a misfire, the tool should be held against the work surface for at least 30 seconds, then try firing again. If the tool misfires a second time, wait another 30 seconds holding it against the work surface; and then remove the cartridge and inspect the tool. Never leave a powder-actuated tool unattended.

After use, make sure to clean and lubricate the tool according to the manufacturer's specifications, and then store it properly. If you have any questions about operating a powder-actuated tool, check with your supervisor or contact the tool manufacturer's representative. Never by-pass safety devices on powder-actuated tools, and always dispose of spent cartridges properly.

Like all tools, if you abuse powder-actuated tools or take chances when using them, someone is likely to be hurt. Use powder-actuated tools, and all other tools safely – they will help make your job easier and make you more efficient.

For more information about powder-actuated tools check the manufacturer's documentation and OSHA standard 1926.302(e).

**When the job calls for a powder-actuated tool,  
be sure you select the correct cartridge  
for the fastener you are using.**

### SAFETY REMINDER

Special Topics For Your Project \_\_\_\_\_

Employee Safety Recommendations \_\_\_\_\_

Reviewed MSDS # \_\_\_\_\_ Subject \_\_\_\_\_

Meeting Attended By \_\_\_\_\_

Supervisor's Signature \_\_\_\_\_