

ONE POINT LESSON

Lesson Title: Portable Air Gun Dead-End Pressure

Date:

Provided by Company Name:

Contact:

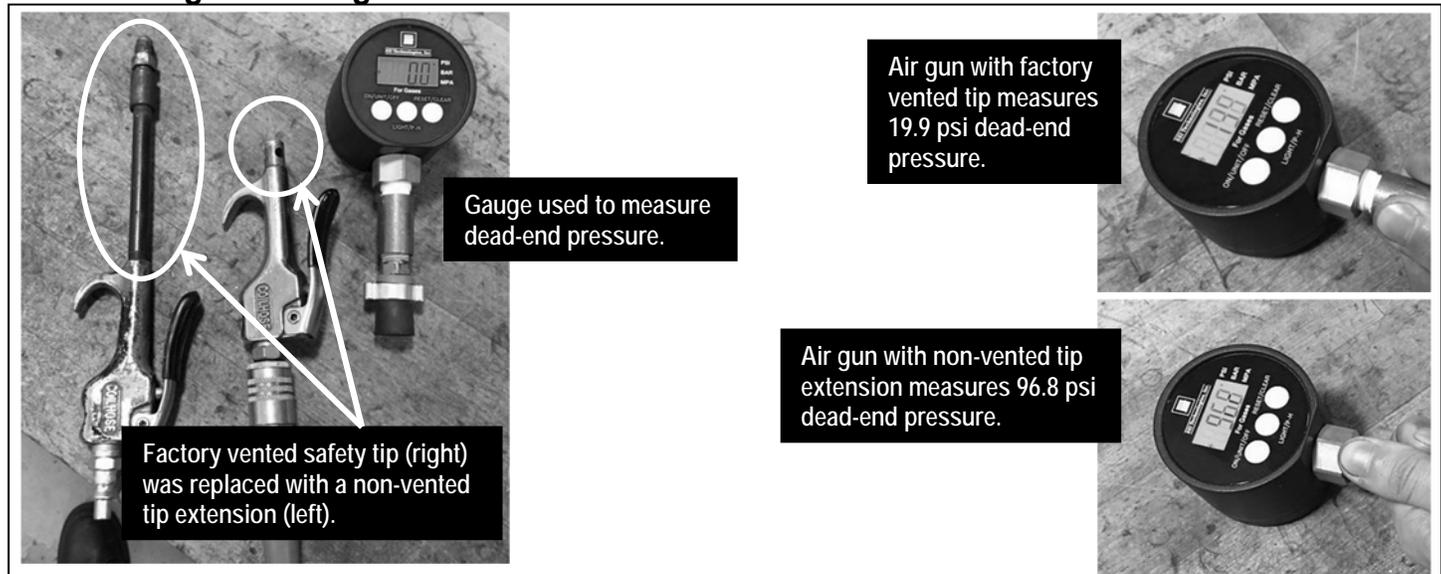
Summary:

Portable air guns are designed with safety tips that prevent dead-end pressure from exceeding 30 psi. Improper modifications are made in the workplace to replace the vented safety tips with non-vented tips and extensions. These modifications defeat the safety features and allows the dead-end air pressure to exceed 30 psi, creating a severe hazard to employees.

Undesirable Condition / Practice:

1. Portable air guns are improperly modified by replacing vented safety tips with non-vented tips and extensions.
2. Modifications allow the dead-end air pressure to exceed 30 psi, making portable air guns a danger to employees.
3. High pressure air can penetrate the skin and cause severe injuries.
4. Vented safety tips should only be replaced with vented tips and extensions that prevent dead-end air pressure from reaching 30 psi or more.

Photos/ Diagrams/ Images:



Corrected / Proper Condition / Practice / Benefits:

1. Ensure that all portable air guns are equipped with vented safety tips and features that prevent dead-end air pressure from reaching and exceeding 30 psi.
2. Remove all portable air nozzles from the workplace that do not meet this safety requirement.
3. When modifying portable air guns, make sure that replacement tips and extensions are vented and will prevent dead-end air pressure from exceeding 30 psi.
4. Ensure all affected employees are aware of this safety rule. Refer to MIOSHA General Industry Part 1, Rule 36 (OSHA 29 CFR 1910.242(b)).

