

Portable Tools: Fuel Power Tool Requirements

Department: Chemical and General Safety

Program: Portable Tools

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Authority: ES&H Manual, Chapter 25, Portable Tools

Use of portable fuel power tools must meet the following requirements, in addition to those found in Portable Tools: Power Tool Requirements.¹

Note Always visually inspect tools before use and remove any found to be defective from service.

General

1. All fuel power tools must be stopped and shut down for refueling, servicing, or maintenance. Fire extinguishers must be available in the immediate area. All fuel power tools must meet the requirements of Chapter 12, "Fire and Life Safety", for combustible materials.²
2. Fuel power tools must not be used inside of any building. An alternative tool must be used.

Gasoline Power Tools

1. Gasoline must be stored in approved containers or portable tanks per Department of Transportation (DOT) regulations.
2. Fire extinguishers of the correct type must be available where gasoline is stored.
3. An additional extinguisher must be located outside of the room or immediate area where the gasoline is stored.
4. When tools are filled, or when gasoline is transferred between containers, proper grounding and bonding procedures must be used.

Gasoline Power Saws

1. The saw must have a control that returns to idle when released.
2. The clutch must be adjusted to prevent the chain drive from engaging at idle speed.
3. The operator must be positioned properly to avoid injury in case of kick back.
4. The engine must be stopped when the saw is carried over 100 feet, or when it is being cleaned, refueled, adjusted, or repaired.

1 Portable Tools: Power Tool Requirements (SLAC-I-730-0A21S-027), <http://www-group.slac.stanford.edu/esh/eshmanual/references/toolsReqPower.pdf>

2 SLAC Environment, Safety, and Health Manual (SLAC-I-720-0A29Z-001), Chapter 12, "Fire and Life Safety", http://www-group.slac.stanford.edu/esh/general/fire_safety/policies.htm