



INDIANA UNIVERSITY

OFFICE OF THE EXECUTIVE VICE PRESIDENT
FOR UNIVERSITY ACADEMIC AFFAIRS

University Environmental Health and Safety

APPENDIX I - Operating Controls and Switches

The following hand-held power tools must be equipped with a constant-pressure switch or control that shuts off the power when pressure is released (These tools also may be equipped with a “lock-on” control, if it allows the worker to also shut off the control in a single motion using the same finger or fingers):

- Drills;
- Tappers;
- Fastener drivers;
- Horizontal, vertical, and angle grinders with wheels more than 2 inches in diameter;
- Disc sanders with discs greater than 2 inches;
- Belt sanders;
- Reciprocating saws;
- Saber saws, scroll saws, and jigsaws with blade shanks greater than 1/4-inch wide; and
- Other similar tools.

The following hand-held power tools must be equipped with either a positive “on-off” control switch, a constant pressure switch, or a “lock-on” control (Note: The constant-pressure control switch should be regarded as the preferred device. Other hand-held power tools such as circular saws having a blade diameter greater than 2 inches, chain saws, and percussion tools with no means of holding accessories securely must be equipped with a constant-pressure switch):

- Disc sanders with discs 2 inches or less in diameter;
- Grinders with wheels 2 inches or less in diameter;
- Platen sanders, routers, planers, laminate trimmers, nibblers, shears, and scroll saws; and
- Jigsaws, saber, and scroll saws with blade shanks a nominal 1/4-inch or less in diameter.