



OFFICE OF ENGINEERING SAFETY

Dwight Look College of Engineering • Texas Engineering Experiment Station
A safe and healthful environment for scholarship and research



Portable (Power Operated) Tools and Equipment

Download additional self-inspection checklists at <http://engineering.tamu.edu/safety/>

Date _____
Inspector _____
Faculty/PI _____

Room No. _____
Location _____
Dept. _____

Items for evaluation	Yes	No	Comments	Action to be taken
Are grinders, saws and similar equipment provided with appropriate safety guards?				
Are power tools used with the correct shield, guard, or attachment, recommended by the manufacturer?				
Are portable circular saws equipped with guards above and below the base shoe?				
Are circular saw guards checked to assure they are not wedged up, thus leaving the lower portion of the blade unguarded?				
Are rotating or moving parts of equipment guarded to prevent physical contact?				
Are all cord-connected, electrically operated tools and equipment effectively grounded or of the approved double insulated type?				
Are effective guards in place over belts, pulleys, chains, sprockets, on equipment such as concrete mixers, air compressors, etc.?				
Are portable fans provided with full guards or screens having openings 1/2 inch or less?				
Is hoisting equipment available and used for lifting heavy objects, and are hoist ratings and characteristics appropriate for the task?				
Are ground-fault circuit interrupters provided on all temporary electrical 15 and 20 ampere circuits, used during periods of construction?				
Are pneumatic and hydraulic hoses on power operated tools checked regularly for deterioration or damage?				