

ELECTRICAL AND FIRE SAFETY – REFRESHER

HOMEWORK

1.

- a) **Inspect the electrical cord of each electrical tool you operate at home using the checklist below (add columns to the table if needed)**

Hazard	Tool							
	1	2	3	4	5	6	7	8
Damaged insulation or exposed wires								
Cracked plug insulation								
Loose or missing plug blades								
Loose or missing ground prong								
Signs of overheating or burning								

For each tool list manufacturer name and type of tool.

Tool #1: _____

Tool #2: _____

Tool #3: _____

Tool #4: _____

Tool #5: _____

Tool #6: _____

Tool #7: _____

Tool #8: _____

- b) **Correct any problems immediately if you are able, or tag/set tool aside for repairs.**
- c) **Create a brief summary to share in class.**

Over →



2.

- a) **Identify a report on a machine shop fire that happened in the last 5 years in a state that begins with the same letter as your middle or first name. (circle the state on the list below)**

If there is no state beginning with your middle/first name initial, pick a state that begins with the next letter of your middle/first name, and so on.

Example: middle name is JEREMY:

There are no state names beginning with letter J,

There are no state names beginning with letter E,

One state name begins with letter R: Rhode Island → Your assignment: find a case report of a machine shop fire in the state of Rhode Island that occurred within the last 5 years.

If another classmate picked the same state, be sure you each chose a different year to report on!

- b) **Condense the report to 1 page – include photos if available. Print the report.**
- c) **Bring your report to class for discussion.**

List of the US states:

Alabama	Indiana	Nebraska	Rhode Island
Alaska	Iowa	Nevada	South Carolina
Arizona	Kansas	New Hampshire	South Dakota
Arkansas	Kentucky	New Jersey	Tennessee
California	Louisiana	New Mexico	Texas
Colorado	Maine	New York	Utah
Connecticut	Maryland	North Carolina	Vermont
Delaware	Massachusetts	North Dakota	Virginia
Florida	Michigan	Ohio	Washington
Georgia	Minnesota	Oklahoma	West Virginia
Hawaii	Mississippi	Oregon	Wisconsin
Idaho	Missouri	Pennsylvania	Wyoming
Illinois	Montana		

