

Drill Press Written Test Key

1. Should
2. Should
3. Get caught in the machine, thrown, and cause an injury.
4. V-Block
5. Is
6. Should
7. Slower
8. Do not
9. Turn it off and carefully remove the drill bit and get help if you need it.
10. Table broom
11. Turn it off, unplug it, and tell the teacher.

List five safety procedures you should do before you operate this or any machine:

1. Tuck in your shirt.
2. Secure your hair.
3. Remove jewelry.
4. Wear Z87 safety glasses.
5. Work with a partner.
6. Listen for and report any problems immediately.
7. Make sure that all guards are in place and working.
8. No horseplay.
9. Keep work area clean.
10. Protect hands.

Gas Forge Written Test Key

1. Should
2. Open
3. Hot
4. Should
5. Leather
6. Long
7. Should be placed in a specific area designated and marked.
8. Stand
9. Gas
10. Air
11. Off
12. Quench

List five safety procedures you should do before you operate this or any machine:

1. Tuck in your shirt.
2. Secure your hair.
3. Remove jewelry.
4. Wear Z87 safety glasses.
5. Work with a partner.
6. Listen for and report any problems immediately.
7. Make sure that all guards are in place and working.
8. No horseplay.
9. Keep work area clean.
10. Protect hands.

Grinder Written Test Key

Use the correct heading and write the answers on your own paper. Use the BEST answer to complete the following:

1. Face shield
2. 1/8 inch
3. Both
4. Will
5. To the side
6. Face
7. Just enough
8. Face
9. Full

List five safety procedures you should do before you operate this or any machine:

1. Tuck in your shirt.
2. Remove jewelry.
4. Wear Z87 safety glasses
5. Work with a partner.
6. Listen for and report any problems immediately.
7. Make sure that all guards are in place and working.
8. No horseplay.
9. Keep work area clean.
10. Protect hands.

Impact Wrench Written Test Key

1. Is
2. Firm
3. Black
4. Tool
5. Disconnected
6. Short
7. Turn it off; unplug it; and tell your teacher

List five safety procedures you should do before you operate this or any machine:

8. Tuck in your shirt.
9. Secure your hair.
10. Remove jewelry.
11. Wear Z87 safety glasses.
12. Work with a partner.
13. Listen for and report any problems immediately.
14. Make sure that all guards are in place and working.
15. No horseplay.
16. Keep work area clean.
17. Protect hands.

Portable Drill Written Test Key

1. Should
2. Off
3. Dry
4. Should
5. Withdraw the bit to remove the sawdust
6. Turn it off; unplug; and tell your teacher

List five safety procedures you should do before you operate this or any machine:

1. Wear proper eye protection.
2. Obtain instructor's permission to use machine.
3. Make sure the table is stable.
4. Make sure the area is clean and dry before you plug the drill in.
5. Withdraw the drill bit several times to clear the area when drilling deep holes.
6. If something goes wrong, turn off the machine and tell the instructor.

Portable Grinder Written Test Key

1. Hot and are
2. Never is
3. Are
4. On
5. Table
6. Turn equipment off; unplug it; and tell your teacher

List five safety procedures you should do before you operate this or any machine:

1. Tuck in your shirt.
2. Secure your hair.
3. Remove jewelry.
4. Wear Z87 safety glasses.
5. Work with a partner.
6. Listen for and report any problems immediately.
7. Make sure that all guards are in place and working.
8. No horseplay.
9. Keep work area clean.
10. Protect hands.

Soldering Station/Pencil Written Test Key

1. Should
2. All of
3. In its holder
4. Do not

List five safety procedures you should do before you operate this or any machine:

1. Tuck in your shirt.
2. Secure your hair.
3. Remove jewelry.
4. Wear Z87 safety glasses.
5. Work with a partner.
6. Listen for and report any problems immediately.
7. Make sure that all guards are in place and working.
8. No horseplay.
9. Keep work area clean.
10. Protect hands.

TIG and MIG Welder Test Key

1. With
2. Can
3. Off
4. Can
5. 12

List five safety procedures you should do before you operate this or any machine:

1. Tuck in your shirt.
2. Secure your hair.
3. Remove jewelry.
4. Wear Z87 safety glasses.
5. Work with a partner.
6. Listen for and report any problems immediately.
7. Make sure that all guards are in place and working.
8. No horseplay.
9. Keep work area clean.
10. Protect hands.

Arc Welder Written Test Key

1. Away from
2. With
3. Aware
4. Always
5. Necessary
6. Required
7. Closed
8. Dry

List five safety procedures you should do before you operate this or any machine:

1. Tuck in your shirt.
2. Secure your hair.
3. Remove jewelry.
4. Wear Z87 safety glasses.
5. Work with a partner.
6. Listen for and report any problems immediately.
7. Make sure that all guards are in place and working.
8. No horseplay.
9. Keep work area clean.
10. Protect hands.

Buffer Written Test Key

1. Will
2. Burn
3. Fine
4. Vertically
5. Lower middle
6. Both
7. Can
8. Patiently
9. Yellow
10. Will
11. Turn it off, unplug it, and tell the teacher immediately.

List five safety procedures you should do before you operate this or any machine:

1. Tuck in your shirt.
2. Secure your hair.
3. Remove jewelry.
4. Wear Z87 safety glasses.
5. Work with a partner.
6. Listen for and report any problems immediately.
7. Make sure that all guards are in place and working.
8. No horseplay.
9. Keep work area clean.
10. Protect hands.

Crucible Furnace Written Test Key

1. Are not
2. Should
3. Do
4. Should
5. Before
6. Reduce
7. Is not
8. In an area designated
9. Gas

List five safety procedures you should do before you operate this or any machine:

1. Tuck in your shirt.
2. Secure your hair.
3. Remove jewelry.
4. Wear Z87 safety glasses.
5. Work with a partner.
6. Listen for and report any problems immediately.
7. Make sure that all guards are in place and working.
8. No horseplay.
9. Keep work area clean.
10. Protect hands.

Grinder Written Test Key

Use the correct heading and write the answers on your own paper. Use the BEST answer to complete the following:

1. Face shield
2. 1/8 inch
3. Both
4. Will
5. To the side
6. Just enough
7. Face
8. Full

List five safety procedures you should do before you operate this or any machine:

1. Tuck in your shirt.
2. Remove jewelry.
4. Wear Z87 safety glasses
5. Work with a partner.
6. Listen for and report any problems immediately.
7. Make sure that all guards are in place and working.
8. No horseplay.
9. Keep work area clean.
10. Protect hands.

Drill Press Written Test Key

1. Should
2. Should
3. Get caught in the machine, thrown, and cause an injury.
4. V-Block
5. Is
6. Should
7. Slower
8. Do not
9. Turn it off and carefully remove the drill bit and get help if you need it.
10. Table broom
11. Turn it off, unplug it, and tell the teacher.

List five safety procedures you should do before you operate this or any machine:

1. Tuck in your shirt.
2. Secure your hair.
3. Remove jewelry.
4. Wear Z87 safety glasses.
5. Work with a partner.
6. Listen for and report any problems immediately.
7. Make sure that all guards are in place and working.
8. No horseplay.
9. Keep work area clean.
10. Protect hands.

Horizontal Milling Machine Written Test Key

1. Off
2. Is
3. Cannot
4. Gloved
5. Should
6. Is not
7. Unsafe
8. Clean
9. Do
10. Metal

List five safety procedures you should do before you operate this or any machine:

1. Tuck in your shirt.
2. Secure your hair.
3. Remove jewelry.
4. Wear Z87 safety glasses.
5. Work with a partner.
6. Listen for and report any problems immediately.
7. Make sure that all guards are in place and working.
8. No horseplay.
9. Keep work area clean.
10. Protect hands.

Metal Lathe Written Test Key

1. Face shield
2. Remove
3. Clear
4. At your sides
5. Secure
6. Cannot
7. Full
8. Before
9. A table broom
10. Should not
11. Do
12. Is not

List five SAFETY procedures you should do before you operate this or any machine:

1. Tuck in your shirt.
2. Secure your hair.
3. Remove jewelry.
4. Wear Z87 safety glasses.
5. Work with a partner.
6. Listen for and report any problems immediately.
7. Make sure that all guards are in place and working.
8. No horseplay.
9. Keep work area clean.
10. Protect hands.

Oxyacetylene Welding Written Test Key

1. Always
2. Are
3. Must be worn
4. Dry
5. 15

List five safety procedures you should do before you operate this or any machine:

1. Tuck in your shirt.
2. Secure your hair.
3. Remove jewelry.
4. Wear Z87 safety glasses.
5. Work with a partner.
6. Listen for and report any problems immediately.
7. Make sure that any guards are in place and working.
8. No horseplay.
9. Keep work area clean.
10. Protect hands.

Portable Sander Written Test Key

1. Are
2. Tracking
3. At a complete stop
4. Before
5. Off
6. Moving back and forth in the direction of the grain
7. Away
8. Turn it off; unplug it, and tell your teacher.

List five safety procedures you should do before you operate this or any machine:

9. Tuck in your shirt.
10. Secure your hair.
11. Remove jewelry.
12. Wear Z87 safety glasses.
13. Work with a partner.
14. Listen for and report all problems immediately.
15. Make sure that any guards are in place and working.
16. No horseplay.
17. Keep work area clean.
18. Protect hands.

Portable Drill Written Test Key

1. Should
2. Off
3. Dry
4. Should
5. Withdraw the bit to remove the sawdust
6. Turn it off; unplug; and tell your teacher

Portable Grinder Written Test Key

1. Hot and are
2. Never is
3. Are
4. On
5. Table
6. Turn equipment off, unplug it, and tell your teacher

List five safety procedures you should do before you operate this or any machine:

1. Tuck in your shirt.
2. Secure your hair.
3. Remove jewelry.
4. Wear Z87 safety glasses.
5. Work with a partner.
6. Listen for and report any problems immediately.
7. Make sure that all guards are in place and working.
8. No horseplay.
9. Keep work area clean.
10. Protect hands.

Sheet Metal Machines Written Test Key

1. Can
2. Should
3. Clear of
4. Cannot
5. Cannot
6. Turn equipment off, unplug it, and tell your teacher immediately.

List five safety procedures you should do before you operate this or any machine:

7. Tuck in your shirt.
8. Secure your hair.
9. Remove jewelry.
10. Wear Z87 safety glasses.
11. Work with a partner.
12. Listen for and report all problems immediately.
13. Make sure that any guards are in place and working.
14. No horseplay.
15. Keep work area clean.
16. Protect hands.

Soldering Station Pencil Written Test Key

1. Should
2. All of
3. In its holder
4. Do not

List five safety procedures you should do before you operate this or any machine:

1. Tuck in your shirt.
2. Secure your hair.
3. Remove jewelry.
4. Wear Z87 safety glasses.
5. Work with a partner.
6. Listen for and report any problems immediately.
7. Make sure that all guards are in place and working.
8. No horseplay.
9. Keep work area clean.
10. Protect hands.

Spinning Lathe Written Test Key

1. Do
2. Securely
3. Stand to the side
4. Handle
5. Cannot
6. Slowly
7. Should
8. Seek instructor's help

List five safety procedures you should do before you operate this or any machine:

9. Tuck in your shirt.
10. Secure your hair.
11. Remove jewelry.
12. Wear Z87 safety glasses.
13. Work with a partner.
14. Listen for and report any problems immediately.
15. Make sure that all guards are in place and working.
16. No horseplay.
17. Keep work area clean.
18. Protect hands.

TIG and MIG Welder Test Key

1. With
2. Can
3. Off
4. Can
5. 12

List five safety procedures you should do before you operate this or any machine:

1. Tuck in your shirt.
2. Secure your hair.
3. Remove jewelry.
4. Wear Z87 safety glasses.
5. Work with a partner.
6. Listen for and report any problems immediately.
7. Make sure that all guards are in place and working.
8. No horseplay.
9. Keep work area clean.
10. Protect hands.

Band Saw Written Test Key

1. Highest
2. Should
3. Yellow
4. One
5. Slight
6. To either side
7. V-block
8. Table broom
9. Scrap wood
10. Is not
11. Turn it off and have someone get the teacher immediately.

List five safety procedures you should do before you operate this or any machine:

1. Tuck in your shirt.
2. Secure your hair.
3. Remove jewelry.
4. Wear Z87 safety glasses.
5. Work with a partner.
6. Listen for and report any problems immediately.
7. Make sure that all guards are in place and working.
8. No horseplay.
9. Keep work area clean.
10. Protect hands.

Belt Finishing Sander Written Test Key

1. Are
2. Push block
3. Dry
4. Not OK
5. On
6. 1/16 inch
7. Stationary
8. Turn if off, unplug, and tell your instructor.

List five safety procedures you should do before you operate this or any machine:

1. Tuck in your shirt.
2. Secure your hair.
3. Remove jewelry.
4. Wear Z87 safety glasses.
5. Work with a partner.
6. Listen for and report any problems immediately.
7. Make sure that all guards are in place and working.
8. No horseplay.
9. Keep work area clean.
10. Protect hands.

Portable Circular Saw Written Test Key

1. 100 percent
2. Is
3. 1/8 inch
4. Should
5. Clean
6. Tight
7. Is not
8. Slowly
9. Straight
10. Full
11. Unplug

List five safety procedures you should do before you operate this or any machine:

1. Tuck in your shirt.
2. Secure your hair.
3. Remove jewelry.
4. Wear Z87 safety glasses.
5. Work with a partner.
6. Listen for and report any problems immediately.
7. Make sure that all guards are in place and working.
8. No horseplay.
9. Keep work area clean.
10. Protect hands.

Disc Sander Written Test Key

1. Is
2. 1/16 inch
3. Left
4. Is
5. Can
6. Big
7. Is
8. Sanding it carefully down.
9. Should
10. Yellow
11. If the machine is not working properly, you should:

List five safety procedures you should do before you operate this or any machine:

1. Tuck in your shirt.
2. Secure your hair.
3. Remove jewelry.
4. Wear Z87 safety glasses.
5. Work with a partner
6. Listen for and report any problems immediately.
7. Make sure that all guards are in place and working.
8. No horseplay.
9. Keep work area clean.
10. Protect hands.

Jig/Bayonet Saw Written Test Key

1. Do
2. Is
3. Tightly
4. Disconnect
5. C-clamp
6. Even
7. Should not
8. Slight
9. It has completely stopped
10. Unplug it so that it does not get accidentally turned on until you need it again.

List five safety procedures you should do before you operate this or any machine:

1. Tuck in your shirt.
2. Secure your hair.
3. Remove jewelry.
4. Wear Z87 safety glasses.
5. Work with a partner.
6. Listen for and report any problems immediately.
7. Make sure that all guards are in place and working.
8. No horseplay.
9. Keep work area clean.
10. Protect hands.

Jointer Written Test Key

1. Sharp
2. Dangerous
3. Before
4. 1/16 inch
5. Full speed
6. Cannot
7. With
8. Should not
9. Right
10. Should

List five safety procedures you should do before you operate this or any machine:

11. Tuck in your shirt.
12. Secure your hair.
13. Remove jewelry.
14. Wear Z87 safety glasses.
15. Work with a partner.
16. Listen for and report all problems immediately.
17. Make sure that any guards are in place and working.
18. No horseplay.
19. Keep work area clean.
20. Protect hands.

Motorized Miter Box Written Test Key

1. Against
2. Should not
3. Before
4. Cannot
5. Outside
6. Turn it off, unplug it, and tell your teacher immediately.

List five safety procedures you should do before you operate this or any machine:

1. Tuck in your shirt.
2. Secure your hair.
3. Remove jewelry.
4. Wear Z87 safety glasses.
5. Work with a partner.
6. Listen for and report any problems immediately.
7. Make sure that all guards are in place and working.
8. No horseplay.
9. Keep work area clean.
10. Protect hands.

Planer/Surfacers Written Test Key

1. Kickback
2. Is not
3. One
4. Throw the planer out of alignment
5. Longer
6. Off
7. Standing still
8. /16"
9. With
10. Cannot
11. Should
12. Should not

List five safety procedures you should do before operating this or any machine:

13. Tuck in your shirt.
14. Secure your hair
15. Remove jewelry.
16. Wear Z87 safety glasses.
17. Work with a partner.
18. Listen for and report any problems immediately.
19. Make sure that any guards are in place and working.
20. No horseplay.
21. Keep work area clean.
22. Protect hands.

Portable Sander Written Test Key

- 1.Are
- 2.Tracking
- 3.At a complete stop
- 4.Before
- 5.Off
- 6.Moving back and forth in the direction of the grain
- 7.Away
- 8.Turn it off, unplug it, and tell your teacher

List five safety procedures you should do before you operate this or any machine:

- 9.Tuck in your shirt.
- 10.Secure your hair.
- 11.Remove jewelry.
- 12.Wear Z87 safety glasses.
- 13.Work with a partner.
- 14.Listen for and report any problems immediately.
- 15.Make sure that all guards are in place and working.
- 16.No horseplay.
- 17.Keep work area clean.
- 18.Protect hands.

Portable Drill Written Test Key

1. Should
2. Off
3. Dry
4. Should
5. Withdraw the bit to remove the sawdust
6. Turn it off; unplug; and tell your teacher

Portable Finishing Sander Written Test Key

1. Off
2. Secure
3. Handle
4. Plug
5. On
6. Off
7. Turn off equipment; unplug; and tell your teacher.

List five safety procedures you should do before you operate this or any machine:

1. Tuck in your shirt.
2. Secure your hair.
3. Remove jewelry.
4. Wear Z87 safety glasses.
5. Work with a partner.
6. Listen for and report any problems immediately.
7. Make sure that any guards all in place and working.
8. No horseplay.
9. Keep work area clean.
10. Protect hands.

Portable Router Written Test Key

1. Should not
 2. Left
 2. Fence
 3. Do need
 - 4, Is not
 4. Hot
 5. Turn it off, unplug, and tell your teacher.
- List five safety procedures you should do before you operate this or any machine:
6. Tuck in your shirt.
 7. Secure your hair.
 8. Remove Jewelry.
 9. Wear Z87 safety glasses.
 10. Work with a partner
 11. Listen for and report any problems immediately.
 12. Make sure that all guards are in place and working.
 13. No horseplay.
 14. Keep work area clean.
 15. Protect hands.

Radial Arm Saw Written Test Key

1. Off
2. Behind
3. Full
4. 1 – 0”
5. Off
6. Before
7. Turn it off and tell the teacher immediately.

List five basic steps you should follow before and during the use of the arm saw:

8. Walk the blade forward to check that it is lined up with your cut mark.
9. Check to make sure that the guards are in place and working.
10. Left hand holds the wood flat. Right hand guides the blade across.
11. Allow blade to come to full speed.
12. Cut all the way through the wood and return the blade behind the fence.

List five safety procedures you should do before you operate this or any machine:

1. Tuck in your shirt.
2. Secure your hair.
3. Remove jewelry.
4. Wear Z87 safety glasses.
5. Work with a partner.
6. Listen for and report any problems immediately.
7. Make sure that any guards are in place and working.
8. No horseplay.
9. Keep work area clean.
10. Protect hands.

Scroll Saw Written Test Key

1. Tight
 2. Off
 3. Both
 4. Slower
 5. Patiently
 6. Is
 7. Should not
 8. Get assistance
 - 9/10. Off/Standing still
 11. Turn equipment off, unplug it, and tell your teacher immediately
- List five safety procedures you should do before you operate this or any machine:
1. Tuck in your shirt.
 2. Secure your hair.
 3. Remove jewelry.
 4. Wear Z87 safety glasses.
 5. Work with a partner.
 6. Listen for and report any problems immediately.
 7. Make sure that all guards are in place and working.
 8. No horseplay.
 9. Keep work area clean.
 10. Protect hands.

Table Saw Written Test Key

1. Before
2. Away from
3. Never
4. Fence
5. No
6. Running
7. The instructor
8. Come into direct line with
9. Get help
10. Do not
11. Have your instructor check your set-up
12. With a brush

List five safety procedures you should do before you operate this or any machine:

1. Tuck in your shirt.
2. Secure your hair.
3. Remove jewelry.
4. Wear Z87 safety glasses.
5. Work with a partner.
6. Listen for and report any problems immediately.
7. Make sure that any guards are in place and working.
8. No horseplay.
9. Keep work area clean.
10. Protect hands.

Wood Lathe Written Test Key

1. Face shield
2. Should
3. Centers
4. Hand
5. 1/8"
6. Full
7. Common sense
8. Do
9. Should
10. Before
11. A table broom

List five safety procedures you should do before you operate this or any machine:

1. Tuck in your shirt.
2. Secure your hair.
3. Remove jewelry.
4. Wear Z87 safety glasses.
5. Work with a partner.
6. Listen for and report any problems immediately.
7. Make sure that all guards are in place and working.
8. No horseplay.
9. Keep work area clean.
10. Protect hands.

Robotics Written Test Key

1. Slowly
2. Does
3. Is
4. Clear of

List five safety procedures you should do before you operate this or any machine:

1. Tuck in your shirt.
2. Secure your hair.
3. Remove jewelry.
4. Wear Z87 safety glasses.
5. Work with a partner.
6. Listen for and report any problems immediately.
7. Make sure that all guards are in place and working.
8. No horseplay.
9. Keep work area clean.
10. Protect hands.

Soldering Station/Pencil Written Test Key

1. Should
2. All of
3. In its holder
4. Do not

List five safety procedures you should do before you operate this or any machine:

1. Tuck in your shirt.
2. Secure your hair.
3. Remove jewelry.
4. Wear Z87 safety glasses.
5. Work with a partner.
6. Listen for and report any problems immediately.
7. Make sure that all guards are in place and working.
8. No horseplay.
9. Keep work area clean.
10. Protect hands.