

Ag Mechanics Shop Periodic Safety Checklist

16 Jan 2022 / Michael Spiess

Complete

Score	77.78%	Failed items	5	Actions	4
Conducted on	16 Jan 2022 15:50 PST				
Prepared by	Michael Spiess				
Location	Mike's Shop				

Failed Items & Actions

5 failed, 4 actions

Failed items

5 failed, 3 actions

Inspection / General Shop

First aid supplies are well stocked and readily available

No

Inspection / Personal Protective Equipment (PPE)

Safety glasses are required (warnings posted)

No

To do | Priority Low | Due 23 Jan 2022 15:50 PST | Created by Michael Spiess

post warning signs

Inspection / Personal Protective Equipment (PPE)

Face shields are provided at every power tool

No

To do | Priority Low | Due 23 Jan 2022 15:51 PST | Created by Michael Spiess

Get face shields

Inspection / Compressed Air

Air used for cleaning is regulated to not more than 30 psi and chip guarded

No

Need to get regulator for cleaning supply line.

Inspection / Woodworking Equipment

Guards are in place and functioning on all equipment.

No



Photo 2

To do | Priority High | Due 23 Jan 2022 15:54 PST | Created by Michael Spiess

Replace guard

Other actions

1 action

Inspection / General Shop

Aisles are properly indicated, and aisles, passageways and corridors are free of obstructions

Yes



Photo 1

Done | Priority Low | Due 23 Jan 2022 15:56 PST | Created by Michael Spiess

wood should not be stored on the machine

Inspection

4 actions, 5 failed, 77.78%

General Shop

1 action, 1 failed, 75%

Aisles are properly indicated, and aisles, passageways and corridors are free of obstructions

Yes



Photo 1

Done | Priority Low | Due 23 Jan 2022 15:56 PST | Created by Michael Spiess

wood should not be stored on the machine

Condition of floors maintained in a clean and dry condition (no water or oil) and free from obstructions and debris

Yes

Extension cords and air hoses are stored when not in use. (No trip hazard.)

Yes

First aid supplies are well stocked and readily available

No

Personal Protective Equipment (PPE)

2 actions, 2 failed, 0%

Safety glasses are required (warnings posted)

No

To do | Priority Low | Due 23 Jan 2022 15:50 PST | Created by Michael Spiess

post warning signs

Face shields are provided at every power tool

No

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Get face shields

General Machinery and Tools

100%

Tools are stored neatly when not in use

Yes

Tools are kept sharp, clean, and in good working order

Yes

Bench brushes are provided to remove chips from drill presses

Yes

Chop saws are properly guarded, clamp is working, and sparks are directed away from other students

N/A

Materials Storage

100%

Pressure safety cans are used for flammable or combustible liquids

N/A

Stored wood stacked safely and solidly so it will not fall

Yes

Stored metal stored in racks safely and solidly so it will not fall	N/A
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Compressed Air 1 failed, 66.67%

Hoses are in good condition	Yes
Air used for cleaning is regulated to not more than 30 psi and chip guarded	No
Need to get regulator for cleaning supply line.	
Air compressor is drained frequently	Yes

Battery Powered Equipment 100%

Batteries are in good condition (no damage)	Yes
Batteries are stored safely	Yes

Woodworking Equipment 1 action, 1 failed, 66.67%

Guards are in place and functioning on all equipment.	No
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Photo 2

To do | Priority High | Due 23 Jan 2022 15:54 PST | Created by Michael Spiess

Replace guard	
Saw blades and cutterheads are sharp and in good condition	Yes
Push sticks or push blocks are available	Yes

Grinders 100%

The grinder has guards to cover the spindle ends, nuts and flanges	Yes
The work rests are adjusted to within 1/8 inch of the grinding wheel	Yes
The adjustable tongue guard or spark deflector on grinder is adjusted to within 1/4" of the grinder wheel	Yes
Grinding wheel of the right type and in good condition with no cracks, wheel diameter over half -of original size	Yes
Cooling container nearby and filled	Yes
All portable grinders and saws have proper shielding in position. Power cords in good condition	Yes

Arc Welding 100%

Arc welding helmets with tempered safety glass of the proper shade are in good condition	Yes
The floor in the welding area is kept dry and free of combustible materials	Yes
Protective gloves are provided and are in good condition	Yes
Protective clothing such as jackets, sleeves, or capes are provided for out of position welding	Yes
Shade 3-5 goggle or face shields are provided for plasma cutting	Yes
Gas cylinders are secured	Yes
Gas cylinders valves are closed when not in use	Yes

Compressed Gas Storage

100%

Compressed gas cylinders are chained or secured in place	Yes
The protective cap is in place on all stored cylinders	N/A
Empty and full cylinders are labeled	N/A

Gas Welding

100%

Portable gas welding equipment has the cylinder valves turned off when not in use	Yes
Portable gas welding equipment cylinders are secured	Yes
Gas welding goggles with tempered safety glass of the proper shade are in good condition	Yes

Dress (if class is in session)

0%

Safety Glasses are worn at all times	
Rings and other jewelry are removed when working in the shop	
All clothing worn is free from loose sleeves, flopping ties, loose coats. etc	
Long hair is tied back	
Shoes cover feet (closed toe). Leather is required for welding	

Appendix



Photo 1



Photo 2