Between the dotted lines are questions pertaining to the same category. This is for randomizing questions so that students do not receive the same questions over and over again if retaking the quiz. There would be 13 questions on this VERTICAL BANDSAW quiz. (Correct answers have an asterisk.)

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The purpose of the vertical band saws are to make the final cut on my piece.

True  
False

The vertical band saws are intended to rough-cut my material.

True  
False

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The vertical band saws can cut any material I bring into the lab.

True  
False

The vertical band saws cut most metals, plastics, and woods.

True  
False

The vertical band saws can cut all types of metal.

True  
False

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I must wear proper PPE to operate the vertical band saws.

True  
False

It is best to wear gloves when using the vertical band saws.

True  
False\*

It is especially important to pay attention to long sleeves and jewelry when using the vertical band saws.

True  
False

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I can use a push stick to push my material through the blade when using the vertical band saws.

True  
False

When using the vertical band saws, I should only use a push stick until I can grab my piece from the other side and pull it through the blade to finish the cut.

True  
False

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When using the vertical band saws, I may use guide bars to help me cut straight, but I must adjust them before turning on the machine.

True  
False

When using the vertical band saws, I should adjust/line up my material once the machine is turned on and the blade is running.

True  
False

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On the vertical band saws blade, speed is based on the piece being cut.

True  
False

When using a new material I must double check blade speeds with a TA before operating either vertical band saw.

True  
False

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It is important that I have a good grip on my material as I pass it through the blade of either vertical band saw.

True  
False

As long as I have clearance, it is okay to use vice grips or other clamping devices in order to have a good grip on my material as it passes through the blade of either vertical band saw.

True  
False

My material may get too hot to touch as I cut it with one of the vertical band saws and I may therefore wish to use tools to grip the material instead of my hands.

True  
False

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I may remove my material from the vertical band saws as soon as I finish cutting.

True  
False

I must wait until the blade completely stops before removing my cut material from the vertical band saws.

True  
False

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There are two vertical band saws in the ME machine shop.

True  
False

The deciding factor on which vertical band saw I should use in the ME machine shop is based on the thickness of my material.

True  
False

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A material with a thickness of 0.26” is to be cut on a different vertical band saw than a material with a thickness of 0.23”.

True  
False

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The blade guard of the vertical band saw is adjustable and should be adjusted before turning on the machine.

True  
False

The blade guard of the vertical band saws should be adjusted with the machine on.

True  
False

The blade guard of the vertical band saws is not adjustable.

True  
False

The blade guard of the vertical band saws is adjusted based on the height of the material I cut.

True  
False

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The vertical band saws can cut any radii.

True  
False

The vertical band saws have a limitation on the radii I can cut.

True  
False

I must check with a TA before I cut a radii on a ME machine shop vertical band saw.

True  
False

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The TA’s will clean up the vertical band saws when I leave.

True  
False

It is my responsibility to clean the vertical band saw when I am finished using it.

True  
False

Scraps from clean up belong in the large blue bins in the lab.

True  
False

I should use a rag to clean up all chips and scraps from the vertical band saws.

True  
False

I should use the broom, brushes, and dustpans to clean the vertical band saw when I am finished using it.

True  
False