

Course Number : EH/VS 101

Course Title: Edge Horizontal /Vertical Sander (Jet EHVS-80CS)

Course Hours: 2

Course developed by Karl Kelly for use in training at the Education Center of the Greenville Woodworker's Guild Inc. in Greenville, S.C., and cannot be reproduced or used without the approval of the Mentoring Chairman of the Guild.

Safety is a personal issue. The Guild and the author do not accept responsibility for any accidents that may occur while using this guide.

## **1. COURSE OBJECTIVES**

- . To learn the basic safety practices while operating the sander
- . To learn how to sand various pieces of wood
- . To learn the operating practices that are unsafe and will be prohibited

## **2. CLASS MATERIALS**

- . 3 pcs dimensional lumber 1 X 6 X 24

## **3. LESSON PLAN**

### **A- Explain Safety Issues**

Never operate any machinery while under the influence of any medications, alcohol or when tired or sleepy.

Wear close fitting clothing. Short sleeved shirts and pants that will not get caught on the machinery.

Remove all jewelry possible, rings, watches and especially necklaces. **DO NOT WEAR GLOVES**

Footwear should be sturdy with good traction and toe protection. Do not over reach . Maintain a balanced stance at all times to avoid leaning on the machine or falling into it.

Long hair should be secured to avoid hindering vision, and becoming caught in the machinery.

Wear proper safety glasses and hearing protection as necessary.

Be aware of others in the vicinity when operating the machine

Make sure the machine is in proper working order.

Always seek assistance if you are in doubt about procedure.

Be sure the floor around the machine is clean and will not interfere with good footing.

Make any adjustments to the machine with the power UN plugged.

Do NOT force the machine to do an operation it was not designed to do.

Keep guards in place at all times.

Do not connect the machine to the power supply with the switch in the ON position.

Give your work your undivided attention. Remove work; turn off the machine before engaging in conversation.

Note: This machine is not a paint remover. Paint destroys the belts. Some paints contain chemicals that cause cancer, and other harmful reactions. Treated lumber has or still contains arsenic and chromium and should not be sanded.

Always use common sense when operating any machinery.

B- Show location of:

Power off and on switch

Location of receptacle

Locate adjustment controls

5- Show how to:

Set up miter gage for angle sanding

Set up extension table for contour sanding

Set up for vertical and horizontal sanding

6- Demonstration