

1. Case No.	2. Investigator's ID	3. Office Code	<b>EPIDEMIOLOGIC INVESTIGATION REPORT</b>			
080828HEP5921	5555	591				
4. Date of Accident (Y M D)	5. Date Investigation Initiated (Y M D)					
080728	080906					
6. Synopsis of Accident or Complaint						
THE 75 YOM VICTIM WAS OPERATING A TABLE SAW CUTTING 1/2 INCH SQUARES FROM A 2 X 6 BOARD. HE WAS PUSHING THE WOOD THROUGH THE SAW BLADE USING BOTH HANDS. THE VICTIM HAD REMOVED THE GUARD BLADE FROM THE SAW. THE VICTIM'S RIGHT HAND CAME IN CONTACT WITH THE BLADE. HE SUSTAINED AN AMPUTATED MIDDLE RIGHT FINGER, PARTIALLY AMPUTATED RIGHT RING AND INDEX FINGERS AND DEEP LACERATION TO HIS THUMB. HE WAS FLOWN BY HELICOPTER TO THE HOSPITAL, WHERE HIS INJURY WAS TREATED SURGICALLY AND HE WAS RELEASED.						
7. Locations (Home, School, etc.)	8. City	9. State				
1	FEDERAL WAY	WA				
10. First Product	11. Trade/Brand Name	Manufacturer Address				
841		UNKNOWN				
Second Product	Trade/Brand Name	Manufacturer Address				
12. Age of Victim	13. Sex (1=M, 2=F, 3=Unk)	14. Disposition	15. Injury Diagnosis			
75	1	1	50			
16. Body Part	17. Respondent(s) (Mother, Friend)	18. Type Investigation (1=Onsite, 2 = Phone, 3 = Other)	19. Time Spent			
92	1-VICTIM	2	1.25			
20. Attachments	21. Case Source	22. Reviewed By:	Date (Y M D)			
05 QUESTIONNAIRE	03					
23. Narrative (More detail may be included on separate pages)						

CPSA FORM NO. 182 (Revised 10/1985)

Approved for Use Thru 1/31/2010 OMB No. 3041-0029

~~CPSA 6(b)(1)~~ CLEARED for PUBLIC

NO MFRS/PRVTLBLRS OR PRODUCTS IDENTIFIED

EXCEPTED BY: PETITION RULEMAKING ADMIN. PRCDG

WITH PORTIONS REMOVED: \_\_\_\_\_

JB 6/15/11

**Q.1 Do not read to respondent**

**Interviewer Instructions:**

**1. Before contacting the respondent, please review the NEISS emergency room information on the assignment cover sheet. Questions 2, 3, and 4 will require you to enter some of this information before you begin the interview.**

**2. If the victim is age 17 or younger, interview the parent of victim, or ask the parent to listen to the interview on the extension phone while you interview victim. The respondent should be the victim if (s)he is 18 or older.**

**3. The boldfaced text contains instructions to you and should not be read to the respondent!**

**Q.2 Please enter the TASK NUMBER.**

080828HEP5921

**Q.3 Please select the Product Code on record for the saw associated with this incident.**

Table or Bench saw (0841)

**Q.4 Does the NEISS record indicate injury to a finger or hand (body part codes: finger = 92, hand = 82)?**

Yes

**Q.5 INTRODUCTION:**

Hello. May I speak with \_\_\_\_\_? (Ask for victim by name or parent or guardian of victim under age 18.)

person is available

**Q.7 Hello. I'm \_\_\_\_\_.** I am working with the U.S. Consumer Product Safety Commission. In cooperation with **(hospital name)**, we're doing a study of saw injuries. We are interested in learning more about these incidents, so we can find ways to help prevent similar

incidents. The information is confidential, and for statistical purposes only. Will you help us?

agreed

**Q.10 Interviewer: Indicate below who the respondent is.**

Victim/ injured person

**Q.13 Was the saw involved in the incident powered or not powered (manual)?**

Powered

**Q.15 Was the saw a handheld model?**

No

**Q.16 According to our record the saw involved was a [ANSWER TO Q. 3], is this correct?**

Yes (correct)

**Q.21 Please describe how the injury happened and what the injuries were. That is, what were you (was the operator) doing just *before*, *during*, and *after* the injury occurred? Please start with what was going on just *before* the injury occurred.**

**Interviewer: continue on paper if necessary.**

THE VICTIM WAS OPERATING A TABLE SAW AND HAD CUT 3 OR 4 ONE HALF IN. SQUARES FROM A 12 IN. BY 2 IN. BY 6 IN. BOARD. THE SQUARES WERE THEN TO BE GLUED TO A 2 X 4 TO MAKE A POST IN HIS FRONT ROOM. THE VICTIM HAD REMOVED THE SAW'S GUARD BLADE. THE VICTIM WAS USING BOTH HANDS TO PUSH THE WOOD THROUGH THE 8 INCH BLADE, WHICH HE ESTIMATES HAD 5/8 INCHES OF ITS CUTTING SURFACE EXPOSED. HE DOES NOT RECALL WHAT CAUSED THE ACCIDENT BUT FEELS THAT THE BLADE MAY HAVE GRABBED THE WOOD AND PULLED HIS HAND INTO THE BLADE. HE SUSTAINED DEEP LACERATIONS TO HIS RIGHT MIDDLE FINGER, RING FINGER, INDEX FINGER, AND THUMB. HE APPLIED PRESSURE AND ELEVATED HIS HAND AND CALLED 911. EMERGENCY MEDICAL PERSONNEL BANDAGED HIS INJURY, CHECKED HIS VITAL SIGNS AND ADMINISTERED OXYGEN, THEN TRANSPORTED HIM TO A NEARBY HIGH SCHOOL FIELD, WHERE A HELICOPTER WAS WAITING AND TOOK HIM TO THE HOSPITAL, WHERE HIS LACERATIONS WERE SUTURED. HIS DIAGNOSIS WAS AN AMPUTED RIGHT MIDDLE FINGER, PARTIAL AMPUTATION TO HIS RIGHT RING AND INDEX FINGER, AND A DEEP LACERATION TO HIS RIGHT THUMB. HE WAS RELEASED.

**Q.22 INTERVIEWER READ THE FOLLOWING:** In addition to writing down exactly what you told me about how the injury happened, I need to ask you some questions that may seem like I'm asking you to repeat yourself. Please bear with me. We want to be sure we completely understand everything about how the injury happened.

Q.23 Was the motor running at the time of the injury? (**Determine if the saw had just been turned "on" or "off"**)

Motor was running

Q.26 Does the blade have a safety switch such as a key lock that must be activated, in addition to a starter switch, before the saw can be turned on?

No

Q.28 Is the blade of the saw direct drive (blade mounted directly onto the motor output shaft) or indirect drive (belt or gear driven)?

Direct Drive (blade mounted directly onto the motor output shaft)

Q.30 At the time of the injury, were you using the saw, repairing/maintaining the saw, or were you not using the saw?

Using the saw

Q.36 At the time of the injury, "were you" (**say "was the operator" if the victim was not the operator**) about to start cutting, at the end of a cutting operation, pausing during a cutting operation, or were you (was the operator) in the middle of a cut?

Actually cutting / in the middle of cut

Q.37 Do you know (**approximately**) how long had you (the operator) been working with the saw that day, before the injury occurred?

Yes

Q.38 Please record how long the saw was used that day, before the injury. Specify hrs and/or mins.

5 MINUTES

Q.39 What were you (was the operator) cutting at the time of the injury?

Wooden board

Q.41 **Interviewer: Say to the respondent-** "From now on, to simplify the questions, I will refer to the object being cut as 'stock'. "

Q.42 I would like to ask you about the type of cutting operation you were performing at the time of the incident.

Had you (the operator) been cutting the length of the stock (with the grain, ripping), cutting the width of the stock (against the grain, cross cutting), cutting the stock at an angle, or cutting the stock in some other way?

The length of the stock (with the grain, ripping)

Q.46 Was the blade vertically straight or was it tilted to the side to make a bevel cut?

Vertically straight cut

Q.47 Do you use different types of blades for different types of cutting operations?

No

Q.48 What type of blade was being used at the time of the injury? Was it... **(read choices)**

Combination blade

Q.50 Do you know the diameter of the saw blade?

Yes

Q.51 **Enter the diameter of the blade in inches.**

8 INCHES

Q.52 What was the condition of the blade at the time of the injury? Was it sharp, dull, had teeth missing, or something else?

Sharp

Q.54 Was a blade guard attached to the saw at the time of the injury?

No

Q.55 What was the reason?

Guard had been removed

Q.56 Why was the blade guard removed?

IT KIND OF GETS IN THE WAY, EASIER TO USE WITHOUT

Q.63 Do you believe a blade guard could have prevented this injury?

Yes, blade guard could have prevented

Q.64 Could you tell me the blade position or motion, with respect to the stock, at the time of the injury? Was it... **(read choices)**

Inside a cut

Q.67 How much of the stock was already cut at the time of the injury? Were you... **(read choices)**

Coming out at the other end of the stock?

Q.69 Was the stock rectangular or some other shape?

Rectangular

Q.71 Do you know the length, width, and/or thickness of the stock being cut?

Yes, know at least one dimension

**Q.72 Specify dimensions of stock in inches (leave blanks for unknowns and convert any fractions to decimals):**

Length in inches \_\_\_\_ 12  
Width in inches \_\_\_\_\_ 6  
Thickness in inches \_ 2

**Q.73 What was the condition of the stock?  
(select as many as apply)**

Smooth  
Dry

**Q.75 Did the stock kick back or jump?**

**Interviewer: Unexpected stock movement is an indication of kickback.**

Don't Know

**Q.77 Did the injury occur due to contact with the blade?**

Yes

**Q.78 Was contact with the blade made above or below the cutting surface?**

Above

**Q.84 Was your hand in front of or behind the blade when contact was made?**

In front of blade

**Q.86 Describe how the stock was supported. Was the stock resting on a table, on a sawhorse, or supported in some other way?**

On a table

**Q.88 Did the whole surface of the stock fit on the table (or bench) or did it extend beyond?**

Fit on the table

Q.89 Was the stock or the support firmly anchored?

Yes

Q.93 At the time of the incident, did you (operator) adjust the plate/base shoe of the saw to a proper depth for the thickness of the stock being cut? **(base plate/base shoe is a rectangular metal piece that wraps around the lower portion of the blade and rest against the stock during a cut)**

Q.95 At the time of the incident, was the whole surface of the plate/shoe completely in contact with the stock being cut?

Q.97 Were you (the operator) standing, kneeling, crouching, leaning or in some other position at the time of the incident?

Q.133 Does the saw belong to your/the victim's household, to another household, was it rented, or something else?

Your/Victim's household

Q.137 Did your/victim's household get the saw new or used?

New

Q.138 Do you know about when the saw was purchased?

No

Q.140 Do you know about how old the saw is?

Yes

**Q.141 Enter age of saw in years, months, days- as much detail as respondent can give.**

10 OR 12 YEARS

**Q.142 Do you know the brand name (manufacturer), model name/number, and/or horsepower of the saw?**

Yes, if any are known

**Q.143 Enter manufacturer, leave blank if unknown.**

~~XXXXXXXXXX~~

**Q.144 Enter model #, leave blank if unknown.**

**Q.145 Enter horsepower, leave blank if unknown.**

1 OR 1 AND 1/2

**Q.146 Had the saw been changed or modified in any way since you got it?**

No

**Q.152 Are you right-handed, left-handed, or do you use both hands interchangeably?**

Right-handed

Q.156 Please describe the position of your (operator's) left and right hands with respect to the saw and the stock, just before the injury and right at the time of the injury.

**Interviewer: (1) Be specific about which saw parts were held or in contact with the hand. (2) Indicate how stock was fed into the saw. (3) Specify if operator was reaching. (4) Specify whether operator was holding stock firmly or loosely.**

BOTH HANDS WERE ON THE BOARD PUSHING IT LENGTHWISE TOWARD THE BLADE

Q.157 Were you wearing eyeglasses, safety goggles, gloves, or any other special clothing at the time of the injury? **(Select as many as applicable)**

Eyeglasses

Q.160 Was the operator wearing eyeglasses, safety goggles, gloves, or any other special clothing at the time of the injury? **(Select as many as applicable)**

Q.164 During the last year, what type of cutting have you (the operator) performed most frequently with the saw?

Combination of uses

Q.166 Do you (operator) have an owner's manual for the saw involved in the injury?

Yes

Q.167 Do you remember any warnings or safety precautions about the operations of the saw that were printed in the owner's manual?

Yes

Q.168 **Specify what the warnings say.**

I'M SURE IT SAYS DO NOT REMOVE THE GUARD, DON'T OPERATE IN WATER

Q.169 Do you remember seeing any warnings or safety precautions about the operation of the saw that were printed on a label on the saw?

Don't know

Q.172 Will you tell me your height and/or weight?

Yes, at least one of them

Q.174 **Enter height, leave blank if unknown/refused.**

5 FT 11 INCHES

Q.175 **Enter weight, leave blank if unknown/refused.**

196 LBS

Q.176 Do you know the operator's height and/or weight?

Q.179 Was the saw already assembled before purchase or did you (operator) have to assemble it after purchase?

Assembled after purchase

Q.181 Were you (the operator) ill or under any medication, drugs, or alcohol at the time of the injury?

No

Q.183 In your opinion, what caused the injury incident?

STUPIDITY, OBVIOUSLY I SHOULD HAVE USED A PUSH STICK AND HAD THE GUARD ON IT

Q.184 In your opinion, were there any environmental factors such as slippery floor/debris on the floor, debris on the work surface, poor lighting, extreme temperature, or loose clothing that may have contributed to the injury incident?

NONE

Q.185 If I have missed anything or we need additional information, may I call you back?

Yes, ok to call back

Q.186 When is a good time to reach you?

ANYTIME, THIS IS MY CELL

Q.187 **End interview by saying:**

Thank you very much for your time. Your answers to these questions will be used in our efforts to prevent other such injuries.

Q.188 **Interviewer: Enter today's date (month/day/year).**

09/09/08