

1. Case No.		2. Investigator's ID		3. Office Code		<b>EPIDEMIOLOGIC INVESTIGATION REPORT</b>	
070429HEP5921		5550		591			
4. Date of Accident (Y M D)		5. Date Investigation Initiated (Y M D)					
07/04/13		07/05/07					
6. Synopsis of Accident or Complaint							
THE 54 YEAR OLD MALE VICTIM WAS TREATED FOR A LACERATION TO HIS LEFT HAND, FIFTH DIGIT. HE WAS CUTTING WOOD ON A FRIEND'S TABLE SAW AND USING A PUSH STICK. THE STICK FELL OFF THE WOOD AND PULLED HIS FINGER INTO THE BLADE. HE WENT TO THE ED BY AMBULANCE, WAS TREATED AND RELEASED.							
7. Locations (Home, School, etc.)		8. City		9. State			
1		MOUNTLAKE TERRACE		WA			
10. First Product		11. Trade/Brand Name		Manufacturer Address			
841		RYOBI		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	
54		1		1		59	
16. Body Part		17. Respondent(s) (Mother, Friend)		18. Type Investigation (1=Onsite, 2=Phone, 3=Other)		19. Time Spent	
92		1 VICTIM		2		1.0	
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)							

CPSC FORM NO. 182 (Revised 10/1985)

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

MFR/PRVLBR NOTIFIED

COMMENTS: YES NO  
OVERRULED; ATTACHED

EXCISIONS/FOIA EXS: \_\_\_\_\_

DO NOT RE-NOTIFY RE-NOTIFY

10/10/08 GC

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**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.**

070429HEP5921

**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.**

I WAS CUTTING A 2X4 ON EDGE TO 1 AND 1/8 AND I WAS USING A PUSH STICK WHICH FELL OFF. THE WOOD HIT THE BLADE. I PUSHED THE PUSH STICK AND IT DRAGGED MY FINGER INTO THE BLADE. I CUT MY SMALL FINGER ON MY LEFT HAND. I WAS TAKEN TO THE FIRE DEPARTMENT AND FROM THERE TAKEN TO THE ED BY AMBULANCE. I WAS TREATED AT THE ED AND 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?

\_\_\_\_\_ At the end of a cutting operation

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.

ALL DAY 8 HRS

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 width of the stock (against the grain, cross cutting)

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?

Yes

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

Rip blade

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

Yes

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

10 IN

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?

Yes

Q.58 Can you describe the design of the blade guard?

A REGULAR BLADE GUARD. A PIECE OF PLASTIC OVER THE BLADE

Q.59 Was the blade guard damaged, broken, or in good condition?

\_\_\_\_\_ In good condition

Q.61 At the time of the injury, did the blade guard function properly?

**(Probe to determine:**

**if the guard returned quickly to its normal position, select yes;  
if the guard was slow to return and hung up, select no)**

\_\_\_\_\_ Yes

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

\_\_\_\_\_ No, blade guard could not 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)**

\_\_\_\_\_ Other (specify in next window)

Q.66 **Specify.**

FINISHING THE 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    72  
Width in inches    4  
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.**

No

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?

Behind 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?

Extend beyond

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?

\_\_\_\_\_Another household/borrowed

Q.134 **Specify relationship to victim's household  
ex. neighbor, friend, coworker, etc.**

FRIEND

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.**

2002

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.**

RYOBI

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



Q.145 Enter horsepower, leave blank if unknown.

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?

\_\_\_\_\_Both hands interchangeably (ambidextrous)

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.**

DON'T KNOW. MY BOTH HANDS WERE ON PUSH STICK. I WAS HOLDING THE WOOD FIRMLY. I WAS STANDING DIRECTLY BEHIND THE STOCK.

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)**

\_\_\_\_\_Safety Goggles

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?

No

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

No

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?

No

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.

6'1"

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

220 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 before 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?

MY OWN FAULT, DIDN'T HAVE A CATCH MAN CATCHING THE BOARD AND HOLDING THE WOOD UP

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?

NO

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?

AFTER 5:00 PM

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).**

06/02/07