

1. Case No.	2. Investigator's ID	3. Office Code	EPIDEMIOLOGIC INVESTIGATION REPORT			
080816HEP5761	5555	591				
4. Date of Accident (Y M D)	5. Date Investigation Initiated (Y M D)					
080803	080913					
6. Synopsis of Accident or Complaint						
<p>THE 49 YOM VICTIM WAS OPERATING A TABLE SAW. HE WAS MAKING 2 X 6 BOARD FORMS TO POUR CONCRETE, AND WAS CUTTING 2 X 4 BOARDS TO MAKE CONCRETE STAKES TO BRACE IT. HE WAS HOLDING THE 2 X 4 BOARD WITH HIS LEFT HAND PUSHING IT TO THE BLADE. HE HAD MADE THREE STAKES, AND ON HIS FOURTH STAKE, HE NOTED THAT THE BLADE WAS DULL, BUT HE DID NOT INSTALL A NEW, SHARP BLADE. CONSEQUENTLY, THE DULL SAW BLADE KICKED BACK, AS HE WAS FINISHING THE CUT, GRABBING THE BOARD AND PULLING IT TO THE BLADE WITH HIS HAND. HE LACERATED HIS LEFT THUMB AND MIDDLE FINGER, BUT AMPUTATED HIS INDEX FINGER. HE WRAPPED THE LACERATIONS, RETRIEVED THE AMPUTATED INDEX FINGER, PLACED IT IN A PLASTIC BAGGIE AND ICE, THEN WENT TO THE HOSPITAL. HIS LACERATIONS WERE TREATED, BUT THE AMPUTATED INDEX FINGER COULD NOT BE REATTACHED. BONE FRAGMENT WAS FLOATING IN THE MIDDLE FINGER, BUT WOULD REQUIRE FUTURE SURGERY. THE LACERATIONS WERE SURGICALLY TREATED AND HE WAS RELEASED. HE HAS HAD A SUBSEQUENT SURGERY TO THE MIDDLE LEFT FINGER, AND ACKNOWLEDGES THAT FUTURE SURGERIES WILL BE REQUIRED TO THE MIDDLE LEFT FINGER BEFORE IT HAS FULLY RECOVERED.</p>						
7. Locations (Home, School, etc.)	8. City	9. State				
1	SEATTLE	WA				
10. First Product	11. Trade/Brand Name	12. Manufacturer Address				
841	UNKNOWN	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			
49	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)						

CPSC 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: \_\_\_\_\_

*M*  
*6/13/01*

**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.**

080816HEP5761

**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 USING A TABLE SAW TO CUT CONCRETE STRIPS FROM 2 X 4 BOARDS. I WAS GOING TO USE THE STRIPS AS CONCRETE STAKES AS BRACES. I HAD ALREADY USED 2 X 6 BOARDS AS THE CONCRETE FORM. WHEN CUTTING THE 2 X 4 BOARDS, ON MY FOURTH BOARD, I NOTICED THAT THE BLADE WAS DULL, AND I THOUGHT ABOUT CHANGING IT BUT DID NOT. AT THE END OF THE 2 X 4 DURING THAT FOURTH CUT, THE SAW KICKED BACKED DUE TO THE DULL BLADE THEN GRABBED THE 2 X 4 BOARD AND PULLED IT TO THE BLADE AND MY LEFT HAND WITH IT. I WAS USING MY LEFT HAND TO HOLD THE BOARD AND PUSH IT THROUGH THE BLADE. THE BLADE AMPUTATED MY LEFT INDEX FINGER AT THE FIRST KNUCKLE, CUT MY LEFT THUMB, AND LEFT MIDDLE FINGER. I RETRIEVED THE LEFT INDEX FINGER AND PUT IT IN A PLASTIC BAGGIE WITH ICE. I WENT TO THE HOSPITAL WHERE I WAS TREATED. THE HOSPITAL STAFF WAS UNABLE TO REATTACH THE INDEX FINGER AND TREATED THE LACERATIONS TO MY LEFT THUMB AND MIDDLE FINGER. THE DOCTORS DIAGNOSED FLOATING BONE FRAGMENT IN THE MIDDLE FINGER AND INSTRUCTED ME TO RETURN FOR LATER SURGERY. I WAS RELEASED. I HAVE HAD ADDITIONAL SURGERY WHEREIN TWO SCREWS WERE PLACED IN MY LEFT MIDDLE FINGER, AND AM SCHEDULED FOR ANOTHER SURGERY TO INSERT A STEEL ROD IN TO THAT LEFT MIDDLE FINGER AFTER IT HEALS FURTHER.



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.**

ABOUT 1 HR.

**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)**



Crosscut blade

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

No

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?

Dull

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

Don't know

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

Don't know

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)**

Jumping out of 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 \_\_\_\_\_  
Width in inches \_\_\_\_\_ 2  
Thickness in inches \_ 4

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

Hard  
Smooth  
Dry

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

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

Yes

**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.79 Do you think this blade contact was caused by the stock kickback?**

Yes

**Q.81 Did the stock move out from under your hand causing the hand to slide/fall into the blade, or did the stock pull your hand into the blade, or did something else occur to bring your hand into the blade?**

Stock pulled hand into the blade

**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?

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?

No

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

No, none are known

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.**

I DON'T REMEMBER THE SPECIFICS.

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?

Crosscutting

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?

No

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?

IT WAS A DULL BLADE, WHICH I SHOULD HAVE CHANGED, BUT I WAS RUSHING TO CUT THE STAKES AND DID NOT LISTEN TO MY INNER VOICE WHICH TOLD ME TO CHANGE THE BLADE

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?

No

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).**

OCTOBER 6, 2008