

Saw Survey

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.

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

- Q₁ Hand saw (0830)
- Q₂ Portable circular power saw (0832)
- Q₃ Table or Bench saw (0841)
- Q₄ Band saw (0842)
- Q₅ Radial arm saw (0843)
- Q₆ Saw, not specified (0845)
- Q₇ Sabre saw (0864)
- Q₈ Jigsaw (0875)
- Q₉ Hacksaw (0894)
- Q₀ Power saw, other or not specified (0895)

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

- Q₁ Yes
- Q₂ No

Q.5 INTRODUCTION:

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

- q₁ person is available
- q₂ person is not available

[IF THE ANSWER IS 1, THEN SKIP TO QUESTION 7]

Q.6 When would be a good time to contact him/her? (**Record on Record of Call sheet**)

[IF THE ANSWER TO QUESTION 5 IS 2, THEN SKIP TO QUESTION 187]

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?

- q₁ agreed
- q₂ refused
- q₃ other (specify in next window)

[IF THE ANSWER IS 2, THEN SKIP TO QUESTION 187]

[IF THE ANSWER IS 1, THEN SKIP TO QUESTION 10]

Q.8 please explain

Q.9 Continue with interview?

Q₁ yes
Q₂ no

[IF THE ANSWER IS 2, THEN SKIP TO QUESTION 187]

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

Q₁ Victim/ injured person
Q₂ Mother of victim
Q₃ Father of victim
Q₄ Someone else (specify in next window)

[IF THE ANSWER IS 2 OR 3, THEN SKIP TO QUESTION 12]
[IF THE ANSWER IS 1, THEN SKIP TO QUESTION 13]

Q.11 Please specify relationship to victim.

Q.12 Did you witness the incident?

Q₁ Yes, respondent witnessed the incident
Q₂ No, respondent did not witness the incident

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

- Q₁ Powered
- Q₂ Not powered (manual)
- Q₃ Not a saw (specify product in next window)
- Q₄ Don't know

[IF THE ANSWER IS 1, THEN SKIP TO QUESTION 15]
[IF THE ANSWER IS 2 OR 4, THEN SKIP TO QUESTION 21]

Q.14 **Specify product**

[IF THE ANSWER TO QUESTION 13 IS 3, THEN SKIP TO QUESTION 21]

Q.15 Was the saw a handheld model?

- Q₁ Yes, handheld
- Q₂ No
- Q₃ Don't know

[IF THE ANSWER TO QUESTION 3 IS 6 OR 0 OR 10, THEN SKIP TO QUESTION 17]

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

- Q₁ Yes (correct)
- Q₂ No (incorrect)
- Q₃ Don't know

[IF THE ANSWER IS 1, THEN SKIP TO QUESTION 21]

[IF THE ANSWER TO QUESTION 15 IS 2, THEN SKIP TO QUESTION 19]
[IF THE ANSWER TO QUESTION 15 IS 3, THEN SKIP TO QUESTION 21]

Q.17 Do you call your saw (**choose the best answer**) a circular saw (sometimes called a skil saw), a hack saw, a jigsaw, a saber saw, a reciprocating saw, a chain saw, or something else?

Interviewer: Skil is a manufacturer name for a circular saw type

Q 1 Circular saw (sometimes called "skil" saw)

Q 2 Hack saw

Q 3 Jigsaw

Q 4 Saber saw

Q 5 Reciprocating saw

Q 6 Chain saw

Q 7 Something else (specify in next window)

Q 8 Don't know

[IF THE ANSWER IS NOT 7, THEN SKIP TO QUESTION 21]

Q.18 **Specify**

[IF THE ANSWER TO QUESTION 15 IS NOT 2, THEN SKIP TO QUESTION 21]

Q.19 Do you call your saw a (**read choices**)?

Q 1 Table saw

Q 2 Bench saw

Q 3 Band saw

Q 4 Radial arm saw

Q 5 Miter saw (sometimes called "chop" saw)

Q 6 Stationary reciprocating saw (Jigsaw or saber saw)

Q 7 Something else (specify in next window)

Q 8 Don't know

[IF THE ANSWER IS NOT 7, THEN SKIP TO QUESTION 21]

Q.20 Specify

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.

[IF THE ANSWER TO QUESTION 13 IS NOT 1, THEN SKIP TO QUESTION 187]

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"**)

- Q 1 Motor was running
- Q 2 Motor was not running
- Q 3 Motor was just turned "on"
- Q 4 Motor was just turned "off"
- Q 5 Don't know

[IF THE ANSWER IS NOT 3-4, THEN SKIP TO QUESTION 26]
[IF THE ANSWER IS 4, THEN SKIP TO QUESTION 25]

Q.24 How long before the injury was the motor turned "on"?(**specify min/hrs**)

[IF THE ANSWER TO QUESTION 23 IS 3, THEN SKIP TO QUESTION 26]

Q.25 How long before the injury was the motor turned "off"?(**specify min/hrs**)

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?

- Q₁ Yes
- Q₂ No
- Q₃ Don't know

[IF THE ANSWER TO QUESTION 26 IS NOT 1, THEN SKIP TO QUESTION 28]

Q.27 Is the safety switch removable or stationary?

- Q₁ Removable
- Q₂ Stationary
- Q₃ Don't know

[IF THE ANSWER TO QUESTION 15 IS NOT 2, THEN SKIP TO QUESTION 30]

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)?

- Q₁ Direct Drive (blade mounted directly onto the motor output shaft)
- Q₂ Indirect Drive (belt or gear driven)
- Q₃ Other (specify in next window)
- Q₄ Don't know

[IF THE ANSWER IS NOT 3, THEN SKIP TO QUESTION 30]

Q.29 **Specify.**

[IF THE ANSWER TO QUESTION 10 IS NOT 1, THEN SKIP TO QUESTION 33]

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

- Q 1 Using the saw
- Q 2 Repairing/maintaining the saw
- Q 3 Not using the saw
- Q 4 Don't know

[IF THE ANSWER IS 1, THEN SKIP TO QUESTION 36]
[IF THE ANSWER IS 2, THEN SKIP TO QUESTION 142]

Q.31 Was someone else operating the saw at the time of the injury?

- Q 1 Yes
- Q 2 No
- Q 3 Don't know

[IF THE ANSWER IS 2, THEN SKIP TO QUESTION 142]

Q.32 What were you doing?

- Q 1 Helping
- Q 2 Transporting the saw
- Q 3 Walking, standing, or playing nearby

[IF THE ANSWER IS 2, THEN SKIP TO QUESTION 142]
[IF THE ANSWER IS 3, THEN SKIP TO QUESTION 47]

[IF THE ANSWER TO QUESTION 10 IS 1, THEN SKIP TO QUESTION 36]

Q.33 At the time of the injury, was the victim using the saw, repairing/maintaining the saw, or was the victim not using the saw?

- Q 1 Using the saw
- Q 2 Repairing/maintaining the saw
- Q 3 Not using the saw
- Q 4 Don't know

[IF THE ANSWER IS 1, THEN SKIP TO QUESTION 36]
[IF THE ANSWER IS 2, THEN SKIP TO QUESTION 142]

Q.34 Was someone other than the victim operating the saw at the time of the injury?

- Q 1 Yes
- Q 2 No
- Q 3 Don't know

[IF THE ANSWER IS 2, THEN SKIP TO QUESTION 142]

Q.35 What was the victim doing?

- Q 1 Helping
- Q 2 Transporting the saw
- Q 3 Walking, standing, or playing nearby

[IF THE ANSWER IS 2, THEN SKIP TO QUESTION 142]
[IF THE ANSWER IS 3, THEN SKIP TO QUESTION 47]

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?

- Q₁ About to start cutting
- Q₂ Pausing during a cutting operation
- Q₃ At the end of a cutting operation
- Q₄ Actually cutting / in the middle of cut
- Q₅ None of these / saw not in use for cutting at time of injury
- Q₆ Don't know

[IF THE ANSWER IS 1, THEN SKIP TO QUESTION 48]
[IF THE ANSWER IS 5, THEN SKIP TO QUESTION 142]

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

- Q₁ Yes
- Q₂ No

[IF THE ANSWER IS 2, THEN SKIP TO QUESTION 39]

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

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

- Q₁ Wooden board
- Q₂ Paneling
- Q₃ Dry wall
- Q₄ Metal
- Q₅ Plastic
- Q₆ Other (specify in next window)
- Q₇ Don't know

[IF THE ANSWER IS NOT 6, THEN SKIP TO QUESTION 41]

Q.40 Specify material being cut.

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

[IF THE ANSWER TO QUESTION 39 IS NOT 1-2, THEN SKIP TO QUESTION 43]

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?

- Q₁ The length of the stock (with the grain, ripping)
- Q₂ The width of the stock (against the grain, cross cutting)
- Q₃ The stock at an angle (specify angle in next window)
- Q₄ Other (specify in next window)
- Q₅ Don't know

[IF THE ANSWER IS NOT 3-4, THEN SKIP TO QUESTION 46]

[IF THE ANSWER IS 4, THEN SKIP TO QUESTION 45]

[IF THE ANSWER IS 3, THEN SKIP TO QUESTION 44]

Q.43 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 (ripping), cutting the width of the stock (cross cutting), cutting the stock at an angle, or cutting the stock in some other way?

- Q 1 The length of the stock (ripping)
- Q 2 The width of the stock (cross cutting)
- Q 3 The stock at an angle (specify angle in next window)
- Q 4 Other (specify in next window)
- Q 5 Don't know

[IF THE ANSWER IS NOT 3-4, THEN SKIP TO QUESTION 46]
[IF THE ANSWER IS 4, THEN SKIP TO QUESTION 45]

Q.44 **Specify degree of angle.**

[IF THE ANSWER TO QUESTION 42 IS 3, THEN SKIP TO QUESTION 46]
[IF THE ANSWER TO QUESTION 43 IS 3, THEN SKIP TO QUESTION 46]

Q.45 **Specify.**

[IF THE ANSWER TO QUESTION 15 IS NOT 2, THEN SKIP TO QUESTION 47]

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

- Q 1 Vertically straight cut
- Q 2 Bevel cut
- Q 3 Don't know

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

- Q₁ Yes
- Q₂ No
- Q₃ Don't know

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

- Q₁ Crosscut blade
- Q₂ Rip blade
- Q₃ Combination blade
- Q₄ Dado blade
- Q₅ Other (specify in next window)
- Q₆ Don't know

[IF THE ANSWER IS 1 OR 2 OR 3 OR 4 OR 6, THEN SKIP TO QUESTION 50]

Q.49 **Specify type of blade.**

[IF THE ANSWER TO QUESTION 17 IS 2 OR 3 OR 4 OR 5 OR 6, THEN SKIP TO QUESTION 52]

[IF THE ANSWER TO QUESTION 19 IS 3 OR 6, THEN SKIP TO QUESTION 52]

[IF THE ANSWER TO QUESTION 16 IS 1, AND...]

[IF THE ANSWER TO QUESTION 3 IS 1 OR 4 OR 7 OR 8 OR 9, THEN SKIP TO QUESTION 52]

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

- Q₁ Yes
- Q₂ No

[IF THE ANSWER IS 2, THEN SKIP TO QUESTION 52]

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

- Q₁ Sharp
- Q₂ Dull
- Q₃ Teeth missing
- Q₄ Other (specify in next window)
- Q₅ Don't know

[IF THE ANSWER IS NOT 4, THEN SKIP TO QUESTION 54]

Q.53 **Specify condition of the blade.**

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

- Q₁ Yes
- Q₂ No
- Q₃ Don't know

[IF THE ANSWER IS 3, THEN SKIP TO QUESTION 63]
[IF THE ANSWER IS 1, THEN SKIP TO QUESTION 58]

Q.55 What was the reason?

- Q₁ Guard had broken off
- Q₂ Guard had been removed
- Q₃ Saw never had a guard
- Q₄ Other (specify in next window)

[IF THE ANSWER IS 1 OR 3, THEN SKIP TO QUESTION 63]
[IF THE ANSWER IS 4, THEN SKIP TO QUESTION 57]

Q.56 Why was the blade guard removed?

[IF THE ANSWER TO QUESTION 55 IS 2, THEN SKIP TO QUESTION 63]

Q.57 **Specify.**

[IF THE ANSWER TO QUESTION 54 IS 2, THEN SKIP TO QUESTION 63]

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

[IF THE ANSWER TO QUESTION 54 IS 2, THEN SKIP TO QUESTION 63]

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

- Q₁ Damaged
- Q₂ Broken
- Q₃ In good condition
- Q₄ Don't know

[IF THE ANSWER IS NOT 1-2, THEN SKIP TO QUESTION 61]

Q.60 **Specify how blade guard was [ANSWER TO Q. 59].**

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)**

- Q₁ Yes
- Q₂ No (explain in next window)
- Q₃ Don't know

[IF THE ANSWER IS NOT 2, THEN SKIP TO QUESTION 63]

Q.62 **Explain.**

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

- Q₁ Yes, blade guard could have prevented
- Q₂ No, blade guard could not have prevented
- Q₃ 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**)

- Q₁ Resting on the stock but not yet in a cut
- Q₂ Inside a cut
- Q₃ Jumping out of the cut
- Q₄ Above the stock (describe in next window)
- Q₅ Other (specify in next window)
- Q₆ Don't know

[IF THE ANSWER IS NOT 4 OR 5, THEN SKIP TO QUESTION 67]

[IF THE ANSWER TO QUESTION 64 IS 5, THEN SKIP TO QUESTION 66]

Q.65 **Describe.**

[IF THE ANSWER TO QUESTION 64 IS 4, THEN SKIP TO QUESTION 67]

Q.66 **Specify.**

[IF THE ANSWER TO QUESTION 64 IS 1, THEN SKIP TO QUESTION 69]

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

- Q₁ Just starting to cut at one end?
- Q₂ Part way through? (specify in next window)
- Q₃ Coming out at the other end of the stock?
- Q₄ Don't know

[IF THE ANSWER IS NOT 2, THEN SKIP TO QUESTION 69]

Q.68 **Specify: one-half, one-third, one-fourth way or number of inches**

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

- Q₁ Rectangular
- Q₂ Other shape (specify in next window)
- Q₃ Don't know

[IF THE ANSWER IS NOT 2, THEN SKIP TO QUESTION 71]

Q.70 **Specify shape of stock.**

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

- Q₁ Yes, know at least one dimension
- Q₂ No

[IF THE ANSWER IS NOT 1, THEN SKIP TO QUESTION 73]

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

Length in inches _____
Width in inches _____
Thickness in inches _____

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

- Q₁ Hard
- Q₂ Smooth
- Q₃ Wet
- Q₄ Dry
- Q₅ Green
- Q₆ Knotty
- Q₇ Nothing unusual
- Q₈ Other (specify in next window)
- Q₉ Don't know

[IF THE ANSWER IS NOT 8, THEN SKIP TO QUESTION 75]

Q.74 Specify.

Q.75 Did the stock kick back or jump?

Interviewer: Unexpected stock movement is an indication of kickback.

- Q₁ Yes
- Q₂ No
- Q₃ Other (specify in next window)
- Q₄ Don't Know

[IF THE ANSWER IS NOT 3, THEN SKIP TO QUESTION 77]

Q.76 **Specify.**

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

- Q₁ Yes
- Q₂ No
- Q₃ Don't Know

[IF THE ANSWER IS NOT 1, THEN SKIP TO QUESTION 86]

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

- Q₁ Above
- Q₂ Below
- Q₃ Don't Know

[IF THE ANSWER TO QUESTION 75 IS NOT 1, THEN SKIP TO QUESTION 84]

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

- Q₁ Yes
- Q₂ No
- Q₃ Other (specify in next window)
- Q₄ Don't know

[IF THE ANSWER IS 2 OR 4, THEN SKIP TO QUESTION 84]
[IF THE ANSWER IS 1, THEN SKIP TO QUESTION 81]

Q.80 Specify.

[IF THE ANSWER TO QUESTION 3 IS 2, THEN SKIP TO QUESTION 84]
[IF THE ANSWER TO QUESTION 10 IS 2-5, THEN SKIP TO QUESTION 82]

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?

- Q₁ Stock moved out from underneath, causing hand to fall into blade
- Q₂ Stock pulled hand into the blade
- Q₃ Something else (Specify in next window)
- Q₄ Don't know

[IF THE ANSWER IS NOT 3, THEN SKIP TO QUESTION 84]
[IF THE ANSWER IS 3, THEN SKIP TO QUESTION 83]

[IF THE ANSWER TO QUESTION 3 IS 2, THEN SKIP TO QUESTION 84]
[IF THE ANSWER TO QUESTION 10 IS 1, THEN SKIP TO QUESTION 84]

Q.82 Did the stock move out from under the victim's hand causing the hand to slide/fall into the blade, or did the stock pull the victim's hand into the blade, or did something else occur to bring the victim's hand into the blade?

- Q₁ Stock moved out from underneath, causing hand to fall into blade
- Q₂ Stock pulled hand into the blade
- Q₃ Something else (Specify in next window)
- Q₄ Don't know

[IF THE ANSWER IS NOT 3, THEN SKIP TO QUESTION 84]

Q.83 Specify.

[IF THE ANSWER TO QUESTION 4 IS 2, THEN SKIP TO QUESTION 86]
[IF THE ANSWER TO QUESTION 10 IS NOT 1, THEN SKIP TO QUESTION 85]

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

- Q₁ In front of blade
- Q₂ Behind blade
- Q₃ Don't know

[IF THE ANSWER TO QUESTION 4 IS 2, THEN SKIP TO QUESTION 86]
[IF THE ANSWER TO QUESTION 10 IS 1, THEN SKIP TO QUESTION 86]

Q.85 Was the victim's hand in front of or behind the blade when contact was made?

- Q₁ In front of blade
- Q₂ Behind blade
- Q₃ Don't know

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

- Q₁ On a table
- Q₂ On a sawhorse
- Q₃ In some other way (specify in next window)
- Q₄ Don't know

[IF THE ANSWER IS NOT 3, THEN SKIP TO QUESTION 88]

Q.87 Describe how the stock was supported.

[IF THE ANSWER TO QUESTION 15 IS NOT 2, THEN SKIP TO QUESTION 89]

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

- Q₁ Fit on the table
- Q₂ Extend beyond
- Q₃ Don't know

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

- Q₁ Yes
- Q₂ No
- Q₃ Don't know

[IF THE ANSWER TO QUESTION 15 IS NOT 1, THEN SKIP TO QUESTION 93]

Q.90 What is the weight of the portable saw? (enter the estimated weight in pounds or UNKOWN if not known)

Q.91 Did you (the operator) have any problems with the saw being too heavy to handle easily?

- Q₁ Yes
- Q₂ No
- Q₃ Don't know

[IF THE ANSWER IS NOT 1, THEN SKIP TO QUESTION 93]

Q.92 Describe the problems with the saw being too heavy.

[IF THE ANSWER TO QUESTION 16 IS 1, AND...]
[IF THE ANSWER TO QUESTION 3 IS NOT 2, THEN SKIP TO QUESTION 99]
[IF THE ANSWER TO QUESTION 17 IS 2-8, THEN SKIP TO QUESTION 99]
[IF THE ANSWER TO QUESTION 16 IS NOT 1, AND...]
[IF THE ANSWER TO QUESTION 15 IS NOT 1, THEN SKIP TO QUESTION 99]

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**)

- Q₁ Yes
- Q₂ No
- Q₃ Don't know

[IF THE ANSWER IS NOT 1, THEN SKIP TO QUESTION 95]

Q.94 Specify how the plate/shoe was set.

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

- Q₁ Yes
- Q₂ No
- Q₃ Don't know

[IF THE ANSWER IS NOT 2, THEN SKIP TO QUESTION 97]

Q.96 Describe the relationship between the plate/shoe and 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?

- Q₁ Standing
- Q₂ Kneeling
- Q₃ Crouching
- Q₄ Leaning
- Q₅ Other (specify in next window)
- Q₆ Don't know

[IF THE ANSWER IS NOT 5, THEN SKIP TO QUESTION 133]

Q.98 Specify the operator's position.

[IF THE ANSWER TO QUESTION 16 IS 1, AND...]
[IF THE ANSWER TO QUESTION 3 IS NOT 3-4, THEN SKIP TO QUESTION 117]
[IF THE ANSWER TO QUESTION 19 IS 4-8, THEN SKIP TO QUESTION 117]
[IF THE ANSWER TO QUESTION 16 IS NOT 1, AND...]
[IF THE ANSWER TO QUESTION 15 IS NOT 2, THEN SKIP TO QUESTION 133]
[IF THE ANSWER TO QUESTION 16 IS 1, AND...]
[IF THE ANSWER TO QUESTION 3 IS 4, THEN SKIP TO QUESTION 100]
[IF THE ANSWER TO QUESTION 19 IS 3, THEN SKIP TO QUESTION 100]

Q.99 Was the table saw a portable bench saw model, a semi-portable contractor saw model (saw is on a frame with legs), or a fixed cabinet saw model?

- Q₁ Portable Bench saw model
- Q₂ Semi-portable contractor saw (saw is on a frame with legs)
- Q₃ Fixed cabinet saw
- Q₄ Don't know

Q.100 How was the saw supported at the time of the injury?

(1) Determine whether the base or cabinet (supporting the saw) came with the table saw when it was purchased or whether the operator used some other support.

(2) Determine whether the base was stable.

Q.101 Were you (operator) pulling, pushing, or holding the stock at the time of the injury?

- Q₁ Pulling
- Q₂ Pushing
- Q₃ Holding
- Q₄ None of these
- Q₅ Don't know

[IF THE ANSWER IS NOT 2, THEN SKIP TO QUESTION 104]

Q.102 Was a push stick or a miter gauge used for pushing?

- Q₁ Push stick used
- Q₂ Miter gauge used
- Q₃ Both used
- Q₄ Neither a push stick nor a miter gauge was used
- Q₅ Don't know

[IF THE ANSWER IS NOT 4, THEN SKIP TO QUESTION 104]

Q.103 Why?

Q.104 Was a rip fence used to guide the stock?

- Q₁ Yes
- Q₂ No
- Q₃ Don't know

[IF THE ANSWER IS NOT 1, THEN SKIP TO QUESTION 109]

Q.105 Was the stock held securely against the fence during the cutting operation or was it wobbling or shifting?

- Q₁ Held securely against the fence
- Q₂ Wobbling or shifting
- Q₃ Other (specify in next window)
- Q₄ Don't know

[IF THE ANSWER IS 2 OR 4, THEN SKIP TO QUESTION 109]
[IF THE ANSWER IS 3, THEN SKIP TO QUESTION 108]

Q.106 How was the stock held?

- Q₁ Held with one hand
- Q₂ Held with both hands
- Q₃ Clamped to the table
- Q₄ Other way (specify in next window)
- Q₅ Don't know

[IF THE ANSWER IS NOT 4, THEN SKIP TO QUESTION 109]

Q.107 Specify other way the stock was held.

[IF THE ANSWER TO QUESTION 105 IS NOT 3, THEN SKIP TO QUESTION 109]

Q.108 Specify.

Q.109 Do you remember the height of the blade above the table?

Q₁ Yes
Q₂ No

[IF THE ANSWER IS NOT 1, THEN SKIP TO QUESTION 113]

Q.110 What was the height of the blade above the table in inches?

Q.111 How was this height measured?

Q₁ Saw gauge
Q₂ Ruler
Q₃ Other (specify in next window)

[IF THE ANSWER IS NOT 3, THEN SKIP TO QUESTION 113]

Q.112 **Specify.**

[IF THE ANSWER TO QUESTION 19 IS 3, THEN SKIP TO QUESTION 133]
[IF THE ANSWER TO QUESTION 16 IS 1, AND...]
[IF THE ANSWER TO QUESTION 3 IS 4, THEN SKIP TO QUESTION 133]

Q.113 Was a riving knife attached to the saw at the time of the injury?

- Q₁ Yes
- Q₂ No
- Q₃ Don't know

Q.114 Was there an anti-kickback pawls and spreader assembly attached to the saw at the time of the injury?

- Q₁ Yes
- Q₂ No
- Q₃ Don't know

[IF THE ANSWER IS NOT 1, THEN SKIP TO QUESTION 116]

Q.115 Was the anti-kickback mechanism resting on the stock, or was it not touching the stock?

- Q₁ Resting on the stock
- Q₂ Not touching the stock
- Q₃ Don't know

[IF THE ANSWER TO QUESTION 114 IS NOT 2, THEN SKIP TO QUESTION 133]

Q.116 Why not?

[IF THE ANSWER TO QUESTION 16 IS 1, AND...]
[IF THE ANSWER TO QUESTION 3 IS NOT 5-8, THEN SKIP TO QUESTION 133]
[IF THE ANSWER TO QUESTION 15 IS NOT 2, THEN SKIP TO QUESTION 133]
[IF THE ANSWER TO QUESTION 19 IS 1-3 OR 7-10, THEN SKIP TO QUESTION 133]

Q.117 How was the saw supported at the time of the accident?

(1) Determine whether the support (base or cabinet) came with the saw when it was purchased or if the operator used some other support.

(2) Determine whether the support was stable.

Q.118 Were you (operator) pushing or pulling the stock or pushing, pulling, lifting, or lowering the arm of the saw at the time of the injury?

- Q 1 Pulling stock
- Q 2 Pushing stock
- Q 3 Pulling saw arm
- Q 4 Pushing saw arm
- Q 5 Lifting saw arm
- Q 6 Lowering saw arm
- Q 7 Other (specify in next window)
- Q 8 Don't know

[IF THE ANSWER IS 7, THEN SKIP TO QUESTION 121]
[IF THE ANSWER IS NOT 2, THEN SKIP TO QUESTION 122]

Q.119 Was a push stick used?

- Q₁ Yes
- Q₂ No
- Q₃ Don't know

[IF THE ANSWER IS NOT 2, THEN SKIP TO QUESTION 122]

Q.120 Why not?

[IF THE ANSWER TO QUESTION 118 IS 2, THEN SKIP TO QUESTION 122]

Q.121 **Specify.**

Q.122 Was a rip fence used to guide the stock?

- Q₁ Yes
- Q₂ No
- Q₃ Don't know

[IF THE ANSWER IS NOT 1, THEN SKIP TO QUESTION 127]

Q.123 Was the stock held securely against the fence during the cutting operation or was it wobbling or shifting?

- Q 1 Held securely against the fence
- Q 2 Wobbling or shifting
- Q 3 Other (specify in next window)
- Q 4 Don't know

[IF THE ANSWER IS 2 OR 4, THEN SKIP TO QUESTION 127]
[IF THE ANSWER IS 3, THEN SKIP TO QUESTION 126]

Q.124 How was the stock secured to the fence?

- Q 1 Held with one hand
- Q 2 Held with both hands
- Q 3 Clamped to the table
- Q 4 Other (specify in next window)
- Q 5 Don't know

[IF THE ANSWER IS NOT 4, THEN SKIP TO QUESTION 127]

Q.125 **Specify.**

[IF THE ANSWER TO QUESTION 123 IS NOT 3, THEN SKIP TO QUESTION 127]

Q.126 **Specify.**

Q.127 Was there an anti-kickback and spreader assembly attached to the saw at the time of the injury?

- Q₁ Yes
- Q₂ No
- Q₃ Don't know

[IF THE ANSWER IS 3, THEN SKIP TO QUESTION 131]
[IF THE ANSWER IS 2, THEN SKIP TO QUESTION 130]

Q.128 At the time of the injury, was the anti-kickback mechanism resting on the stock, or was it not touching the stock?

- Q₁ Resting on the stock
- Q₂ Not touching the stock
- Q₃ Don't know

Q.129 As the stock was getting cut, can you tell me if the anti-kickback and spreader assembly was positioned in front of the cut or behind the cut?

- Q₁ In front of the cut
- Q₂ Behind the cut
- Q₃ Don't know

[IF THE ANSWER TO QUESTION 127 IS NOT 2, THEN SKIP TO QUESTION 131]

Q.130 Why not?

Q.131 Was there an electric brake on the saw at the time of the injury?

- Q₁ Yes
- Q₂ No
- Q₃ Don't know

[IF THE ANSWER IS NOT 1, THEN SKIP TO QUESTION 133]

Q.132 Did the electric brake stop the saw properly and quickly?

- Q₁ Yes
- Q₂ No
- Q₃ Don't know

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

- Q₁ Your/Victim's household
- Q₂ Another household/borrowed
- Q₃ Rented
- Q₄ Other (specify in next window)
- Q₅ Don't know

[IF THE ANSWER IS 1 OR 5, THEN SKIP TO QUESTION 137]

[IF THE ANSWER IS 3, THEN SKIP TO QUESTION 140]

[IF THE ANSWER IS 4, THEN SKIP TO QUESTION 135]

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

[IF THE ANSWER TO QUESTION 133 IS 2, THEN SKIP TO QUESTION 140]

Q.135 Specify.

Q.136 Did <[ANSWER TO Q. 135]> get the saw new or used?

Q₁ New
Q₂ Used
Q₃ Don't know

[IF THE ANSWER IS NOT 1, THEN SKIP TO QUESTION 140]
[IF THE ANSWER IS 1, THEN SKIP TO QUESTION 138]

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

Q₁ New
Q₂ Used
Q₃ Don't know

[IF THE ANSWER IS NOT 1, THEN SKIP TO QUESTION 140]

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

Q₁ Yes
Q₂ No

[IF THE ANSWER IS NOT 1, THEN SKIP TO QUESTION 140]

Q.139 **Specify when saw was purchased
enter month and/or year.**

[IF THE ANSWER TO QUESTION 138 IS 1, THEN SKIP TO QUESTION 142]

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

Q₁ Yes
Q₂ No

[IF THE ANSWER IS NOT 1, THEN SKIP TO QUESTION 142]

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

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

Q₁ Yes, if any are known
Q₂ No, none are known

[IF THE ANSWER IS NOT 1, THEN SKIP TO QUESTION 146]

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

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

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

[IF THE ANSWER TO QUESTION 30 IS 2, THEN SKIP TO QUESTION 187]
[IF THE ANSWER TO QUESTION 31 IS 2, THEN SKIP TO QUESTION 187]
[IF THE ANSWER TO QUESTION 32 IS 2, THEN SKIP TO QUESTION 187]
[IF THE ANSWER TO QUESTION 36 IS 5, THEN SKIP TO QUESTION 187]
[IF THE ANSWER TO QUESTION 33 IS 2, THEN SKIP TO QUESTION 187]
[IF THE ANSWER TO QUESTION 34 IS 2, THEN SKIP TO QUESTION 187]
[IF THE ANSWER TO QUESTION 35 IS 2, THEN SKIP TO QUESTION 187]

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

- Q₁ Yes
- Q₂ No
- Q₃ Don't know

[IF THE ANSWER IS NOT 1, THEN SKIP TO QUESTION 150]

Q.147 How was the saw changed or modified?

Q.148 Who made the modification?

- Q₁ Victim
- Q₂ Friend
- Q₃ Relative
- Q₄ Other (specify in next window)
- Q₅ Don't know

[IF THE ANSWER IS NOT 4, THEN SKIP TO QUESTION 150]

Q.149 **Specify relationship of this person to the victim.**

[IF THE ANSWER TO QUESTION 15 IS 2, THEN SKIP TO QUESTION 152]

Q.150 Does the saw have a cord (**plugs into the wall**) or is it cordless (**runs off battery power**)?

- Q₁ Has a cord
- Q₂ Cordless (battery powered)
- Q₃ Both (can be plugged in or run off battery)
- Q₄ Don't know

[IF THE ANSWER IS NOT 3, THEN SKIP TO QUESTION 152]

Q.151 At the time of the incident, was the saw plugged in or running off battery power?

- Q₁ Plugged in
- Q₂ Battery power
- Q₃ Don't know

[IF THE ANSWER TO QUESTION 10 IS NOT 1, THEN SKIP TO QUESTION 153]

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

- Q 1 Left-handed
- Q 2 Right-handed
- Q 3 Both hands interchangeably (ambidextrous)
- Q 4 Don't know

[IF THE ANSWER TO QUESTION 10 IS 1, THEN SKIP TO QUESTION 154]

Q.153 Is the victim right-handed, left-handed, or does the victim use both hands interchangeably?

- Q 1 Left-handed
- Q 2 Right-handed
- Q 3 Both hands interchangeably (ambidextrous)
- Q 4 Don't know

[IF THE ANSWER TO QUESTION 30 IS 1, THEN SKIP TO QUESTION 155]
[IF THE ANSWER TO QUESTION 33 IS 1, THEN SKIP TO QUESTION 155]

Q.154 Is the operator right-handed, left-handed, or does the operator use both hands interchangeably?

- Q 1 Left-handed
- Q 2 Right-handed
- Q 3 Both hands interchangeably (ambidextrous)
- Q 4 Don't know

[IF THE ANSWER TO QUESTION 15 IS 2, THEN SKIP TO QUESTION 156]

Q.155 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 how the saw was held (2) Indicate how saw was fed into the stock. (3) Specify operator's position to the side or directly behind the stock.

[IF THE ANSWER TO QUESTION 15 IS NOT 2, THEN SKIP TO QUESTION 157]

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.

[IF THE ANSWER TO QUESTION 10 IS NOT 1, THEN SKIP TO QUESTION 158]

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)**

- Q₁ Eyeglasses
- Q₂ Safety Goggles
- Q₃ Gloves
- Q₄ Other special clothing (specify in next window)
- Q₅ No
- Q₆ Don't know

[IF THE ANSWER IS NOT 4, THEN SKIP TO QUESTION 160]
[IF THE ANSWER IS 4, THEN SKIP TO QUESTION 159]

Q.158 Was the victim wearing eyeglasses, safety goggles, gloves, or any other special clothing at the time of the injury? **(Select as many as applicable)**

- Q 1 Eyeglasses
- Q 2 Safety Goggles
- Q 3 Gloves
- Q 4 Other special clothing (specify in next window)
- Q 5 No
- Q 6 Don't know

[IF THE ANSWER IS NOT 4, THEN SKIP TO QUESTION 160]

Q.159 **What other special clothing was worn by the victim?**

[IF THE ANSWER TO QUESTION 30 IS 1, THEN SKIP TO QUESTION 162]
[IF THE ANSWER TO QUESTION 33 IS 1, THEN SKIP TO QUESTION 162]

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 1 Eyeglasses
- Q 2 Safety Goggles
- Q 3 Gloves
- Q 4 Other special clothing (specify in next window)
- Q 5 No
- Q 6 Don't know

[IF THE ANSWER IS NOT 4, THEN SKIP TO QUESTION 164]

Q.161 **What other special clothing was worn by the operator?**

Q.162 How many times during the last year have you (operator) used the saw?

- Q₁ First time
- Q₂ 1-5 times
- Q₃ 6-10 times
- Q₄ 10 times or more
- Q₅ Don't know

Q.163 On the average, how many hours and minutes each time did you (operator) spend operating the saw?

- Q₁ 0 hours (about to start cutting)
- Q₂ Less than 1 hour
- Q₃ 1 hour or more
- Q₄ Don't know

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

- Q₁ Crosscutting
- Q₂ Ripping
- Q₃ Mitering
- Q₄ Bevelling
- Q₅ Combination of uses
- Q₆ Other (specify in next window)
- Q₇ Don't know

[IF THE ANSWER IS NOT 6, THEN SKIP TO QUESTION 166]

Q.165 **Specify the type of use.**

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

- Q₁ Yes
- Q₂ No
- Q₃ Don't know

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

- Q₁ Yes
- Q₂ No
- Q₃ Don't know

[IF THE ANSWER IS NOT 1, THEN SKIP TO QUESTION 169]

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

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?

- Q₁ Yes
- Q₂ No
- Q₃ Don't know

[IF THE ANSWER IS NOT 1, THEN SKIP TO QUESTION 172]

Q.170 Specify what those warnings say.

Q.171 Where were these warnings located?

[IF THE ANSWER TO QUESTION 10 IS NOT 1, THEN SKIP TO QUESTION 173]

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

Q₁ Yes, at least one of them

Q₂ No

[IF THE ANSWER IS NOT 1, THEN SKIP TO QUESTION 176]

[IF THE ANSWER IS 1, THEN SKIP TO QUESTION 174]

Q.173 Do you know the victim's height and/or weight?

Q₁ Yes, at least one of them

Q₂ No

[IF THE ANSWER IS NOT 1, THEN SKIP TO QUESTION 176]

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

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

[IF THE ANSWER TO QUESTION 30 IS 1, THEN SKIP TO QUESTION 179]
[IF THE ANSWER TO QUESTION 33 IS 1, THEN SKIP TO QUESTION 179]

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

Q₁ Yes, at least one of them

Q₂ No

[IF THE ANSWER IS NOT 1, THEN SKIP TO QUESTION 179]

Q.177 Enter height, leave blank if unknown/refused.

Q.178 Enter weight, leave blank if unknown/refused

[IF THE ANSWER TO QUESTION 133 IS 3, THEN SKIP TO QUESTION 180]

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

- Q₁ Assembled before purchase
- Q₂ Assembled after purchase
- Q₃ Don't know

[IF THE ANSWER TO QUESTION 133 IS NOT 3, THEN SKIP TO QUESTION 181]

Q.180 Was the saw already assembled before rental or did you (operator) have to assemble it during rental?

- Q₁ Assembled before rented
- Q₂ Assembled during rental
- Q₃ Don't know

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

- Q₁ Yes
- Q₂ No
- Q₃ Don't know

[IF THE ANSWER IS NOT 1, THEN SKIP TO QUESTION 183]

Q.182 **Please explain.**

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

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?

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

Q₁ Yes, ok to call back

Q₂ No

[IF THE ANSWER IS NOT 1, THEN SKIP TO QUESTION 187]

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

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).
