



**United States
CONSUMER PRODUCT SAFETY COMMISSION
4330 East West Highway
Bethesda, MD 20814**

This document has been electronically
approved and signed.

BALLOT VOTE SHEET

DATE: May 15, 2013

TO: The Commission
Todd A. Stevenson, Secretary

THROUGH: Stephanie Tsacoumis, General Counsel
Kenneth R. Hinson, Executive Director

FROM: Patricia M. Pollitzer, Assistant General Counsel
Hyun S. Kim, Attorney

SUBJECT: Agency Information Collection Activities –
Table Saw User Survey

BALLOT VOTE DUE: May 21, 2013

Attached for Commission consideration is a draft *Federal Register* notice on a proposed collection of information to conduct a survey regarding consumer use of modular blade guards on table saws. A copy of the draft survey is being provided to the Commission for reference. Collections of information are subject to approval by OMB under the Paperwork Reduction Act (PRA) of 1995. Under the PRA, the first step in obtaining OMB approval is publication of a *Federal Register* notice providing the opportunity for public comment on the proposed collection of information.¹

¹ This collection of information does not fall within the scope of the authority delegated to the Office of the General Counsel under Order No. 0315.8, which is limited solely to *Federal Register* notices required by the PRA, where such notices involve the obtaining of information of facts or opinions by imposing reporting or recordkeeping requirements on 10 or more persons, other than employees of the United States; or collections of information associated with procurement of goods or services; or collections of information undertaken as "Follow-up activities for product-related injuries."

Please indicate your vote on the following options:

- I. Approve publication of the draft notice in the *Federal Register*.

(Signature)

(Date)

- II. Approve publication of the draft notice in the *Federal Register*, with changes.
(Please specify.)

(Signature)

(Date)

- III. Do not approve publication of the draft notice in the *Federal Register*.

(Signature)

(Date)

- IV. Take other action. (Please specify.)

(Signature)

(Date)

Attachment: Draft *Federal Register* Notice; Agency Information Collection Activities; Proposed Collection; Comment Request; Table Saw User Survey

CONSUMER PRODUCT SAFETY COMMISSION

Docket No. CPSC-2011-0074

Agency Information Collection Activities; Proposed Collection; Comment Request; CPSC

Table Saw User Survey

AGENCY: Consumer Product Safety Commission.

ACTION: Notice.

SUMMARY: The Consumer Product Safety Commission (CPSC or Commission) is announcing an opportunity for public comment on the proposed collection of certain information by the agency. Under the Paperwork Reduction Act of 1995 (PRA), federal agencies are required to publish notice in the FEDERAL REGISTER concerning each proposed collection of information and to allow 60 days for public comment in response to the notice. This notice solicits comments on a survey of table saw users to determine the effectiveness of modular blade guards.

DATES: Submit written or electronic comments on the collection of information by [insert date 60 days after date of publication in the FEDERAL REGISTER].

ADDRESSES:

You may submit comments, identified by Docket No. CPSC-2011-0074, by any of the following methods:

Electronic Submissions: Submit electronic comments to the Federal eRulemaking Portal at: <http://www.regulations.gov>. Follow the instructions for submitting comments. The Commission does not accept comments submitted by electronic mail (e-mail), except through www.regulations.gov. The Commission encourages you to submit electronic comments by using the Federal eRulemaking Portal, as described above.

Written Submissions: Submit written submissions in the following way: Mail/Hand delivery/Courier (for paper, disk, or CD-ROM submissions), preferably in five copies, to: Office of the Secretary, Consumer Product Safety Commission, Room 820, 4330 East West Highway, Bethesda, MD 20814; telephone (301) 504-7923.

Instructions: All submissions received must include the agency name and docket number for this notice. All comments received may be posted without change, including any personal identifiers, contact information, or other personal information provided, to: <http://www.regulations.gov>. Do not submit confidential business information, trade secret information, or other sensitive or protected information that you do not want to be available to the public. If furnished at all, such information should be submitted in writing.

Docket: For access to the docket to read background documents or comments received, go to: <http://www.regulations.gov>, and insert the docket number, CPSC-2011- 0074, into the “Search” box, and follow the prompts. A copy of the draft survey is available at <http://www.regulations.gov> under Docket No. CPSC-2011-0074, Supporting and Related Materials.

FOR FURTHER INFORMATION CONTACT: For further information contact: Robert H. Squibb, Consumer Product Safety Commission, 4330 East West Highway, Bethesda, MD 20814; (301) 504-7815, or by e-mail to: rsquibb@cpsc.gov.

SUPPLEMENTARY INFORMATION: Under the PRA (44 U.S.C. 3501-3520), federal agencies must obtain approval from the Office of Management and Budget (OMB) for each collection of information they conduct or sponsor. “Collection of information” is defined in 44 U.S.C. 3502(3) and 5 CFR 1320.3(c) and includes agency requests or requirements that members of the public submit reports, keep records, or provide information to a third party. Section

3506(c)(2)(A) of the PRA (44 U.S.C. 3506(c)(2)(A)) requires federal agencies to provide a 60-day notice in the FEDERAL REGISTER concerning each proposed collection of information before submitting the collection to OMB for approval. Accordingly, the CPSC is publishing notice of the proposed collection of information set forth in this document.

A. Table Saw User Survey

The CPSC is considering whether a new performance safety standard is needed to address an unreasonable risk of injury associated with table saws. On October 11, 2011, the Commission published an advance notice of proposed rulemaking (ANPR) for table saws, under the Consumer Product Safety Act (CPSA), 15 U.S.C. 2051-2084. (76 FR 62678). The ANPR explained that under the current voluntary standard, UL 987, Stationary and Fixed Electric Tools, published in November 2007, a new modular blade guard design, developed by a joint venture of the leading table saw manufacturers, expanded the table saw guarding requirements. The new blade guard did not consist of a hood, but rather, a top-barrier guarding element and two side-barrier guarding elements. The new modular guard design was intended to be an improvement over traditional hood guard designs, by providing better visibility, by being easier to remove and install, and by incorporating a permanent riving knife design. The revised standard also specified detailed design and performance requirements for the modular blade guard, riving knife, and anti-kickback device(s). The effective date for the new requirements in UL 987 was January 31, 2010.

In the ANPR, the Commission expressed concern that the requirements in the voluntary standard for table saws, UL 987, which include a permanent riving knife and the new modular blade guard system, may not adequately address the operator blade contact injuries associated with table saw use. The Commission stated that:

While we support the recent progress UL has made in improving the voluntary standard to address blade contact injuries by focusing solely on prevention of skin-to-blade contact, the standard requirements do not appear to address adequately the number or severity of blade contact injuries that occur on table saws, nor do they address the associated societal costs. In addition, while we believe that the new modular guard design is a significant improvement over the old guard design, the effectiveness of any blade guard system depends upon an operator's willingness to use it. Safety equipment that hinders the ability to operate the product likely will result in consumers bypassing, avoiding, or discarding the safety equipment. In addition, of the 66,900 table saw operator blade contact injuries in 2007 and 2008, approximately 20,700 (30.9%) of the injuries occurred on table saws where the blade guard was in use. The current voluntary standard for table saws does not appear to address those types of injuries. Accordingly, we are particularly interested in obtaining information regarding current or developing voluntary standards that would address table saw blade contact injuries.

76 FR 62683. Currently, the CPSC does not know how consumers are using the new modular blade guard. Because the usage patterns are directly linked to the safety of the user, additional data are needed to understand how consumers use the modular blade guard to determine how effective the design will be in preventing future injuries. The data collected from this survey will be used to help CPSC staff understand better how consumers are using the modular blade guard system, such as when consumers install and remove the blade guard, what type of cuts are being made without the blade guard, and/or what may be preventing the use of the blade guard. With additional information, the Commission will be able to evaluate the role of modular blade guards in the proposed rule. The data, along with testing results, subject matter input analysis, and other study information, will be used by the Commission to develop the proposed rule addressing consumer injuries associated with table saws.

To gather the information, the CPSC will conduct a survey of consumers who own table saws with a modular blade guard system. Because the population of owners of table saws that were purchased with a modular blade guard is a specific and hard-to-reach population, the survey will be based on a convenience sample of participants recruited by various advertisement

strategies. No results from the survey will be generalized to the population. To recruit respondents, advertisements will be placed on popular websites, in woodworking magazines, and posted in woodworking guilds with their cooperation. Respondents will have the option to go through a screening process, either online, or via the telephone. Respondents meeting the criteria of the survey—owners of table saws with the modular blade guard system—will participate in the follow-up, full-scale Computer Assisted Telephone Interviewing (CATI) survey about their usage of, and opinions about, the modular blade guard system. After completion of the full-scale CATI survey, each respondent will be sent a \$50 check for completing the survey. CPSC staff anticipates that approximately 100 eligible respondents will be interviewed. Up to an additional 100 respondents may be interviewed, if additional funding becomes available.

A final report will summarize the data about modular blade use collected from the surveyed table saw owners. Any patterns that emerge can be considered in conjunction with other testing, subject matter expert analyses, and any other data gathered as part of the rulemaking process, to assess the potential effectiveness of the modular blade guard design and to inform rulemaking. Any patterns that emerge may also be used by CPSC staff to develop future studies.

B. Burden Hours

CPSC staff estimates that the recruitment stage time required to verify whether the respondent fits the study's target group of consumers will not exceed 10 minutes, and the actual survey will not exceed 25 minutes. Thus, total time per eligible respondent is estimated not to exceed 35 minutes. For the 100 anticipated eligible respondents, time required in connection with the survey would be estimated at approximately 58 hours (100 x 0.58 hours) in the aggregate. According to the Bureau of Labor Statistics, March 2013, <http://www.bls.gov/news.release/ecec.nr0.htm>, the average compensational hourly rate is \$28.89.

The total cost burden for this study is estimated at \$1,676. If an additional 100 respondents were interviewed, the total burden hours would be estimated at \$3,352.

The estimated cost to the federal government is \$182,159.87 for the costs of recruiting respondents and conducting the survey. In addition, one full-time CPSC employee will spend an estimated 600 hours of labor for an estimated cost of \$49,488, the equivalent of a GS-14 Step 5 employee with an additional 30.8 percent added for benefits for an hourly compensation rate of \$82.48. (U.S. Bureau of Labor Statistics, “Employer Costs for Employee Compensation,” December 2012, Table 1, percentage of wages and salaries for all civilian management, professional, and related employees, <http://www.bls.gov/ncs>). Accordingly, the total estimated cost to the federal government is \$231,647.87 (\$182,159.87 plus \$49,488). If an additional 100 respondents are surveyed, the additional estimated cost to the federal government is \$98,000 (\$31,000 for recruiting + \$67,000 for conducting survey), for a total estimated cost to the federal government of \$329,647.87.

C. Request for Comments

The CPSC invites comments on these topics:

- Whether the proposed collection of information is necessary for the proper performance of CPSC’s functions, including whether the information will have practical utility;
- The accuracy of CPSC’s estimate of the burden of the proposed collection of information, including the validity of the methodology and assumptions used;
- Ways to enhance the quality, utility, and clarity of the information to be collected; and
- Ways to minimize the burden of the collection of information on respondents, including through the use of automated collection techniques, when appropriate, and other forms of information technology.

Dated: _____.

Todd A. Stevenson, Secretary
Consumer Product Safety Commission

DRAFT

CPSC- Table Saw Study Frequently Asked Questions

1) What is the purpose of this study? / What is this study about?

This study, sponsored by the U.S Consumer Product Safety Commission, is about identifying table saw usage patterns and finding out more about user experiences with the new modular blade guard. The study findings will be used to help reduce table saw injuries.

2) What Federal Agency is supporting this work?

The U.S. Consumer Product Safety Commission is the sponsor of this study. The CPSC is charged with protecting the public from unreasonable risks of injury or death associated with the use of the thousands of consumer products under agency's jurisdiction.

3) What type of information will be collected?

The survey questions will be asking about your experiences with your table saw.

4) What are the procedures / phases of the study?

First, you will be asked a few screening questions to see if you are eligible to participate. If you meet the requirements, you will be contacted by EurekaFacts for the full survey.

5) How long does the telephone survey take?

The screening takes less than 10 minutes and the full survey takes 25 minutes.

6) When will you call me to do the survey?

Someone from EurekaFacts will call you, at your convenience, between [INSERT DATE] and [INSERT DATE]. You will have the opportunity to provide a convenient timeframe, if it is determined that you qualify for the study.

7) When will I receive the \$50?

You will receive a \$50 check upon completing the 25 minute, full survey. Allow 2-3 weeks for processing.

8) Who is Westat?

Westat is a research company in Rockville, MD, that is under contract to the U.S. Consumer Product Safety Commission to recruit table saw users for this study. For more information about Westat, you may visit <http://www.westat.com>.

9) Who is EurekaFacts?

EurekaFacts is a research firm that will be conducting the full survey for this study. For more information about EurekaFacts, you may visit <http://www.eurekafacts.com>.

10) Who should I contact if I have further questions about the study?

You may contact Christine Horak, Director of Research and Analytics at EurekaFacts. Her phone number is (301) 610-0590.

SCREENER FOR THE TABLE SAW STUDY

RESPONDENT NUMBER

DISCLOSURE: [The information that you provide is voluntary and will be kept private to the extent provided by law.]

I certify that the following answers are true and correct

WEB SIGNATURE

NAME PHONE

1. What is your age?

AGE

IF AGE 17 OR YOUNGER.....1 [END INTERVIEW]
AGES 18+.....2 [GO TO 2]

2. What is your gender?

MALE1 [GO TO 3]
FEMALE.....2 [GO TO 3]

3. Do you own a table saw?

YES.....1 [GO TO 4]
NO.....2 [END SURVEY]

4. When did you purchase your table saw?

[END SURVEY IF IT IS BEFORE 2009]
YEAR PURCHASED [IF IT IS AFTER 2009- GO TO Q5]

I did not purchase it (gift, barter).....YES [ASK THE YEAR RECEIVED.]

YEAR RECEIVED

[END SURVEY IF IT IS BEFORE 2009] [IF IT IS AFTER 2009- GO TO Q5]

5. Did you purchase/receive your table saw new or used?

NEW.....1 [GO TO Q6]
USED.....2 [GO TO Q6]

6. How old was your table saw when you purchased/received it?

It was brand new.....YES [GO TO Q7]
It was _____ years old. [IF THE PURCHASE YEAR AND THE
MANUFACTURER YEAR OF THE TABLE SAW COMBINATION IS LESS THAN
2009, END SURVEY] [Ex: Bought it in 2010, it was used and it was 4 years old= most
likely an 2006 model]

Don't Know..... [GO TO Q7]

7. How much did your table saw cost when you bought/received it?

_____ \$ _____ [GO TO Q8]
PRICE

I DID NOT PAY FOR IT (gift, barter).....YES [GO TO Q8]

8. Did your table saw come with a blade guard system?

YES1[GO TO Q9]
NO.....2 [END INTERVIEW]
DON'T KNOW.....3 [GO TO Q9]

9. Which of the following best describes the blade guard that came with your table saw?

The blade guard is a solid, hinged piece that moves up and down
over the blade (Please see picture 1).....1 [END SURVEY]
The blade guard has two hinged, side pieces that move up and down over the top and side of the
blade, and can lock in the upper position (Please see picture 2).....2[GO TO Q10]
None of these3 [END SURVEY]
I don't know.....4[END SURVEY]



Picture 1



Picture 2

10. Which of the following best describes where you most commonly use your table saw?

- At home for recreational purposes only.....1 [GO TO Q11]
- At work only2 [END SURVEY]
- At home for recreational purposes and for work..... 3 [GO TO Q11]
- Other places, specify (e.g. recreational woodworker club)4[END SURVEY]
- I don't use the table saw.....5 [END SURVEY]

11. When was the last time you used your table saw?

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MONTH	YEAR

[IF IT IS MORE THAN A YEAR AGO, END INTERVIEW]

12. What is the manufacturer name and the model number of that table saw?

a. MANUFACTURER NAME	
b. MODEL NUMBER	
c. SERIAL NUMBER	

13. How did you find out about this survey?[SELECT ALL THAT APPLY]

- Craigslist ad.....1
- From local woodworkers club.....2
- Print Media (Newsletter, magazine).....3
- Word of mouth.....4
- E-mail.....5
- Other [Specify].....6

14. Someone will call you from Eureka Facts between [INSERT DATE] and [INSERT DATE]. What is the best phone number, time and day to reach you? This will take about 25 minutes of your time or less and Eureka Facts will send you a \$50check after the interview is completed.

PHONE: _____

DATE: _____

TIME: _____

These are all the questions I have for you today, thank you for your time and have a great day.

DRAFT

Modular Blade Guard Use Survey

Interviewer: Do not read aloud the “Don’t know/Refused” option at any time during the interview. Only record this option if the respondent provides it him or herself. If the respondent indicates that they don’t know the answer to a question, mark the appropriate answer or fill in “DK” in the space provided.

I. Contact

(1) Hello. May I speak with _____?

Do not read the choices aloud. Mark the appropriate choice.

- Person is available → **Skip to Q3**
- Person is unavailable

(2) When is a good time to contact him/her? **Interviewer: Terminate interview until the recruited respondent is available. Do not substitute respondents.**

(3) Hello. I’m _____. I am with EurekaFacts, a research company located in Maryland. We are performing a study for the U.S. Consumer Product Safety Commission to learn more about table saw blade guard use. You indicated that you’d be willing to be part of this study by contacting Westat based on their outreach effort. The survey should take about 25 minutes to complete, and if you qualify and complete the survey will receive \$50 to thank them for their time. Are you still interested in participating in this survey?

- Agreed
- Refused → **Interviewer: Terminate interview. Inform the respondent that the \$50 incentive is not provided for incomplete interviews.**

II. Demographic Data Verification

(4) There is some information that we need to verify before we begin the survey. This will only take a few moments.

(5) We have your age recorded as _____. Is this correct?

Interviewer: Fill in the blank with the age provided by Westat. Do not read the choices. If age is not provided, then ask “What is your age?” and fill in the results in the “No” response and indicate the respondent’s age.

- a) Yes
- b) No, the correct age is _____.
- c) Refused

(6) Our records indicate that the manufacturer of your saw is _____. Is this correct?
Interviewer: Fill in the blank with the information provided from Westat.

IF this information is not available from the screener, ask: Who is the manufacturer of your table saw? (If the respondent does not have this information, and

cannot/will not obtain it while on the phone, enter “Don’t Know” and move to the next question.)

- a) Yes
- b) No → Who is the correct manufacturer? _____
- c) Don’t know/refuse

(7) Our records indicate that the model of your saw is _____. Is this correct?

Interviewer: Fill in the blank with the information provided from Westat.

IF this information is not available from the screener, ask: What is the model name or number of your table saw? **(If the respondent does not have this information, and cannot/will not obtain it while on the phone, enter “Don’t Know” and move to the next question.)**

- a) Yes
- b) No → What is the model of your table saw? _____
- c) Don’t know/refused

III. The Participant’s Table Saw

(8) To begin, I have a few questions about your table saw. Do you know if your saw is a portable bench saw, a contractor saw, an industrial saw also called a cabinet saw, or some other type of saw?

- a) Yes → Portable bench saw (Skip to Q10)
- b) Yes → Contractor saw (Skip to Q 10)
- c) Yes → Cabinet/Stationary/Industrial saw (Skip to Q 10)
- d) Other Type (Please specify) → _____ **Interviewer: Note and continue if R identifies “hybrid saw.” Terminate for any other mention (hand saw, circular saw, band saw, jigsaw, sabre saw, or hacksaws, etc).**
- e) Don’t Know → Go to Q 9

(9) **Interviewer: Please read the definitions provided below to identify the type of saw owned. Terminate interview if respondent does not own at least one of the three saws identified below or says he/she only owns a hand saw, circular saw, band saw, jigsaw, sabre saw, or hacksaws, etc.**

- A portable bench saw is a lightweight and compact table-top saw with an aluminum top and is easily moved around. This saw is typically set on a bench-top or other raised surface. Some models may include removable stands or foldable legs.
- A contractor saw is a medium-duty, semi-portable machine that ranges from 200 to 350 pounds. These saws usually feature a cast iron table top and have an open, attached stand or base that reaches to the floor.
- A stationary saw also called a cabinet saw is a heavy-duty saw that sits on the floor, has a large table top and has a closed cabinet stand that reaches to the floor. It is also sometimes referred to as an industrial table saw.

Interviewer: If respondent does not provide answer ask: Do any of these descriptions match the saw that you own? If so, which type of saw do you own?

- a) Portable bench saw
- b) Contractor saw
- c) Stationary/Cabinet saw (also known as an industrial table saw)
- d) **Other Type (Please specify) → _____ Interviewer: Note and continue if R identifies “hybrid saw.” Terminate for any other mention.**
- e) None of these → **Interviewer: Terminate interview. Inform the respondent that the \$50 incentive is not provided for incomplete interviews.**
- f) Don't know/Refused

(10) The blade guard of a table saw surrounds the portion of the blade protruding through the saw table top. The guard lifts out of the way when material is fed into the saw. Blade guards are commonly made of transparent plastic but sometimes of metal. A traditional blade guard has a single-piece hood resting over the saw blade. A modular blade guard system, also called a dual guard system, has two sections that operate independently on either side of the blade.

Did the table saw come with a modular blade guard system or a traditional blade guard system? **Interviewer: Verify that the respondent is considering only a modular blade guard system and not a traditional blade guard.**

- a) Modular/dual blade guard system
- b) Traditional blade guard system → **Verify that this is the accurate answer. Terminate interview if determined to be correct. They do not qualify for the study. They will not receive the \$50 incentive.**
- c) Did not come with a blade guard → **Verify that this is the accurate answer. Terminate interview if determined to be correct. They do not qualify for the study. They will not receive the \$50 incentive.**
- d) Don't know/refused

(11) In what year did you purchase the table saw?

- a) 2009
- b) 2010
- c) 2011
- d) 2012
- e) Other: _____
- f) Don't know/Refused _____

I did not purchase it (gift, barter).....YES → **Ask the year received.**

YEAR RECEIVED

If it is before 2009 → **Terminate interview. They do not qualify for the study. They will not receive the \$50 incentive.**

If it is in/after 2009 → **GO TO Q12**

(12) Was the table saw new or used when you purchased/received it?

- a) New, → **Skip to Q 14**

- b) Used → **Go to next (Q 13)**
- c) Don't know/Refused, →**Skip to Q 14**

(13) About how old was your saw when you purchased/received it?

- a) Less than 1 year
- b) 1 year
- c) 2-3 years
- d) 4-5 years
- e) Over 5 years
- f) Other: _____
- g) Don't know/refused

If the purchase year and the age of table saw combination is less than 2009, end survey. [Ex: Bought it in 2010, it was used and it was 4 years old= most likely a 2006 model.] → Terminate interview. They do not qualify for the study. They will not receive the \$50 incentive.

(14) **Interviewer:**

IF respondent purchased their saw NEW, read: "Approximately, how much did the table saw cost?" _____

IF respondent purchased their saw USED, read: "Approximately, how much did the table saw cost when it was new?" _____

Interviewer: If exact cost is unknown, try to get an estimate. Provide respondents with cost range categories.

- a) Under \$100
- b) \$100- \$199
- c) \$200- \$499
- d) \$500- \$999
- e) \$1,000 - \$5,000
- f) Over \$5,000
- g) Other: _____
- h) Don't know/Refused

IV. Table Saw Use

(15) When was the last time you used the saw? Was it ... **[Interviewer: Read categories, begin at the most recent and stop at first "yes." Do not read "Don't know."]**

- a) Within the last 30 days
- b) Within the last 6 months
- c) Within the last year
- d) Within the last two years
- e) Within the last three years
- f) Other _____
- g) Don't know/Refused

(16) How often do you use your table saw? Are you using it ... **[Interviewer read categories, begin at the most frequent and stop at first “yes.” Do not read “Don’t know.”]**

- a) Every day
- b) 2-3 times a week
- c) Every week
- d) 1 to 3 times per month
- e) Less than once a month, but more than twice a year
- f) 2 times per year or less
- g) Other: _____
- h) Don’t know/Refused

(17) About how much time do you spend during a typical session when using your table saw? Are you using it ... **[Interviewer read categories, begin at the shortest length of time and go up and stop at first “yes.” Do not read “Don’t know.”]**

- a) Less than 30 minutes
- b) 30 minutes to less than 1 hour
- c) 1 hour
- d) 1-2 hours
- e) 3-4 hours
- f) More than four hours
- g) Other: _____
- h) Don’t know/Refused

V. Blade Guard Use

(18) When you bought your table saw did it come with the blade guard pre-installed?
Do not read the choices aloud. Mark the appropriate choice.

- a) Yes, →**Skip to Q 21**
- b) No, it required installation →**Go to next (Q 19)**
- c) Don’t know, →**Skip to Q 21**

(19) After you purchased your table saw, when did you install the blade guard?

- a) I installed it before using it the first time, →**Skip to Q 21**
- b) I installed it but only after using it first
- c) It has not yet been installed
- d) Other _____, →**Skip to Q 21**
- e) Don’t know/Refused, →**Skip to Q 21**

(20) I’m going to read a list of reasons why someone might use a table saw without installing the blade guard. Please answer yes or no for any that apply to you (Select all that

apply) **INTERVIEWER: Read each option and wait for the respondent to answer yes or no. Do not read "Don't know."**

- a) They didn't have time / Needed to finish the project quickly
- b) They did not need it
- c) Because it would get in the way
- d) They tried, but it was too difficult
- e) The installation instructions were missing
- f) They could not understand the instructions
- g)
- h) The parts were missing, →If this was the only answer chosen, skip to Q 22
- i) Was there another reason? What was it? (Please specify) _____
- j) Don't know/Refused

(21) Which of the following best describes the current condition of your blade guard?

- a) It is in good condition, with no parts missing
- b) It is generally in good condition, but some parts are missing
- c) It is damaged but usable
- d) It is damaged and not usable,
- e) Something else?)_(Please specify) _____
- f) Don't know/Refused

(22) Do you know of any circumstances that require the blade guard to be removed?

- a. Yes, *Please describe* _____
- b. No

(23) Thinking of the times you have used your current table saw, for which of the following reasons was ever the blade guard removed or positioned out of the way? Because it... (allow multiple answers) **INTERVIEWER: Read each option and wait for the respondent to answer yes or no.**

		Yes	No	Don't know	
a.	Slows down cutting				
b.	Makes it harder to keep the table saw clear of saw dust				
c.	Makes cutting more difficult or awkward				
d.	Makes cutting less precise or lower in quality				
e.	Blocks my view of the wood while cutting				
f.	Blocks the lighting on the wood while cutting				
g.	Makes it harder to control the wood while cutting				

h.	It makes feeding the wood into the saw more difficult				
i.	Causes the wood to bind against the blade				
j.	It makes some types of cuts very difficult or impossible				→Go to Q 24 (next)
k.	Makes cleaning the table saw more difficult				
l.	Are there any other reasons why you removed the blade guard?				If yes, please elaborate: _____

Interviewer Note: Unless response is “j,” skip Q24 and go to Q25.

(24) You indicated that you remove the blade guard for certain types of cuts. For which of the following types of cuts do you remove the blade guard?

INTERVIEWER: Read each option and wait for the respondent to answer yes or no.

	Yes	No	Don't know
Cross cuts			
Rip cuts			
Miter cuts			
Bevel cuts			
Dado cuts			
Other (Please describe)			

(25) Thinking about all the times you have used your current table saw, how often did you operate the table saw with the blade guard removed or positioned out of the way of the cut?

Interviewer: Read all the choices except don't know, before obtaining the respondent's answer.

- a) Always
- b) Often
- c) Sometimes
- d) Rarely
- e) Never, →Skip to Q 29
- f) Don't know/Refused, →Skip to Q 29

(26) **Interviewer Note: If respondent has never removed the blade guard, do not ask:**

After you remove the blade guard, when do you typically re-install the blade guard?

- a) After finishing the task for which it was removed,

- b) The next time you use the saw,
- c) The next cut that can be done with the blade guard,
- d) Some other time → **Go to Q27**
- e) Never
- f) Don't know/Refused,

Interviewer: Unless otherwise noted, skip to Q 28.

(27) When is that, typically? _____ **Interviewer: Gain as much detail as possible. If needed, follow-up and ask:**

Please describe when you return the blade guard to use.

(28) When the table saw is not in use, where is your blade guard typically stored?

- a) On the saw, mounted over the saw blade.
- b) Near the saw, but not mounted on the saw (This includes anywhere in the workshop, but not mounted over the saw blade.)
- c) In some other location. Where? _____
- d) Don't know/Refused

(29) Do you think the use of the modular blade guard improves, does not affect, or reduces each of the following:

	Improves	Does not affect	Reduces	Don't know
The quality of work when cutting with the table saw	1	2	3	4
The ease of cleaning the table saw	1	2	3	4
The speed of work done with the table saw	1	2	3	4
The ability to see the wood while cutting	1	2	3	4

(30) The riving knife (sometimes called the “splitter”) is located on the rear side of the blade. Do you generally keep the riving knife in the high, middle, or stored position?

- a) High
- b) Middle
- c) Stored
- d) Don't know/Refused

(31) Thinking about all the times you have used your current table saw have you experienced kickback?

- a) Yes
- b) No → **Skip to Q 33**

c) Don't know/Refused → **Skip to Q 33**

(32) About how many times have you experienced kickback when using your current table saw? _____

VI. Table Saw Experience

(33) Which of the following best describes your level of expertise using table saws: casual user, hobbyist, regular user, semiprofessional, or professional?

- a) Casual user / Hobbyist
- b) Semiprofessional
- c) Professional
- d) Don't know/Refused

(34) On a scale from 1 to 7, where 1 is the lowest skill level and 7 is the highest, how would you assess your table saw skills level?

1 2 3 4 5 6 7

(35) How many years have you been using table saws?

(36) Have you ever used a traditional blade guard with a table saw?

Interviewer: If needed, remind the respondent the difference between a traditional blade guard system and the modular blade guard system. A traditional blade guard has a single-piece hood resting over the saw blade. A modular blade guard system, also called dual guard system, has two sections that operate independently on either side of the blade.

- a) Yes → **Go to Q37**
- b) No → **Skip to Q39**
- c) Don't know/Refused → **Skip to Q39**

(37) Please compare your use of the modular blade guards to your use of traditional blade guards. Have you used the modular blade guard more or less frequently, or about the same as the traditional blade guards?

- a) More frequently
- b) Less frequently
- c) About the same
- d) Don't know/Refused

(38) Assuming identical saws, do you prefer a table saw with a modular blade guard or a traditional hood blade guard, or no blade guard when using a table saw?

- a) Modular blade guard

- b) Traditional blade guard
- c) No blade guard
- d) Don't know/Refused

(39) Is there anything else you would like to add about your experience with modular blade guards?

VII. Safety attitudes

(40) Based on your own personal experience, how dangerous do you consider working with a table saw to be?

- a) Not at all dangerous
- b) Slightly dangerous
- c) Moderately dangerous
- d) Very dangerous
- e) Don't know/Refused

(41) In your opinion, to what extent does using the modular blade guard prevent hazards associated with working with a table saw?

- a) Not at all
- b) A small extent
- c) A moderate extent
- d) A large extent
- e) Don't know/Refused

(42) In your opinion, to what extent does the use of safe practices (for example, push sticks, feather-boards, hold-downs) prevent hazards associated with working with a table saw?

- a) Not at all
- b) A small extent
- c) A moderate extent
- d) A large extent
- e) Don't know/Refused

(43) In your opinion, to what extent do you think that expertise using a table saw improves the safety of work with it?

- a) Not at all
- b) A small extent
- c) A moderate extent
- d) A large extent
- e) Don't know/Refused

VIII. Incentive Verification

Thank you for your time. Your answers will help identify modular blade guard use patterns and will be used to help to reduce injuries on table saws.

As appreciation for your time, we would like to send you a check for \$50. Could you please provide your full name and mailing address?

Interviewer: Fill in the blank with the respondent's name and address, and verify it. If needed, assure the respondent of the confidentiality of the information provided.

You will receive your participation check in the mail in the next few weeks.

Interview Termination script:

Thank you for your interest in our survey. Unfortunately, you are not qualified for this study. Thank you for your time.

Interviewer: Read only if R asks: Since you did not complete the survey you are not eligible for the \$50 incentive.