

**Generic Information Clearance for CDC/ATSDR**

**Formative Research and Tool Development**

**Assessment of task-based exposures that may affect reproductive health in nail salon employees**

Supporting Statement B

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## **B. Collections of Information Employing Statistical Methods**

### **1. Respondent Universe and Sampling Methods**

The respondent universe will be nail technicians who work full-time in salons in the United States. 24-36 nail technicians will be recruited for an exposure assessment study via 1) contacting salon owners through online searches and related resources and 2) collaboration with community-based organizations and healthy nail salon collaboratives focusing on the health of nail technicians. This study will aim to recruit 8-12 participants per year for three years. Only those nail technicians who participate in the exposure assessment aspect of the study will be eligible to take the questionnaire and complete the feedback form.

### **2. Procedures for the Collection of Information**

For the questionnaire, respondents will be asked to access and respond electronically via REDCap. The questionnaire will be self-administered, but research team members will assist respondents in using REDCap and comprehension of questions where necessary. The informed consent documents for the exposure assessment study include a paragraph explaining the purpose of the survey, who is conducting the survey, how participants' responses will be shared, and a contact person for more information. Participants will be asked to complete a set of multiple-choice questions. The information collected via the questionnaire will not include any personal identifiers such as name, company, or contact information. Following completion of the questionnaire, NIOSH researchers will verbally collect feedback on the questionnaire in a three-question form. Researchers will write down participants' answers on a paper form and will not record any PII or sensitive information on the form.

### **3. Methods to Maximize Response Rates and Deal with No Response**

No incentives will be provided to respondents for completion of the survey. Individuals will be invited to complete the survey while NIOSH researchers are on site to conduct the related exposure assessment, which is likely to encourage response to the survey. NIOSH researchers will also assist respondents during the questionnaire. This will help identify questions that may need to be rephrased for better comprehension and will likely increase the overall response rate. Participation in the survey is voluntary and not required to participate in the exposure assessment component of the study.

### **4. Test of Procedures or Methods to Be Undertaken**

Data will be analyzed using descriptive or inferential statistics and by summarizing qualitative data. Field testing of this newly developed instrument and collecting participant feedback will allow for the refinement and optimization of study enrollment, materials, instructions, and participant experience to reduce the burden of future data collections.

## 5. Individuals Consulted on Statistical Aspects and Individuals Collecting and/or Analyzing Data

The following CDC/NIOSH employees will be involved in data collection, analysis, and statistical aspects:

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