

**SUPPORTING STATEMENT FOR THE
INFORMATION COLLECTION REQUIREMENTS OF THE
STANDARD ON SERVICING MULTI-PIECE AND SINGLE PIECE
RIM WHEELS (29 CFR 1910.177)¹
OFFICE OF MANAGEMENT AND BUDGET (OMB)
CONTROL NO. 1218-0219 (June 2021)**

This ICR is requesting the extension of a currently approved data collection.

A. JUSTIFICATION

1. Explain the circumstances that make the collection of information necessary. Identify any legal or administrative requirements that necessitate the collection. Attach a copy of the appropriate section of each statute and regulation mandating or authorizing the collection of information.

The main objective of the Occupational Safety and Health Act of 1970 (i.e., “the Act”) is to “assure so far as possible every working man and woman in the Nation safe and healthful working conditions and to preserve our human resources” (29 U.S.C. 651). To achieve this objective, the Act authorizes “the development and promulgation of occupational safety and health standards” (29 U.S.C. 651).

With regard to recordkeeping, the Act specifies that “[e]ach employer shall make, keep and preserve, and make available to the Secretary . . . such records . . . as the Secretary . . . may prescribe by regulation as necessary or appropriate for the enforcement of this Act . . .” (29 U.S.C. 657). The Act states further that “[t]he Secretary . . . shall prescribe such rules and regulations as [he/she] may deem necessary to carry out [his/her] responsibilities under this Act, including rules and regulations dealing with the inspection of an employer’s establishment” (29 U.S.C. 657).

Under the authority granted by the Act, the Occupational Safety and Health Administration (i.e. “OSHA” or “the Agency”) published at 29 CFR 1910.177 a safety standard for general industry regulating restraining devices for servicing multi-piece and single piece rim wheels (i.e., “the Standard”). The paperwork provisions of the Standard include a requirement that the manufacturer or a Registered Professional Engineer certify that repaired restraining devices and barriers meet the strength requirements specified in the Standard and a requirement that defective wheels and wheel components be marked or tagged. Items 2 and 12 below describe the specific information collection requirements of the Standard.

¹The purpose of this Supporting Statement is to analyze and describe the burden hours and costs associated with a provision of this Standard that contains a paperwork requirement; this Supporting Statement does not provide information or guidance on how to comply with, or how to enforce, the provision.

2. Indicate how, by whom, and for what purpose the information is to be used. Except for a new collection, indicate the actual use the agency has made of the information received from the current collection.

The Standard specifies two paperwork requirements. The following sections describe who uses the information collected under the requirements, as well as how they use it. The purpose of the requirements is to reduce workers' risk of death or serious injury by ensuring that restraining devices used by them during the servicing of multi-piece rim wheels are in safe operating condition.

Certification of repair (1910.177(d)(3)(iv)). This paragraph requires that when restraining devices and barriers are removed from service because they are defective, they shall not be returned to service until they are repaired and re-inspected. If the repair is structural, the manufacturer or a Registered Professional Engineer must certify that the strength requirements specified in (d)(3)(i) of the Standard have been met.

The certification records are used to assure that equipment has been properly repaired.

Marking or tagging of wheel components (1910.177(e)(2)). This paragraph requires that defective wheels and wheel components "be marked or tagged unserviceable and removed from the service area." Under this requirement, OSHA is providing employers with sufficient information from which they can derive the wording to use in marking the object or constructing a tag. Therefore, this provision imposes no paperwork burden because it falls within the portion of 5 CFR 1320(c)(2) that states, "The public disclosure of information originally supplied by the Federal government to the recipient for the purpose of disclosure to the public is not included within this definition of "collection of information."

3. Describe whether, and to what extent, the collection of information involves the use of automated, electronic, mechanical, or other technological collection techniques or other forms of information technology, e.g., permitting electronic submission of responses, and the basis for the decision for adopting this means of collection. Also, describe any consideration of using information technology to reduce burden.

Employers may use automated, electronic, mechanical, or other technological information collection techniques, or other forms of information technology (e.g., electronic submission of responses) when establishing and maintaining the required records. The Agency wrote the paperwork requirements of the Standard in performance-oriented language (i.e., in terms of what data to collect, not how to record the data).

4. Describe efforts to identify duplication. Show specifically why any similar information already available cannot be used or modified for use for the purposes described in Item A.2 above.

The requirements to collect and maintain information are specific to each employer and worker involved, and no other source or agency duplicates these requirements or can make the required information available to OSHA (i.e., the required information is available only from employers).

5. If the collection of information impacts small businesses or other small entities, describe any methods used to minimize burden.

The information collection requirements specified by the Standard do not have a significant impact on a substantial number of small entities.

6. Describe the consequence to federal program or policy activities if the collection is not conducted or is conducted less frequently, as well as any technical or legal obstacles to reducing burden.

The Agency believes that the information collection frequencies required by the Standard are the minimum frequencies necessary to effectively regulate restraining devices and barriers, and, thereby, fulfill its mandate “to assure so far as possible every working man and woman in the nation safe and healthful working conditions and to preserve our human resources” as specified in the Act at 29 U.S.C. 651. Accordingly, if employers do not perform the required information collection, or delay in providing this information, workers may inadvertently repair multi-piece and single piece rim wheels using unsafe restraining devices and barriers, thus increasing their risk of death and serious injury.

7. Explain any special circumstances that would cause an information collection to be conducted in a manner:

- **requiring respondents to report information to the agency more often than quarterly;**
- **requiring respondents to prepare a written response to a collection of information in fewer than 30 days after receipt of it;**
- **requiring respondents to submit more than an original and two copies of any document;**
- **requiring respondents to retain records, other than health, medical, government contract, grant-in-aid, or tax records for more than three years;**
- **in connection with a statistical survey, that is not designed to produce valid and reliable results that can be generalized to the universe of study;**
- **requiring the use of statistical data classification that has not been reviewed and approved by OMB;**

- **that includes a pledge of confidentiality that is not supported by authority established in statute or regulation, that is not supported by disclosure and data security policies that are consistent with the pledge, or which unnecessarily impedes sharing of data with other agencies for compatible confidential use; or**
- **requiring respondents to submit proprietary trade secret, or other confidential information unless the agency can demonstrate that it has instituted procedures to protect the information's confidentiality to the extent permitted by law.**

No special circumstances exist that require employers to collect information using the procedures specified by this item. The requirements are within the guidelines set forth in 5 CFR 1320.5.

8. If applicable, provide a copy and identify the date and page number of publication in the *Federal Register* of the agency's notice, required by 5 CFR 1320.8(d), soliciting comments on the information collection prior to submission to OMB. Summarize public comments received in response to that notice and describe actions taken by the agency in response to these comments. Specifically address comments received on cost and hour burden.

Describe efforts to consult with persons outside the agency to obtain their views on the availability of data, frequency of collection, the clarity of instructions and recordkeeping, disclosure, or reporting format (if any), and on the data elements to be recorded, disclosed, or reported.

Consultation with representatives of those from whom information is to be obtained or those who must compile records should occur at least once every 3 years -- even if the collection-of-information activity is the same as in prior periods. There may be circumstances that may preclude consultation in a specific situation. These circumstances should be explained.

As required by the Paperwork Reduction Act of 1995 (PRA) (44 U.S.C. 3506(c)(2)(A)), OSHA published a notice in the Federal Register on April 2, 2021 (86 FR 17410) soliciting public comment on its proposal to extend the information collection requirements specified by the Standard on Servicing Multi-Piece and Single Piece Rim Wheels (29 CFR 1910.177). This notice was part of a preclearance consultation program that provided the general public and government agencies with an opportunity to comment. The Agency did not receive any comments in response to this notice.

9. Explain any decision to provide any payments or gifts to respondents, other than remuneration of contractors or grantees.

The Agency will not provide payments or gifts to the respondents.

10. Describe any assurance of confidentiality provided to respondents and the basis for the assurance in statute, regulation, or agency policy.

The paperwork requirements specified by the Standard do not involve confidential information.

11. Provide additional justification for any questions of a sensitive nature, such as sexual behavior and attitudes, religious beliefs, and other matters that are commonly considered private. This justification should include the reasons why the agency considers the questions necessary, the specific uses to be made of the information, the explanation to be given to persons from whom the information is requested, and any steps to be taken to obtain their consent.

None of the provisions in the Standard require sensitive information.

12. Provide estimates of the hour burden of the collection of information. The statement should:

- **Indicate the number of respondents, frequency of response, annual hour burden, and an explanation of how the burden was estimated. Unless directed to do so, agencies should not conduct special surveys to obtain information on which to base hour burden estimates. Consultation with a sample (fewer than 10) of potential respondents is desirable. If the hour burden on respondents is expected to vary widely because of differences in activity, size, or complexity, show the range of estimated hour burden, and explain the reasons for the variance. Generally, estimates should not include burden hours for customary and usual business practices.**
- **If this request for approval covers more than one form, provide separate hour burden estimates for each form.**
- **Provide estimates of annualized cost to respondents for the hour burdens for collections of information, identifying and using appropriate wage rate categories. The cost of contracting out or paying outside parties for information collection activities should not be included here. Instead, this cost should be included in Item 13.**

Respondent Burden Hour and Cost Burden Determinations

OSHA estimates that approximately 85 servicing accidents occur annually while inflating large tires that damage restraining devices and barriers. Agency staff previously contacted the Tire Industry Association (TIA) in February 2021 in an effort to update this data. The TIA stated that while the Agency's estimate was probably low, they were unaware of any other organization that might track damage to restraining devices and, thus, could not provide OSHA with updated information. OSHA was unable to obtain any data to update the 85 servicing accidents. Given

the low number of estimated accidents, minimal paperwork burden, and lack of comments received during previous ICR updates, the Agency will continue to use its estimate of 85 accidents.

The Agency determined the wage rate from mean hourly wage earnings to represent the cost of employee time. For the relevant standard occupational classification category, OSHA used the wage rates reported in the Bureau of Labor Statistics, U.S. Department of Labor, *Occupational Employment and Wage Statistics (OEWS), May 2020* [date accessed: May 25, 2021]. (OEWS data is available at <https://www.bls.gov/oes/tables.htm>. To access a wage rate, select the year, “Occupation Profiles,” and the Standard Occupational Classification (SOC) code.)

To derive at the loaded hourly wage rate presented in the table below, the Agency used data from the BLS OEWS, as described in the paragraph above. Then, the Agency applied to the wage rate a fringe benefit markup based on Table 1 of the following BLS release: *Employer Costs for Compensation* news release text released 10:00 AM (EDT), (https://www.bls.gov/news.release/archives/ecec_03182021.pdf). BLS reported that for civilian workers, fringe benefits accounted for 31.3 percent of total compensation and wages accounted for the remaining 68.7 percent. To calculate the loaded hourly wage for each occupation, the Agency divided the mean hourly wage rate by 1 minus the fringe benefits.

TABLE 1--WAGE HOUR ESTIMATES				
Occupational Title	Standard Occupational Code (SOC)	Mean Hourly Wage Rate (A)	Fringe Benefits (B)	Loaded Hourly Wage Rate (C) = (A)/((1-(B)))
First Line Supervisors of Production and Operating Workers.	51-1011	\$32.12	.313	\$46.75

Repair Certification Records (paragraph (d)(3)(iv))

OSHA estimates that approximately 85 servicing accidents occur each year during the inflation of large tires that damage restraining devices and barriers. Based on information supplied to OSHA from a representative of the TIA, few, if any, devices and barriers are repaired. The TIA does not endorse repairing restraining devices and barriers, and takes the position that a damaged cage should be replaced. In addition, Agency staff spoke with a representative of a manufacturer of restraining devices. The representative stated that they do not repair restraining devices. The Agency believes that the cost in time and money of repairing a restraining device or barrier is almost equal to replacing the equipment. However, for purposes of this Supporting Statement, OSHA assumes that approximately 10 percent (9) of the damaged devices and barriers are repaired; all of the repairs are assumed to involve structural-component replacement or re-

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welding. Once the restraining device or barrier has been repaired, the manufacturer or a Registered Professional Engineer must certify the repair.

OSHA believes no burden is associated with a manufacturer or Registered Professional Engineer certificate of repair. The manufacturer or Registered Professional Engineer, as a normal and customary practice, for liability purposes, provides the necessary certification of the repair indicating the capacity of the restraining device or barrier. However, burden occurs for an employer to maintain the certificate. OSHA estimates it will take a supervisory manufacturing worker about one minute (1/60 hour) to maintain the record. As noted in the previous paragraph, OSHA assumes that employers repair 9 damaged restraining devices and barriers each year.

Burden hours: 9 repairs × 1/60 hour = 1 hour (rounded)

Cost: 1 hour × \$46.75 = \$46.75

Estimated Annualized Respondent Hour and Cost Burden Table

Information Collection Requirement (Across Top of Rows)	Type of Respondent	Number of Respondents	Number of Responses per Respondent	Total Number of Responses	Average Burden per Response (In Hrs.)	Total Burden Hours	Avg. Hourly Wage Rate*	Total Burden Costs
Servicing Accidents	Supervisory Manufacturing Worker	85	.105	9	1/60	1	\$46.75	\$46.75

13. Provide an estimate of the total annual cost burden to respondents or recordkeepers resulting from the collection of information. (Do not include the cost of any hour burden shown in Items 12 and 14).

- **The cost estimate should be split into two components: (a) a total capital and start up cost component (annualized over its expected useful life); and (b) a total operation and maintenance and purchase of service component. The estimates should take into account costs associated with generating, maintaining, and disclosing or providing the information. Include descriptions of methods used to estimate major cost factors including system and technology acquisition, expected useful life of capital equipment, the discount rate(s), and the time period over which costs will be incurred. Capital and start-up costs include, among other items, preparations for collecting information such as purchasing computers and software; monitoring, sampling, drilling and testing equipment; and record storage facilities.**
- **If cost estimates are expected to vary widely, agencies should present ranges of cost burdens and explain the reasons for the variance. The cost of purchasing or contracting out information collection services should be a part of this cost burden estimate. In developing cost burden estimates, agencies may consult with a sample of respondents (fewer than 10), utilize the 60-day pre-OMB submission public comment process and use existing economic or regulatory impact analysis associated with the rulemaking containing the information collection, as appropriate.**
- **Generally, estimates should not include purchases of equipment or services, or portions thereof, made: (1) prior to October 1, 1995, (2) to achieve regulatory compliance with requirements not associated with the information collection, (3) for reasons other than to provide information or keep records for the government, or (4) as part of customary and usual business or private practices.**

There are no additional costs to the respondents other than their time.

14. Provide estimates of the annualized cost to the Federal Government. Also, provide a description of the method used to estimate cost, which should include quantification of hours, operational expenses (such as equipment, overhead, printing, and support staff), any other expense that would not have been incurred without this collection of information. Agencies also may aggregate cost estimates from Items 12, 13, and 14 into a single table.

There are no costs to the Federal Government.

15. Explain the reasons for any program changes or adjustments.

There is are no adjustments or program changes associated with this information collection request.

16. For collections of information whose results will be published, outline plans for tabulation and publication. Address any complex analytical techniques that will be used. Provide the time schedule for the entire project, including beginning and ending dates of the collection information, completion of report, publication dates, and other actions.

OSHA will not publish the information collected under the Standard.

17. If seeking approval to not display the expiration date for OMB approval of the information collection, explain the reasons that display would be appropriate.

OSHA lists current valid control numbers in §§1910.8, 1915.8, 1917.4, 1918.4, and 1926.5 and publishes the expiration date in the Federal Register notice announcing OMB approval of the information collection requirement (see 5 CFR 1320.3(f)(3)). OSHA believes that this is the most appropriate and accurate mechanism to inform interested parties of these expiration dates.

18. Explain each exception to the certification statement.

OSHA is not seeking an exception to the certification statement.

B. COLLECTION OF INFORMATION EMPLOYING STATISTICAL METHODS

The collection does not contain any collection of information requirements that employ statistical methods.