



DEPARTMENT OF COMMERCE

National Institute of Standards and Technology

Information Collection Activities; Submission to the Office of Management and Budget (OMB) for Review and Approval; Comment Request; Analysis of Exoskeleton-Use for Enhancing Human Performance Data Collection

The Department of Commerce will submit the following information collection request to the Office of Management and Budget (OMB) for review and clearance in accordance with the Paperwork Reduction Act of 1995, on or after the date of publication of this notice. We invite the general public and other Federal agencies to comment on proposed, and continuing information collections, which helps us assess the impact of our information collection requirements and minimize the public's reporting burden. Public comments were previously requested via the Federal Register on September 24, 2024 during a 60-day comment period. This notice allows for an additional 30 days for public comments.

Agency: National Institute of Standards and Technology (NIST), Commerce.

Title: Analysis of Exoskeleton-Use for Enhancing Human Performance Data Collection.

OMB Control Number 0693-0083.

Form Number(s): None.

Type of Request: Regular, extension of current information collection.

Number of Respondents: 240.

Average Hours Per Response: 10 minutes.

Burden Hours: 40 hours.

Needs and Uses: NIST's Engineering Laboratory is developing methods to evaluate performance of exoskeletons in two key areas 1) The fit and motion of the exoskeleton device with respect to the users' body and 2) The impact that using an exoskeleton has on the performance of users executing tasks that are representative of activities in industrial

settings. The results of these experiments will inform future test method development at NIST, other organizations, and under the purview of the new American Society for Testing Materials (ASTM) Committee F48 on Exoskeletons and Exosuits.

Affected Public: Households and individuals.

Frequency: On occasion.

Respondent's Obligation: Voluntary.

This information collection request may be viewed at www.reginfo.gov. Follow the instructions to view the Department of Commerce collections currently under review by OMB.

Written comments and recommendations for the proposed information collection should be submitted within 30 days of the publication of this notice on the following website www.reginfo.gov/public/do/PRAMain. Find this particular information collection by selecting "Currently under 30-day Review - Open for Public Comments" or by using the search function and entering either the title of the collection or the OMB Control Number 0693-0083.

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