



DEPARTMENT OF HEALTH AND HUMAN SERVICES

Centers for Disease Control and Prevention

[30Day-24-23HM]

Agency Forms Undergoing Paperwork Reduction Act Review

In accordance with the Paperwork Reduction Act of 1995, the Centers for Disease Control and Prevention (CDC) has submitted the information collection request titled “Assessing Fatigue and Fatigue Management in U.S. Onshore Oil and Gas Extraction” to the Office of Management and Budget (OMB) for review and approval. CDC previously published a “Proposed Data Collection Submitted for Public Comment and Recommendations” notice on August 21, 2023 to obtain comments from the public and affected agencies. CDC did not receive comments related to the previous notice. This notice serves to allow an additional 30 days for public and affected agency comments.

CDC will accept all comments for this proposed information collection project. The Office of Management and Budget is particularly interested in comments that:

- (a) Evaluate whether the proposed collection of information is necessary for the proper performance of the functions of the agency, including whether the information will have practical utility;
- (b) Evaluate the accuracy of the agencies estimate of the burden of the proposed collection of information, including the validity of the methodology and assumptions used;
- (c) Enhance the quality, utility, and clarity of the information to be collected;
- (d) Minimize the burden of the collection of information on those who are to respond, including, through the use of appropriate automated, electronic, mechanical, or other technological collection techniques or other forms of information technology, e.g., permitting electronic submission of responses; and

(e) Assess information collection costs.

To request additional information on the proposed project or to obtain a copy of the information collection plan and instruments, call (404) 639-7570. Comments and recommendations for the proposed information collection should be sent within 30 days of publication of this notice to 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. Direct written comments and/or suggestions regarding the items contained in this notice to the Attention: CDC Desk Officer, Office of Management and Budget, 725 17th Street, NW, Washington, DC 20503 or by fax to (202) 395-5806. Provide written comments within 30 days of notice publication.

Proposed Project

Assessing Fatigue and Fatigue Management in U.S. Onshore Oil and Gas Extraction – New – National Institute for Occupational Safety and Health (NIOSH), Centers for Disease Control and Prevention (CDC).

Background and Brief Description

Oil and gas extraction (OGE) workers play an important role in supporting the United States economy and help fulfill the energy needs of Americans and American businesses. OGE workers have significant risks for a variety of exposures at oil and gas well sites. There has been no significant fatigue research in the United States onshore upstream OGE sector. This proposed project will characterize relationships between sleep, alertness, fatigue, fatigue management, and related factors, within the onshore OGE industry.

Primary data will be collected using three approaches. First, researchers will collect direct measurements of sleep and alertness among OGE workers. Second, researchers will use

questionnaires to collect information on OGE worker demographics, occupation, general health, normal working hours, commute times, physical sleeping environment, and typical sleep quality. Third, researchers will collect qualitative information through interviews with workers, front-line supervisors, health and safety leaders, as well as subject matter experts, to understand challenges and opportunities related to fatigue management in OGE. Actigraphy watches will collect data passively and will not require participant effort except for training and fitting of the watch.

Data collected will be used to guide the development of targeted interventions, training, and educational materials. CDC requests OMB approval for an estimated 404 annual burden hours. There is no cost to respondents other than their time to participate.

Estimated Annualized Burden Hours

Type of Respondents	Form Name	Number of Respondents	Number of Responses per Respondent	Average Burden per Response (in hours)
Land-based OGE workers	Baseline Questionnaire	80	1	15/60
Land-based OGE workers	Daily Pre-Shift Questionnaires	80	14	3/60
Land-based OGE workers	Daily Post-Shift Questionnaires	80	14	3/60
Land-based OGE workers	Psychomotor Vigilance Test (PVT)-no form	80	28	5/60
Land-based OGE workers	Actigraphy	80	1	15/60
Land-based OGE workers	Worker Interview Guide	30	1	1.5
Field-level Supervisors	Manager Interview Guide	10	1	1
Health and Safety Leaders	HSE Interview Guide	7	1	1
Subject Matter Experts	SME Interview Guide	3	1	1

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