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Supporting Statement for Paperwork Reduction Act Submissions

OMB Control Number: 1219-0083

Title: Daily Inspection of Surface Coal Mine; Certified Person; Reports of Inspection (pertains to surface coal mines)

Form Number(s): None

Authority: Title 30 of the Code of Federal Regulations (30 CFR 77.1713)_

General Instructions

A Supporting Statement, including the text of the notice to the public required by 5 CFR 1320.5(a)(i)(iv) and its actual or estimated date of publication in the Federal Register, must accompany each request for approval of a collection of information. The Supporting Statement must be prepared in the format described below, and must contain the information specified in Section A below. If an item is not applicable, provide a brief explanation. When the question "Does this ICR contain surveys, censuses or employ statistical methods" is checked "Yes", Section B of the Supporting Statement must be completed. OMB reserves the right to require the submission of additional information with respect to any request for approval.

Specific Instructions

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

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authorizing the collection of information.

Section 103(h) of the Federal Mine Safety and Health Act of 1977 (Mine Act), 30 U.S.C. 813(h), authorizes the Mine Safety and Health Administration (MSHA) to collect information necessary to carry out its duty in protecting the safety and health of miners. Further, Section 101(a) of the Mine Act, 30 U.S.C. 811 authorizes the Secretary to develop, promulgate, and revise as may be appropriate, improved mandatory health or safety standards for the protection of life and prevention of injuries in coal and metal and nonmetal mines.

Section 77.1713, Title 30 of the Code of Federal Regulations (30 CFR 77.1713) requires coal mine operators to conduct examinations of each active working area of surface mines, active surface installations at these mines, facilities and preparation plants not associated with underground coal mines for hazardous conditions during each shift. A report of hazardous conditions detected must be entered into a record book along with a description of any corrective actions taken.

A number of potential hazards can exist at surface coal mines and facilities. Highwalls, mining equipment, travelways, and the handling of mining materials each present potentially hazardous conditions. Prior to the promulgation of 30 CFR 77.1713 in 1971, numerous miners had either lost their lives or received injuries of varying degrees of seriousness at areas affected by the subject standard. The majority of the injuries and fatalities resulted from hazardous conditions not detected and corrected. By conducting an on-shift examination for hazardous conditions, mine operators better-ensure a safe working environment for the miners and a reduction in accidents.

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 records are used by MSHA inspectors to determine compliance with the standard, and that any hazards found have either been corrected or barricaded. Mine operators use these records to identify areas of the mine or equipment that present hazards to miners and, therefore, must be corrected to prevent miner injuries or death. Repeated hazardous conditions in any area or involving a particular piece of equipment would indicate to the operator the need for modification of operating procedures or replacement or repair of equipment.

3. Describe whether, and to what extent, the collection of information involves the use of automated, electronic, mechanical, or other technological collection

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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.

No information technology has been identified that would reduce the burden.

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 2 above.

Each mine operator must conduct examinations and keep records of the results at individual mines. There are no similar or duplicate records that could be used. Where State agencies require similar examinations and records, those mine operators may use such records to satisfy this MSHA standard.

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

This information does not have a significant impact on small businesses or other 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.

30 CFR 77.1713(a) requires that examinations for hazardous conditions be conducted at least once during each shift. Less frequent examinations could result in unsafe conditions going undetected and possibly resulting in an accident. The records collected under this standard help MSHA to ensure a safe working environment for miners.

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

- a. **requiring respondents to report information to the agency more often than quarterly;**
- b. **requiring respondents to prepare a written response to a collection of information in fewer than 30 days after receipt of it;**

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- c. **requiring respondents to submit more than an original and two copies of any document;**
- d. **requiring respondents to retain records, other than health, medical, government contract, grant-in-aid, or tax records for more than three years;**
- e. **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;**
- f. **requiring the use of a statistical data classification that has not been reviewed and approved by OMB;**
- g. **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**
- h. **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.**

The special circumstances contained in item 7 of the supporting statement are not applicable to this information collection.

8. If applicable, provide a copy and identify the data 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

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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.

MSHA published a 60-day Federal Register notice on September 23, 2015, (80 FR 57397). MSHA received no comments.

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

MSHA does not provide payments or gifts to respondents.

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

There is no assurance of confidentiality provided to respondents. Records are maintained by the mine operator.

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.

There are no questions of a sensitive nature.

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

- a. **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.**

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- b. If this request for approval covers more than one form, provide separate hour burden estimates for each form and aggregate the hour burdens.**
- c. 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 under Item 14.**

Operators of surface coal mines are required to conduct examinations of active work areas for hazardous conditions during each shift. Records of the nature and location of any hazardous conditions found and the actions taken to abate the hazardous conditions are required to be kept.

MSHA estimates that approximately 1100 surface coal mines and surface facilities are affected by the requirements to make the examinations under Section 77.1713 and to have examination reports signed or countersigned under Section 77.1713(d). MSHA estimates that each operation works an average of 1.42 shifts per day, 220 days per year, for a total of 312 examinations at each mine per year. It is further estimated that it will take a mine supervisor (earning approximately \$ 82.21 per hour, based on U.S. Coal Mine Salaries, Wages, & Benefits - 2012 Survey Results¹, updated according to the BLS Employment Cost Index², about 1 hour to conduct the examination and approximately 30 minutes (0.5 hour) to make the record.

Examination Time:

$$1100 \text{ mines} \times 312 \text{ examinations} \times 1 \text{ hour} = 343,200 \text{ hours}$$

Recordkeeping:

$$1100 \text{ mines} \times 312 \text{ records} \times 0.5 \text{ hour} = \underline{171,600 \text{ hours}}$$

1
U.S. Coal Mines Salaries, Wages, and Benefits - 2012 Survey Results, compiled by Krista Noyes Salzer, InfoMine USA, Inc., 2012.

2
Pay Rates updated from 2012 to 2014 using percent change of 3.8% derived from the BLS Employment Cost Index CIU2010000405000I, Total compensation for Private industry workers in Construction, extraction, farming, fishing, and forestry occupations, Index <http://data.bls.gov/timeseries/CIU2010000405000I>

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Total burden hours = 514,800 hours

Examination Time Cost:

343,200 hours x \$82.21 per hour
 = 28,214,472

Recordkeeping Cost:

171,600 hours x \$82.21 per hour
 = 14,107,236

Total burden hour cost = 42,321,708

Estimated Annualized Burden Hours and Costs								
Type of Respondent	30 CFR Section/ Collection Activity	No. of Respondents	No. of Responses per Respondent	Total No. of Responses (rounded to whole numbers)	Avg. Burden per Response (in hours)	Total Annual Burden (in hours/ rounded to whole numbers)	Avg. Hourly Wage Rate*	Total Annual Respondent Cost
Business or other for-profit	30 CFR 77.1713/ Exams	1,100	312	343,200	1 hour	343,200 hours	\$82.21	28,214,472
Business or other for-profit	30 CFR 77.1713/ Recordkeeping	1,100	312	343,200	.5 hours	171,600 hours	\$82.21	14,107,236
Total		1,100		343,200		514,800		42,321,708

13. Provide an estimate of the total annual cost burden to respondents or record keepers resulting from the collection of information. (Do not include the cost of any hour burden already reflected on the burden worksheet).

- a. 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 services component. The estimates should take into account costs associated with generating, maintaining, and disclosing or providing the information.

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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.

- b. 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.**
- c. 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 capital costs specific to compliance with this standard. There is no annual capital cost burden to respondents or recordkeepers resulting from the collection of this information.

14. Provide estimates of 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), and 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 in a single table.

MSHA inspectors examine the records during routine inspections. MSHA believes that this burden is minimal and has assigned no cost factor.

15. Explain the reasons for any program changes or adjustments reported on the burden worksheet.

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Itemized Changes in Annual Burden Hours						
Data collection Activity/Instrument/Regulation	Program Change (hours currently on OMB Inventory)	Program Change (New)	Difference	Adjustment (hours currently on OMB Inventory)	Adjustment (New)	Difference
30 CFR 77.1713				456,768	343,200	-113,568
30 CFR 77.1713				228,384	171,600	-56,784
Total(s)				685,152	514,800	-171,352

The decrease in respondents is due to the loss of 364 of surface coal mines and surface facilities. The decrease in responses and hours are also the result of a decrease in active producing and active non-producing mines and facilities.

Respondents: There has been a decrease of 364 respondents (1,464 to 1,100).

Responses: There has been a decrease of 113,568 responses (456,768 to 343,200).

Hours: There has been a decrease of 170,352 hours (685,152 to 514,800).

Cost: There is no difference from the previous OMB inventory. The cost remains \$0.

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 of information, completion of report, publication dates, and other actions.

MSHA does not intend to publish the results of this information collection.

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

MSHA associates no forms with this information collection.

18. Explain each exception to the topics of the certification statement identified in "Certification for Paperwork Reduction Act Submissions."

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There are no certification exceptions identified with this information collection.

B. COLLECTIONS OF INFORMATION EMPLOYING STATISTICAL METHODS

The collection of this information does not employ statistical methods.