DEPARTMENT OF LABOR

Mine Safety and Health Administration

Proposed Information Collection Request Submitted for Public Comment and Recommendations; Mine Ventilation System Plan

ACTION: Notice.

SUMMARY: The Department of Labor, as part of its continuing effort to reduce paperwork and respondent burden conducts a pre-clearance consultation program to provide the general public and Federal agencies with an opportunity to comment on proposed and/or continuing collections of information in accordance with the Paperwork Reduction Act of 1995 (PRA95) (44 U.S.C. 3506 (c)(2)(A)). This program helps to ensure that requested data can be provided in the desired format, reporting burden (time and financial resources) is minimized, collection instruments are clearly understood, and the impact of collection requirements on respondents can be properly assessed.

Currently, the Mine Safety and Health Administration (MSHA) is soliciting comments concerning the extension of the information collection related to the compliance with standards (30 CFR 57.8520 and 57.8525). The ventilation system is the most vital life support system in underground mining and a properly operating ventilation system is essential for maintaining a safe and healthful working environment. A well planned mine ventilation system is necessary to assure a fresh air supply to miners at all working places, to control the amounts of harmful airborne...
contaminants in the mine atmosphere, and to dilute possible accumulation of explosive gases. Lack of adequate ventilation in underground mines has resulted in fatalities from asphyxiation and explosions due to a buildup of explosive gases.

DATES: Submit comments on or before July 6, 2007.

ADDRESSES: Send comments to U.S. Department of Labor, Mine Safety and Health Administration, Debbie Ferraro, Management Services Division, 1100 Wilson Boulevard, Room 2171, Arlington, VA 22209–3939. Commenters are encouraged to send their comments on a computer disk, or via e-mail to Ferraro.Debbie@dol.gov, along with an original printed copy. Ms. Ferraro can be reached at (202) 693–9821 (voice), or (202) 693–9801 (facsimile).

FOR FURTHER INFORMATION CONTACT: Contact the employee listed in the ADDRESSES section of this notice.

SUPPLEMENTARY INFORMATION:

I. Background

Underground mines present harsh and hostile working environments. The ventilation system is the most vital life support system in underground mining and a properly operating ventilation system is essential for maintaining a safe and healthful working environment. Inadequate ventilation can be a primary factor for deaths caused by disease of the lungs (e.g. silicosis). In addition, poor working conditions from lack of adequate ventilation contribute to accidents resulting from heat stress, limited visibility, or impaired judgment from contaminants.

II. Desired Focus of Comments

MSHA is particularly interested in comments that:

• 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;
• Evaluate the accuracy of the agency’s estimate of the burden of the proposed collection of information, including the validity of the methodology and assumptions used;
• Enhance the quality, utility, and clarity of the information to be collected; and
• 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 submissions of responses.

A copy of the proposed information collection request can be obtained by contacting the employee listed in the FOR FURTHER INFORMATION CONTACT section of this notice, or viewed on the Internet by accessing the MSHA home page (http://www.msha.gov) and then choosing “Rules and Regs” and “Federal Register Documents.”

III. Current Actions

Currently, the Mine Safety and Health Administration (MSHA) is soliciting comments concerning the proposed extension of the information collection related to ventilation and main fan maintenance.

Type of Review: Extension. 
Agency: Mine Safety and Health Administration.
Title: Ventilation Plan and Main Fan Maintenance Record.
OMB Number: 1219–0016.
Affected Public: Business or other for-profit.
Frequency: Annually and on occasion.
Respondents: 242.
Total Burden Hours: 5,942.
Total Burden Cost (capital/startup): $0.
Total Burden Cost (operating/maintaining): $0.

Comments submitted in response to this notice will be summarized and/or included in the request for Office of Management and Budget approval of the information collection request; they will also become a matter of public record.

Dated at Arlington, Virginia, this 1st day of May, 2007.

David L. Meyer,
Director, Office of Administration and Management.

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BILLING CODE 4510–43–P

DEPARTMENT OF LABOR

Mine Safety and Health Administration

Proposed Information Collection Request Submitted for Public Comment and Recommendations; Hazardous Conditions Complaints

ACTION: Notice.

SUMMARY: The Department of Labor, as part of its continuing effort to reduce paperwork and respondent burden conducts a pre-clearance consultation program to provide the general public and Federal agencies with an opportunity to comment on proposed and/or continuing collections of information in accordance with the Paperwork Reduction Act of 1995 (PRA95) [44 U.S.C. 3506 (c)(2)(A)]. This program helps to ensure that requested data can be provided in the desired format, reporting burden (time and financial resources) is minimized, collection instruments are clearly understood, and the impact of collection requirements on respondents can be properly assessed.

DATES: Submit comments on or before July 6, 2007.

ADDRESSES: Send comments to U.S. Department of Labor, Mine Safety and Health Administration, Debbie Ferraro, Management Services Division, 1100 Wilson Boulevard, Room 2171, Arlington, VA 22209–3939. Commenters are encouraged to send their comments on a computer disk or via e-mail to Ferraro.Debbie@dol.gov, along with an original printed copy. Ms. Ferraro can be reached at (202) 693–9821 (voice), or (202) 693–9801 (facsimile).

FOR FURTHER INFORMATION CONTACT: Contact the employee listed in the ADDRESSES section of this notice.

SUPPLEMENTARY INFORMATION:

I. Background

Section 103(g) of the Federal Mine Safety and Health Act of 1977 (Pub. L. 91–173, as amended by Pub. L. 95–164) (Mine Act), states that a representative of miners, or any individual miner where this is no miners representative, may submit a written or oral notification of alleged violation of the Mine Act or a mandatory standard or of an imminent danger. Such notification requires the Mine Safety and Health Administration (MSHA) to make an immediate inspection. A copy of the notice must be provided to the operator.

Title 30, Code of Federal Regulations (30 CFR, Part 43), implements Section 103(g) of the Mine Act. It provides the procedures for submitting notification of the alleged violation and the actions which MSHA must take after receiving the notice. Although the regulation contains a review procedure (required by Section 103(g)(2) of the Mine Act) whereby a miner or a representative of miners may in writing request a review if no citation or order is written as a result of the original notice, the option is so rarely used that it was not considered in the burden estimates.

II. Desired Focus of Comments

MSHA is particularly interested in comments that:

• Evaluate whether the proposed collection of information is necessary for the proper performance of the functions of the agency, including
SUPPORTING STATEMENT

Ventilation Plan and Main Fan Maintenance Record 30 CFR § 57.8520, § 57.8525
(pertains to metal and nonmetal underground mines)

A. JUSTIFICATION

1. Explain the circumstances that make the collection of information necessary. Identify any legal or administrative requirements that necessitate the collection.

Section 103(h) of the Federal Mine Safety and Health Act of 1977 (Mine Act), 30 U.S.C. § 813, 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.

Underground mines usually present harsh and hostile working environments. The ventilation system is the most vital life support system in underground mining and a properly operating ventilation system is essential for maintaining a safe and healthful working environment. A well planned mine ventilation system is necessary to assure a fresh air supply to miners at all working places, to control the amounts of harmful airborne contaminants in the mine atmosphere, and to dilute possible accumulation of explosive gases.

Lack of adequate ventilation in underground mines has resulted in fatalities from asphyxiation and/or explosions due to a buildup of explosive gases. Inadequate ventilation can be a primary factor for deaths caused by disease of the lungs (e.g. silicosis). In addition, poor working conditions from lack of adequate ventilation contribute to accidents resulting from heat stress, limited visibility, or impaired judgment from contaminants.

30 CFR 57.8520 requires the mine operator to prepare a written plan of the mine ventilation system. The plan is required to be updated at least annually. Upon written request of the District Manager, the plan or revisions must be submitted to MSHA for review and comment. The requested plan must include a current mine map or schematic, or a series of mine maps or schematics, mine fan data, diagram or description or sketches showing how ventilation is accomplished and the number and type of internal combustion engine units used underground.

The main mine fans constitute the major components of a ventilation system for the
entire underground mining operation. 30 CFR 57.8525 requires that the main ventilation fans for an underground mine be maintained according to either the manufacturers' recommendations or a written periodic schedule. Upon request of an Authorized Representative of the Secretary of Labor, this fan maintenance schedule must be made available for review.

The air flow provided by the fans assures fresh air to the miners at working faces, reduces the chance of the air reaching threshold limit values of airborne contaminants, and dilutes accumulations of possible explosive gases. A regular fan maintenance schedule is necessary to assure an uninterrupted and vital supply of air. The maintenance is normally scheduled as recommended by the fan manufacturers. The standard recognizes, however, that some installations may justify a more liberal schedule, others a more stringent schedule. Regardless of regularity, based on the loads of individual fans, the records assure compliance with the standard and may serve as a warning mechanism for possible ventilation problems before they occur.

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

The information collected under 30 CFR 57.8520 is used to: (a) assure that each operator of an underground metal and nonmetal mine routinely plans, reviews, and updates the mine's ventilation system; (b) insure the availability of accurate and current ventilation information; and (c) provide MSHA with the opportunity to alert the mine operator to potential hazards.

Regarding § 57.8525, the information is maintained by the mine operator for his or her use. Ventilation personnel may use the information when called upon to solve a problem. MSHA uses the information to determine whether the fans have been adequately maintained in compliance with the standard.

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.

In order to comply with the Government Paperwork Elimination Act (GPEA), MSHA permits mine operators to retain these records in whatever method they choose, which may include utilizing computer technology.

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

The ventilation plan and main fan maintenance record are unique for each mine. There is no duplicate information available.

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

This information collection 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.

Without this information, MSHA would not be able to verify compliance with standards 30 CFR § 57.8520 and § 57.8525.

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 a 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.

In the event of a mine accident or similar emergency situation, MSHA representatives may require this information to be provided more frequently than quarterly or require respondents to submit proprietary, trade secret, or other confidential information in order to ensure the safety and health of miners. The standards provide that the ventilation plan and fan maintenance schedules be made available to MSHA upon request.

This collection of information is otherwise consistent with 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.

In accordance with 5 CFR 1320.8 (d), MSHA will publish the proposed information collection requirements in the Federal Register, notifying the public that these information collection requirements are being reviewed in accordance with the Paperwork Reduction Act of 1995, and giving interested persons 60 days to submit comments.

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

MSHA does not provide any payment or gift to respondents.

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

MSHA makes no assurances of privacy to mine operators regarding these records.

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:

- 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 and aggregate the hour burdens in Item 13 of OMB Form 83-I.

- 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.

30 CFR § 57.8520
As of May 2013, MSHA records indicated that 270 underground metal and nonmetal mines are subject to this standard. In addition, MSHA estimates that 5 new mines will open annually and thus require the development of a new plan. Based on data from the U.S. Metal & Industrial Mineral Mine Salaries, Wages, & Benefits - 2011 Survey Results, MSHA estimates that a mine supervisor earning $69.02 per hour would require three, 8-hour work days (24 hours) to develop a mine plan for a new underground metal and nonmetal mine. MSHA estimates that a mine supervisor would require three 8-hour work days (24 hours) per year thereafter to update ventilation plans, whether at a new or existing mine.

MSHA further estimates that District Managers will request 10 percent of underground metal and nonmetal mines (275 mines x 0.10 = 28 mines) to submit ventilation plans or revisions for review annually. MSHA estimates that it would take a clerical employee, earning $28.75 per hour, 6 minutes (0.1 hour) to prepare each submission.

MSHA calculates the recordkeeping burden as follows:

**Develop new plan**

\[
\text{5 new plans x 24 hours} = 120 \text{ hours}
\]
120 hours x $69.02 = $8,282

Review and update existing plan
270 existing plans x 24 hours = 6,480 hours
6,480 hours x $69.02 = $447,250

Total Burden Hours 30 CFR § 57.8520 6,600 hours
Total Burden Hour Costs 30 CFR § 57.8520: $455,532
Total Responses: 275

30 CFR § 57.8525
As of May 2013, there are approximately 270 underground metal and nonmetal mines. Approximately 60 of these mines rely on natural ventilation of air movement and, therefore, have no fans. MSHA estimates that the remaining 210 mines have an average of 1.5 main fans per mine, for a total of 315 main fans which must be maintained according to either the manufacturer’s recommendations or a written periodic schedule adopted by the mine operator. Based on experience, MSHA estimates that approximately 90 percent these fans are maintained according to the manufacturer’s recommendation. Therefore, such mine operators would incur no burden associated with adopting a written, periodic maintenance schedule adopted by the mine operator.

The remaining 32 fans are maintained according to written periodic schedules adopted by mine operators which are reviewed regularly by MSHA inspectors. MSHA estimates that written maintenance schedules would need to be developed or revised for about one-third or 11 fans each year.

Based on data from the U.S. Metal & Industrial Mineral Mine Salaries, Wages, & Benefits - 2011 Survey Results, MSHA estimates that a mine maintenance supervisor, earning $69.02 per hour, would take about one hour to develop or revise a written periodic maintenance schedule for a main fan and a clerical person, earning $28.75, about 0.5 hours to type, copy, and distribute the schedule. The hour burden and hour burden cost are as follows:

Hour Burden
11 main fan maintenance schedules are received per year x 1.0 hour per schedule (supervisor) = 11 hours

11 main fan maintenance schedules are received per year x 0.5 hour per schedule (clerical) = 6 hours
Hour Burden Cost
11 supervisor hours x $69.02 an hour = $759
6 clerical hours x $28.75 per hour = $173

Total Burden Hours 30 CFR § 57.8525: = 17
Total Burden Hour Costs 30 CFR § 57.8525: = $932
Total Responses: = 11

Grand Total Burden Hours: = 6,617
Grand Total Burden Hour Costs: = $456,550

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 services 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 is no annual cost burden to respondents or recordkeepers resulting from this collection of 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.

As of May 2013, MSHA records indicated that 270 underground metal and nonmetal mines are subject to this standard. MSHA estimates that each of these mines would revise their plan, on average, once each year. In addition, it is estimated that 5 new mines will open and thus require the development of a new plan.

30 CFR 57.8520 requires that “a plan of the mine ventilation system shall be set out by the operator in written form. Revisions of the system shall be noted and updated at least annually. The ventilation plan or revisions thereto shall be submitted to the District Manager for review and comments upon his request.” MSHA estimates that District Managers will require 10 percent of underground metal and nonmetal mine operators to submit ventilation plans for Agency review for a total of 28 plans annually. MSHA further estimates that it will take 8 hours by Agency personnel to review either a new or revised plan. The calculation of Federal Government costs based on the average grade and salary of a MSHA mine inspector (GS 12/5 -$32.73 an hour), based on 2009 pay table (without locality pay) would be as follows:

\[(5 \text{ new plans} + 270 \text{ revised plans}) \times 10\% = 28 \text{ plans} \times 8 \text{ hours} \times 32.73 = \$7,322\]

15. Explain the reasons for any program changes or adjustments reported in Items 13 or 14 of the OMB Form 83-I.

Burden hours increased from 5,894 to 6,620 due to an increase in the number of mines. Burden costs were unchanged at $0.

16. For collections of information whose results are planned to 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.
The results of this information collection are not scheduled for publication.

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.

There are no required forms associated with this collection.

18. Explain each exception to the certification statement identified in Item 19, "Certification for Paperwork Reduction Act Submissions," of OMB Form 83-I.

When Item 17 on the Form OMB 83-I is checked “Yes”, the following documentation should be included in the Supporting Statement to the extent it applies to the methods proposed:

There is no statistical methodology involved in this collection.