

SUPPORTING STATEMENT30 C.F.R. Parts 15 through 36, Permissible Equipment Testing

§§ 15.4, 15.8, and 15.10	Explosives and Sheathed Explosive Units
§§ 18.6, 18.15, 18.81 18.82, 18.93 and 18.94	Electrical Motor Driven Mine Equipment and Accessories
§§ 19.3 and 19.13	Electric Cap Lamps
§§ 20.3 and 20.14	Electric Mine Lamps Other Than Standard Cap Lamps
§§ 22.4 and 22.11	Portable Methane Detectors
§§ 23.3 and 23.14	Telephones and Signaling Devices
§§ 27.4, 27.6 and 27.11	Methane Monitoring Systems
§§ 28.10, 28.25, 28.30 and 28.31	Fuses for Use With Direct Current
§§ 33.6 and 33.12	Dust Collectors for Use In Connection With Rock Drilling In Coal Mines
§§ 35.6 and 35.12	Fire Resistant Hydraulic Fluids
§§ 36.6 and 36.12	Approval Requirements for Permissible Mobile Diesel-Powered Transportation Equipment

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 Mine Safety and Health Administration (MSHA) is responsible for the inspection, testing, approval and certification, and quality control of mining equipment and components, materials, instruments, and explosives used in both underground and surface coal, metal, and nonmetal mines. Title 30 C.F.R., Parts 15 through 36 contain procedures by which manufacturers may apply for and have equipment approved as "permissible" for use in mines.

Section 318(c) of the Federal Mine Safety and Health Act of 1977 (Mine Act) defines "'permissible' as applied to (1) equipment used in the operation of a coal mine, means equipment, other than permissible electric face equipment, to which an approval plate, label, or other device is attached as authorized by the Secretary and which meets specifications which are prescribed by the Secretary for the construction and maintenance of such equipment and are designed to assure that such equipment will not cause a mine explosion or a mine fire; (2) explosives, shot firing units, or blasting devices used in such mine, means explosives, shot firing units, or blasting devices which meet specifications which are prescribed by the Secretary, . . .". In addition, Section 318(I) of the Mine Act states: "'permissible', as applied to electric face equipment, means all electrically operated equipment taken into or used in by the last open crosscut of an entry or a room of any coal mine the electrical parts of which, including, but not limited to, associated electrical equipment, components, and accessories, are designed, constructed, and installed, in accordance with the specifications of the Secretary, to assure that such equipment will not cause a mine explosion or mine fire, and the other features of which are designed and constructed, in accordance with the specifications of the Secretary, to prevent, to the greatest extent possible, other accidents in the use of such equipment; . . ."

Applications for approval or certification are prepared in the required format and submitted by the manufacturer to MSHA's Approval and Certification Center (A&CC). Applications are submitted in duplicate and are accompanied by drawings and specifications and other information pertinent to evaluating the requests. Upon approval of such equipment, instrument, materials and explosives, the A&CC issues a formal document which states that a completely assembled electric or nonelectrical machine or accessory has met the applicable requirements of a specific part of the regulations and authorizes the attachment of an approval

plate so indicating.

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.

Title 30 C.F.R. Parts 15 through 36 require that an investigation leading to approval or certification will be undertaken by the A&CC only pursuant to a written application accompanied by prescribed drawings and specifications identifying the piece of equipment. This information is used by engineers and scientists to evaluate the design in conjunction with tests to assure conformance to standards prior to approval for use in mines.

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.

The A&CC has developed the capability to accept approval applications and to receive other correspondence or information via a Remote Access Server (RAS). Approval applicants are able to upload engineering drawings (images) and files directly to the A&CC via a dial-in connection to a server. This has resulted in a faster exchange of information as this capability will be bidirectional. The minimum system requirements are Microsoft Windows 3.11, 95 or NT and a modem. Security has been established and tested so that each manufacturer can be assured of the absolute protection and privacy of the transmitted files. Several manufacturers have worked with the A&CC on a pilot basis to demonstrate the reliability and effectiveness of this system. The following is a projected cost and time savings for the electronic filing of an approval application:

Electronic Application = Savings of \$21.27
Electronic Drawings (2 Dwgs) = Savings of \$2.80
Elimination of Multiple Copies = \$.70 Ea.

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.

The applications, consisting of design specifications and drawings and related correspondence, are usually unique for each piece of equipment or product and any change in circuitry or component may result in an unsafe condition. Therefore, any similar information already available cannot be used to evaluate and approve another instrument, machine, electric face equipment, non-electric face equipment or product used in mine operations. MSHA's A&CC is the only place in the country which is authorized to approve equipment and certain products for use in mines. Therefore, it is unlikely that there would be a duplication

because of this unique function.

5. If the collection of information impacts small businesses or other small entities (Item 5 of OMB Form 83-I), describe any methods used to minimize burden.

The standards apply to all manufacturers of mining equipment regardless of size. In order to determine if the device or equipment meets the standards, MSHA needs the same information from all manufacturers.

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.

Approvals are granted with the understanding that manufacturers will make their equipment and products according to final drawings and specifications submitted to MSHA. Before changing any features of approved equipment or products, the manufacturers must first obtain MSHA's approval.

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.

There are no special circumstances that require the collection to be conducted in a manner inconsistent with the general in 5 C.F.R. § 1320.5.

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 C.F.R. 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.

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 has decided not to 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.

Manufacturers' applications, drawings and specifications are kept at the A&CC in a restricted records storage area that is accessible only to supervisors and A&CC employees responsible for handling these records. This is a secured area in which proprietary information is safeguarded against violations of 18 U.S.C. § 1905, 5 U.S.C. § 552(b)(4), and the confidentiality provisions of the above C.F.R. Parts. The A&CC maintains a high level of security on entering the building which houses manufacturers' documents. All persons entering the building are required to wear badges that are easily visible on a person's outer clothing. These badges identify persons as visitors of the A&CC, which facilitates control within secure areas. Employees are issued Department of Labor identification cards that are required to be shown to security guards upon request.

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 14.

The following calculations for the existing requirements are based on the actual number of applications received during Fiscal Year 2001 and the hours per response which represents the estimated time required by the manufacturer to prepare and submit applications, which may include drawings and specifications, for approval and certification of their products.

*In this information collection request, instances where MSHA did not receive any applications, an estimate of one application will be used. Salary figures used are based on data obtained from the U.S. Coal Mine Salaries, Wages, & Benefits - 2001 Survey Results

PART 15 REQUIREMENTS FOR APPROVAL OF EXPLOSIVES AND SHEATHED EXPLOSIVES UNITS:

In FY 2001, MSHA received no new acceptances and one application for acceptance extension for Approval of Explosives and Sheathed Explosives Units. According to manufacturers' estimates, it requires approximately 5 hours to complete the application package. A Part 15 Acceptance is a document issued for products meeting 30 C.F.R. requirements for flame resistance and other properties as confirmed by test and evaluation. A Part 15 Acceptance Extension is a document issued when a previously accepted product is modified by the manufacturer or coal mine operator and, as modified, continues to meet requirements of 30 C.F.R.

Burden hours

*1 acceptance x 5.03 hours/application = 5.03 hours
1 acceptance extension x 5.03 hours/application = 5.03 hours

Burden hour cost

*5.03 hours x \$54.92 per hour (average salary and benefits of an engineer) = \$276.25 hr.

5.03 hours x \$54.92 per hour = \$276.25 hr.

Approval holders are required to report to MSHA any knowledge of a product distributed with critical characteristics not in accordance with the approval specifications. MSHA estimates that four manufacturers of Explosives and Sheathed Explosives Units may need to make such a report once a year at most, and that each manufacturer would require approximately 15 minutes (0.25 hours) to make a report by telephone or letter.

Burden hours

4 Manufacturers x 1 report x 0.25 hours = 1 hour

Burden hour cost

1 hour x \$54.92 per hour = \$54.92 hr.

For Parts 18 through 36 the following definitions apply:

Approval - a document stating that a product has met the approval requirements of a specified Part of 30 C.F.R. and which authorizes an approval marking to identify the product as "approved".

Approval Extension - a document issued when a previously approved product is modified by the manufacturer and as modified, continues to meet requirements of 30 C.F.R.

Certification - a document stating that a component complies with the applicable certification requirements of 30 C.F.R. and is suitable for incorporation into approved assemblies.

Certification Extension - a document issues when a previously certified product is modified by the manufacturer and, as modified, continues to meet requirements of 30 C.F.R.

Revised Approval Modification Program (RAMP) - A simplified procedure for a manufacturer to notify MSHA of proposed changes to an approved/certified product. It reduces the time necessary MSHA to approve the proposed changes and permits manufacturers to make multiple changes. Changes that may require additional testing are permitted.

Simplified Certification - same type action as Certification,

except it allows the applicant to submit a composite of drawings necessary to identify critical dimensions and specifications required for certification. This is a streamlined certification program that eliminates the need for individual drawings of components or parts.

Simplified Certification Extension - same type action as Certification Extension, except it allows modification to a product certified under the simplified Certification Program and, as modified the product continues to meet the requirements of 30 C.F.R.

PART 18 - ELECTRICAL MOTOR DRIVEN MINE EQUIPMENT AND ACCESSORIES:

*In this information collection request, instances where MSHA did not receive any applications, an estimate of one application will be used. Salary figures used are based on data obtained from the U.S. Coal Mine Salaries, Wages, & Benefits - 2001 Survey Results.

Burden hours estimated by MSHA for Part 18 are as follows:

Estimated Burden hours

84 approval applications x 14.43 hours =	1,212.12 hours
32 approval extensions x 5.16 hours =	165.12 hours
*1 certification application x 14.43 hours =	14.43 hours
*1 certification extensions x 5.16 hours =	5.16 hours
*1 simplified certifications x 7 hours =	7.00 hours
*1 simplified cert extensions x 2.5 hours =	2.50 hours
354 RAMP applications x 1 hour =	<u>354.00 hours</u>
Total estimated burden hours =	1,760.33 hours

Burden hour cost

1,760.33 hours x \$54.92/hour = \$96,677.32

PART 19 - ELECTRIC CAP LAMPS:

*In this information collection request, instances where MSHA did not receive any applications, an estimate of one application will be used. Salary figures used are based on data obtained from the U.S. Coal Mine Salaries, Wages, & Benefits - 2001 Survey Results.

Estimated burden hours

*1 approval application x 14.73 hours =	14.73 hours
1 approval extensions x 5.03 hours =	5.03 hours
1 RAMP applications x 1.48 hours =	<u>1.48 hours</u>

Total estimated burden hours = 21.24 hours

Burden hour cost

21.24 hours x \$54.92/hour = \$ 1,166.50

PART 20 - ELECTRIC MINE LAMPS OTHER THAN STANDARD CAP LAMPS:

*In this information collection request, instances where MSHA did not receive any applications, an estimate of one application will be used. Salary figures used are based on data obtained from the U.S. Coal Mine Salaries, Wages, & Benefits - 2001 Survey Results.

Estimated Burden hours

3 approval applications x 14.73 hours =	44.19 hours
*1 approval extensions x 5.03 hours =	5.03 hours
1 RAMP x 1.48 hours =	<u>1.48 hours</u>

Total estimated burden hours = 50.70 hours

Burden hour cost

50.70 hours x \$54.92 hour = \$2,784.44

PART 22 - PORTABLE METHANE DETECTOR:

*In this information collection request, instances where MSHA did not receive any applications, an estimate of one application will be used. Salary figures used are based on data obtained from the U.S. Coal Mine Salaries, Wages, & Benefits - 2001 Survey Results.

Estimated burden hours

1 approval applications x 14.73 hours =	14.73 hours
*1 extension applications x 5.03 hours =	5.03 hours
15 RAMP applications x 1.48 hours =	<u>22.20 hours</u>

Total estimated burden hours = 41.96 hours

Burden hour cost

41.96 hours x \$54.92/hour = \$2,304.44

PART 23 - TELEPHONES AND SIGNALING DEVICES:

*In this information collection request, instances where MSHA did not receive any applications, an estimate of one application will

be used. Salary figures used are based on data obtained from the U.S. Coal Mine Salaries, Wages, & Benefits - 2001 Survey Results.

Estimated burden hours

*1 approval applications x 14.73 hours =	14.73 hours
*1 extension applications x 5.03 hours =	5.03 hours
3 RAMP applications x 1.48 hours =	<u>4.44 hours</u>
Total estimated burden hours =	24.20 hours

Burden hour cost

24.20 hours x \$54.92/hour = \$1,329.06

PART 27 - METHANE MONITORING SYSTEMS:

*In this information collection request, instances where MSHA did not receive any applications, an estimate of one application will be used. Salary figures used are based on data obtained from the U.S. Coal Mine Salaries, Wages, & Benefits - 2001 Survey Results.

Estimated burden hours

*1 certification application x 14.73 hours =	14.73 hours
*1 certification extensions x 5.03 hours =	5.03 hours
7 RAMP applications x 1.48 hours =	<u>10.36 hours</u>
Total estimated burden hours =	30.12 hours

Burden hour cost

*30.12 hours x \$54.92/hour = \$1,654.19

PART 28 - FUSES FOR USE WITH DIRECT CURRENT:

*In this information collection request, instances where MSHA did not receive any applications, an estimate of one application will be used. Salary figures used are based on data obtained from the U.S. Coal Mine Salaries, Wages, & Benefits - 2001 Survey Results.

Estimated burden hours

*1 approval application x 14.73 hours =	14.73 hours
*1 extension application x 5.03 hours =	<u>5.03 hours</u>
Total estimated burden hours =	19.76 hours

Burden hour cost

*19.76 hours x \$54.92/hour = \$1,085.22

PART 33 - DUST COLLECTORS FOR USE IN CONNECTION WITH ROCK DRILLING IN COAL MINES:

*In this information collection request, instances where MSHA did not receive any applications, an estimate of one application will be used. Salary figures used are based on data obtained from the U.S. Coal Mine Salaries, Wages, & Benefits - 2001 Survey Results.

Estimated burden hours

7 approval applications x 14.73 hours =	103.11 hours
*1 extension application x 5.03 hours =	5.03 hours
3 RAMP applications x 1.48 hours =	<u>4.44 hours</u>
Total estimated burden hours =	112.58 hours

Burden hour cost

112.58 hours x \$54.92/hour = \$6,182.89

PART 35 - FIRE RESISTANT HYDRAULIC FLUIDS:

*In this information collection request, instances where MSHA did not receive any applications, an estimate of one application will be used. Salary figures used are based on data obtained from the U.S. Coal Mine Salaries, Wages, & Benefits - 2001 Survey Results.

Estimated burden hours

*1 approval applications x 24.25 hours =	24.25 hours
*1 extension application x 24.25 hours =	<u>24.25 hours</u>
Total estimated burden hours =	48.50 hours

Burden hour cost

48.50 hours x \$54.92/hour = \$2,663.62

PART 36 - APPROVAL REQUIREMENTS FOR PERMISSIBLE MOBILE DIESEL-POWERED TRANSPORTATION EQUIPMENT:

*In this information collection request, instances where MSHA did not receive any applications, an estimate of one application will be used. Salary figures used are based on data obtained from the U.S. Coal Mine Salaries, Wages, & Benefits - 2001 Survey Results:

Estimated burden hours

54 approval applications x 14.73 hours =	795.42 hours
*1 extension application x 5.03 hours =	5.03 hours
3 RAMP applications x 1.48 hours =	<u>4.44 hours</u>
Total estimated burden hours =	804.89 hours

Burden hour cost

804.89 hours x \$54.92/hour = \$44,204.56

TOTAL BURDEN HOURS:	2,914.28
TOTAL BURDEN COST:	\$160,052.24

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 are no costs to the respondent associated with this collection.

In FY 2001, MSHA received 0 new acceptances and one application for acceptance extension of Approval of Explosives and Sheathed

Explosives Units. MSHA estimates that it takes approximately 5 hours to evaluate an initial application for approval and 2 hours to evaluate an application for extension. Under the fee schedule issued pursuant to 30 C.F.R. Part 5, MSHA charges \$58 per hour to evaluate applications for approval. MSHA also includes a factor of 1.93 when determining costs to account for overhead. The cost to applicants for MSHA's evaluation of their applications for approval is calculated as follows:

*1 new applications x 5 hours x 1.93 x \$58 per hour	=	\$ 559.70
1 application(s) for extension x 2.2 hours		
x 1.93 x \$58 per hour	=	\$ 246.27
	Total	= \$ 805.97

Under Part 15, Subpart A, MSHA is authorized to conduct periodic post-approval audits of approved products. No more than once a year except for cause, the approval holder, at MSHA's request, must make an approved product available at no cost to MSHA for an audit to be conducted at a mutually agreeable site and time.

In FY 2001, MSHA conducted no explosives or sheathed explosives units audits. If audits were performed, the samples would be destroyed during the testing process. The estimated cost to the approval holders for providing these products is as follows:

*1 Explosives x \$25 per sample	=	\$ 25
*1 Sheathed Explosives units x \$100 per sample	=	\$100

PART 18 - ELECTRICAL MOTOR DRIVEN MINE EQUIPMENT AND ACCESSORIES:

In order to determine costs under this section, MSHA has estimated the number of hours it would take to review the relevant documents, i.e., applications, etc. The actual calculation uses takes in account the number of documents, the number of hours it takes to review each document, a decimal figure determined by MSHA to account for overhead costs, and the hourly rate charged by MSHA to review the documents. For instances where MSHA did not receive any applications, an estimate of one application will be used and the hours will be taken from a similar program. The estimates will be documented with an asterisk ().

73 approval applications x 1.616 x 27.95 hours x \$58 =	
	\$191,237.93
11 acceptance applications x 1.930 x 0.95 hours x \$58 =	
	\$1,169.77
17 approval extensions x 1.616 x 5.29 hours x \$58 =	\$8,428.96
15 acceptance extensions x 1.930 x 0.72 hours x \$58 =	\$1,208.95
*1 certification appls x 1.616 x 27.95 hours x \$58 =	\$2,619.70

*1 cert extensions x 1.616 x 5.29 hours x \$58 = \$495.82
 *1 simplified certs x 1.616 x 13.98 hours x \$58 = \$1,310.32
 *1 simplified cert exts x 1.616 x 2.66 hours x \$58 = \$249.32
 354 RAMP applications x 1.616 x 4.10 hours x \$58 = \$136,036.82

Total = \$342,757.59

PART 19 - ELECTRIC CAP LAMPS:

In order to determine costs under this section, MSHA has estimated the number of hours it would take to review the relevant documents, i.e., applications, etc. The actual calculation uses takes in account the number of documents, the number of hours it takes to review each document, a decimal figure determined by MSHA to account for overhead costs, and the hourly rate charged by MSHA to review the documents. For instances where MSHA did not receive any applications, an estimate of one application will be used and the hours will be taken from a similar program. The estimates will be documented with an asterisk ().

*1 approval applications x 1.616 x 76.5 hours x \$58 = \$7,170.19
 1 extensions applications 1.616 x 76.5 hours x \$58 = \$7,170.19
 1 RAMP application x 1.616 x 12.6 hours x \$58 = \$1,180.97

Total = \$15,521.35

PART 20 - ELECTRIC MINE LAMPS OTHER THAN STANDARD CAP LAMPS:

In order to determine costs under this section, MSHA has estimated the number of hours it would take to review the relevant documents, i.e., applications, etc. The actual calculation uses takes in account the number of documents, the number of hours it takes to review each document, a decimal figure determined by MSHA to account for overhead costs, and the hourly rate charged by MSHA to review the documents. For instances where MSHA did not receive any applications, an estimate of one application will be used and the hours will be taken from a similar program. The estimates will be documented with an asterisk ().

3 approval applications x 1.616 x 26.6 hours x \$58 = \$7,479.49
 *1 extension applications x 1.616 x 3.8 hours x \$58 = \$93.75
 1 RAMP applications x 1.616 x 12.6 hours x \$58 = \$1,180.97

Total = \$8,754.21

PART 22 - PORTABLE METHANE DETECTORS:

*In order to determine costs under this section, MSHA has

estimated the number of hours it would take to review the relevant documents, i.e., applications, etc. The actual calculation uses takes in account the number of documents, the number of hours it takes to review each document, a decimal figure determined by MSHA to account for overhead costs, and the hourly rate charged by MSHA to review the documents. For instances where MSHA did not receive any applications, an estimate of one application will be used and the hours will be taken from a similar program. The estimates will be documented with an asterisk (*).

1 approval applications x 1.616 x 110.4 hours x \$58 =	\$10,347.57
*1 extension applications x 1.616 x 26.4 hours x \$58 =	\$2,474.42
15 RAMP applications x 1.616 x 6.0 hours x \$58 =	\$8,435.52
Total =	\$21,257.51

PART 23 - TELEPHONES AND SIGNALING DEVICES:

In order to determine costs under this section, MSHA has estimated the number of hours it would take to review the relevant documents, i.e., applications, etc. The actual calculation uses takes in account the number of documents, the number of hours it takes to review each document, a decimal figure determined by MSHA to account for overhead costs, and the hourly rate charged by MSHA to review the documents. For instances where MSHA did not receive any applications, an estimate of one application will be used and the hours will be taken from a similar application program. The estimates will be documented with an asterisk ().

*1 approval applications x 1.616 x 69.5 hours x \$58 =	\$6,514.10
*1 extension application x 1.616 x 11.2 hours x \$58 =	\$1,049.75
3 RAMP applications x 1.616 x 16.1 hours x \$58 =	\$4,527.06
Total =	\$12,090.91

PART 27 - METHANE MONITORING SYSTEMS:

*In order to determine costs under this section, MSHA has estimated the number of hours it would take to review the relevant documents, i.e., applications, etc. The actual calculation uses takes in account the number of documents, the number of hours it takes to review each document, a decimal figure determined by MSHA to account for overhead costs, and the hourly rate charged by MSHA to review the documents. For instances where MSHA did not receive any applications, an estimate of one application will be used and the hours will be taken from a similar program. The estimates will be documented

with an asterisk (*).

*1 cert application x 1.616 x 3.1 hours x \$58 =	\$290.56
*1 extension applications x 1.616 x 3.1 hours x \$58 =	\$290.56
7 RAMP applications x 1.616 x 6.7 hours x \$58 =	\$4,395.84
Total =	\$4,976.96

PART 28 - FUSES FOR USE WITH DIRECT CURRENT:

In order to determine costs under this section, MSHA has estimated the number of hours it would take to review the relevant documents, i.e., applications, etc. The actual calculation uses takes in account the number of documents, the number of hours it takes to review each document, a decimal figure determined by MSHA to account for overhead costs, and the hourly rate charged by MSHA to review the documents. For instances where MSHA did not receive any applications, an estimate of one application will be used and the hours will be taken from a similar program. The estimates will be documented with an asterisk ().

*1 approval application x 1.616 x 3.1 hours x \$58 =	\$290.56
*1 extension application 1.616 x 31 hours x \$58 =	\$290.56
Total =	\$581.12

PART 33 - DUST COLLECTORS FOR USE IN CONNECTION WITH ROCK DRILLING IN COAL MINES:

In order to determine costs under this section, MSHA has estimated the number of hours it would take to review the relevant documents, i.e., applications, etc. The actual calculation uses takes in account the number of documents, the number of hours it takes to review each document, a decimal figure determined by MSHA to account for overhead costs, and the hourly rate charged by MSHA to review the documents. For instances where MSHA did not receive any applications, an estimate of one application will be used and the hours will be taken from a similar program. The estimates will be documented with an asterisk ().

7 approval applications x 1.824 x 3.51 hours x \$58 =	\$2,599.31
*1 extension applications x 1.824 x 3.51 hours x \$58 =	\$371.33
3 RAMP applications x 1.824 x 3.5 hours x \$58 =	\$370.27
Total =	\$3,340.91

PART 35 FIRE RESISTANT HYDRAULIC FLUIDS:

In order to determine costs under this section, MSHA has estimated the number of hours it would take to review the relevant documents, i.e., applications, etc. The actual calculation uses takes in account the number of documents, the number of hours it takes to review each document, a decimal figure determined by MSHA to account for overhead costs, and the hourly rate charged by MSHA to review the documents. For instances where MSHA did not receive any applications, an estimate of one application will be used and the hours will be taken from a similar program. The estimates will be documented with an asterisk ().

*1 approval applications x 1.93 x 8.5 hours x \$58 =	\$951.49
*1 extension application x 1.93 x 8.5 hours x \$58 =	\$951.49
Total = \$1,902.98	

PART 36 - APPROVAL REQUIREMENTS FOR PERMISSIBLE MOBILE DIESEL-POWERED TRANSPORTATION EQUIPMENT:

In order to determine costs under this section, MSHA has estimated the number of hours it would take to review the relevant documents, i.e., applications, etc. The actual calculation uses takes in account the number of documents, the number of hours it takes to review each document, a decimal figure determined by MSHA to account for overhead costs, and the hourly rate charged by MSHA to review the documents. For instances where MSHA did not receive any applications, an estimate of one application will be used and the hours will be taken from a similar program. The estimates will be documented with an asterisk ().

54 approval applications x 1.8.24 x 5.12 hours x \$58 =	\$29,249.37
*1 extension application x 1.824 x 5.0 x \$58 =	\$528.96
3 RAMP applications x 1.824 x 7.4 hours x \$58 =	\$2,348.58
Total = \$32,126.91	

TOTAL COST = \$443,310.45

In FY 2001, MSHA did not perform any destructive testing on samples under Parts 18 through 36, Permissible Equipment. The only Part that would require such testing is Part 28 Fuses. If destructive testing had been performed, MSHA estimates that for the manufacturer to have a Fuse Approval Retest conducted, it would cost \$1,500. Each Approval Retest consists of three separate tests.

3 tests x 1 hour per test x 500 per hour = \$ 1,500

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.

The only costs to MSHA are those related to post-approval audits. The costs to conduct these audits are as follows.

MSHA estimates that its cost to have a Mining Equipment Compliance Specialist travel to a manufacturing or distribution site and perform a post-approval audit in FY01 on permissible equipment was \$21,720 or about \$40 per audit. This includes both salary and travel expenses. In FY 2001, MSHA performed 543 post-approval audits on permissible equipment. These post-approval audits are broken out according to Title 30, C.F.R. Parts 18 through 36.

Part 18 Electrical Motor Driven Mine Equipment and Accessories:

359 applications x \$40 = \$ 14,360

Part 19 Electric Cap Lamps:

2 applications x \$40 = \$80

Part 22 Portable Methane Detectors

14 applications x \$40 = \$560

Part 23 Telephones and Signaling Devices

112 applications x \$40 = \$ 4,480

Part 27 Methane Monitoring Systems

31 applications x \$40 = \$ 1,240

Part 28 Fuses

2 applications x \$40 = \$80

Part 36 Mobile Diesel Powered Transportation Equipment For Gassy Noncoal Mines and Tunnels

23 applications x \$40 = \$920

Total = \$21,720

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

The decrease of 1970.58 burden hours (4904.62 in FY99 to 2934.04 in FY01) is primarily due to (1) An estimated 3% further reduction in time, when compared to that time reported for FY99, because of further efficiencies generated in submission of electronic applications

(2) an increase in the number of companies submitting their applications electronically, from 19 in FY99 to 35 in FY01 and (3) increase in applications submitted under the Revised Approval Modification Program (RAMP) program which permits multiple changes to an original approval on one application. As a result of the RAMP there is a decrease in the overall number of applications formerly submitted under the Extension programs and therefore the processing time needed to prepare one application as opposed to multiple applications.

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.

There are no forms associated with this information collection; therefore, MSHA is not seeking approval to not display the expiration date for OMB approval of this information collection.

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

There are no exceptions to the certification statement.

B. Collection of Information Employment Statistical Methods

The agency should be prepared to justify its decision not to use statistical methods in any case where such methods might reduce burden or improve accuracy of results. 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 that it applies to the methods proposed:

1. Describe (including a numerical estimate) the potential respondent universe and any sampling or other respondent selection methods to be used. Data on the number of entities (e.g., establishments, State and local government units,

households, or persons) in the universe covered by the collection and in the corresponding sample are to be provided in tabular form for the universe as a whole and for each of the strata in the proposed sample. Indicate expected response rates for the collection as a whole. If the collection had been conducted previously, include the actual response rate achieved during the last collection.

2. Describe the procedures for the collection of information including:

- Statistical methodology for stratification and sample selection,
- Estimation procedure,
- Degree of accuracy needed for the purpose described in the justification,
- Unusual problems requiring specialized sampling procedures, and
- Any use of periodic (less frequently than annual) data collection cycles to reduce burden.

3. Describe methods to maximize response rates and to deal with issues of non-response. The accuracy and reliability of information collected must be shown to be adequate for intended uses. For collections based on sampling, a special justification must be provided for any collection that will not yield "reliable" data that can be generalized to the universe studied.

4. Describe any tests of procedures or methods to be undertaken. Testing is encouraged as an effective means of refining collections of information to minimize burden and improve utility. Tests must be approved if they call for answers to identical questions from 10 or more respondents. A proposed test or set of tests may be submitted for approval separately or in combination with the main collection of information.

5. Provide the name and telephone number of individuals consulted on statistical aspects of the design and the name of the agency unit, contractor(s), grantee(s), or other person(s) who will actually collect and/or analyze the information for the agency.