

## § 5.40

(ii) MSHA will concurrently prepare a maximum fee estimate for applications containing a statement pre-authorizing a maximum dollar amount, and will provide the applicant with this estimate.

(2) Where MSHA's estimated maximum fee exceeds the pre-authorized maximum dollar amount, the applicant has the choice of cancelling the action and paying for all work done up to the time of the cancellation, or authorizing MSHA's estimate.

(3) Under the Revised Acceptance Modification Program (RAMP), MSHA expedites applications for acceptance of minor changes to previously approved, certified, accepted, or evaluated products. The applicant must pre-authorize a fixed dollar amount, set by MSHA, for processing the application.

(f) If unforeseen circumstances are discovered during the evaluation, and MSHA determines that these circumstances would result in the actual costs exceeding either the pre-authorized expenditure or the authorized maximum fee estimate, as appropriate, MSHA will prepare a revised maximum fee estimate for completing the evaluation. The applicant will have the option of either cancelling the action and paying for services rendered or authorizing MSHA's revised estimate, in which case MSHA will continue to test and evaluate the product.

(g) If the actual cost of processing the application is less than MSHA's maximum fee estimate, MSHA will charge the actual cost.

### § 5.40 Fee administration.

Applicants and approval holders will be billed for all fees, including actual travel expenses, if any, when approval program activities are completed. Invoices will contain specific payment instruction, including the address to mail payments and authorized methods of payment.

### § 5.50 Fee revisions.

The hourly rate will remain in effect for at least one year and be subject to revision at least once every three years.

## 30 CFR Ch. I (7-1-25 Edition)

### PART 6—TESTING AND EVALUATION BY INDEPENDENT LABORATORIES AND NON-MSHA PRODUCT SAFETY STANDARDS

Sec.

- 6.1 Purpose and effective date.
- 6.2 Definitions.
- 6.10 Use of independent laboratories.
- 6.20 MSHA acceptance of equivalent non-MSHA product safety standards.
- 6.30 MSHA listing of equivalent non-MSHA product safety standards.

AUTHORITY: 30 U.S.C. 957.

SOURCE: 68 FR 36417, June 17, 2003, unless otherwise noted.

#### § 6.1 Purpose and effective date.

This part sets out alternate requirements for testing and evaluation of products MSHA approves for use in gassy underground mines. It permits manufacturers of certain products who seek MSHA approval to use an independent laboratory to perform, in whole or part, the necessary testing and evaluation for approval. It also permits manufacturers to have their products approved based on non-MSHA product safety standards once MSHA has determined that the non-MSHA standards are equivalent to MSHA's applicable product approval requirements or can be modified to provide at least the same degree of protection as those MSHA requirements. The provisions of this part may be used by applicants for product approval under parts 18, 19, 20, 22, 23, 27, 33, 35, and 36. This rule is effective August 18, 2003.

#### § 6.2 Definitions.

The following definitions apply in this part.

*Applicant.* An individual or organization that manufactures or controls the assembly of a product and applies to MSHA for approval of that product.

*Approval.* A written document issued by MSHA which states that a product has met the applicable requirements of part 18, 19, 20, 22, 23, 27, 33, 35, or 36. The definition is based on the existing definitions of "approval" in the parts specified above. It is expanded to include "certification" and "acceptance" because these terms also are used to denote MSHA approval.

**Mine Safety and Health Admin., Labor****§ 6.20**

*Approval holder.* An applicant whose application for approval of a product under part 18, 19, 20, 22, 23, 27, 33, 35 or 36 of this chapter has been approved by MSHA.

*Equivalent non-MSHA product safety standards.* A non-MSHA product safety standard, or group of standards, determined by MSHA to provide at least the same degree of protection as the applicable MSHA product approval requirements in parts 14, 18, 19, 20, 22, 23, 27, 33, 35, and 36, or which in modified form provide at least the same degree of protection.

*Independent laboratory.* A laboratory that:

(1) has been recognized by a laboratory accrediting organization to test and evaluate products to a product safety standard, and

(2) is free from commercial, financial, and other pressures that may influence the results of the testing and evaluation process.

*Post-approval product audit.* The examination, testing, or both, by MSHA of approved products selected by MSHA to determine whether those products meet the applicable product approval requirements and have been manufactured as approved.

*Product safety standard.* A document, or group of documents, that specifies the requirements for the testing and evaluation of a product for use in explosive gas and dust atmospheres, and, when appropriate, includes documents addressing the flammability properties of products.

[68 FR 36417, June 17, 2003, as amended at 73 FR 80609, Dec. 31, 2008]

**§ 6.10 Use of independent laboratories.**

(a) MSHA will accept testing and evaluation performed by an independent laboratory for purposes of MSHA product approval provided that MSHA receives as part of the application:

(1) Written evidence of the laboratory's independence and current recognition by a laboratory accrediting organization;

(2) Complete technical explanation of how the product complies with each requirement in the applicable MSHA product approval requirements;

(3) Identification of components or features of the product that are critical to the safety of the product; and

(4) All documentation, including drawings and specifications, as submitted to the independent laboratory by the applicant and as required by the applicable part under this chapter.

(b) Product testing and evaluation performed by independent laboratories for purposes of MSHA approval must comply with the applicable MSHA product approval requirements.

(c) Product testing and evaluation must be conducted or witnessed by the laboratory's personnel.

(d) After review of the information required under paragraphs (a)(1) through (a)(4) of this section, MSHA will notify the applicant if additional information or testing is required. The applicant must provide this information, arrange any additional or repeat tests and notify MSHA of the location, date, and time of the test(s). MSHA may observe any additional testing conducted by an independent laboratory. Further, MSHA may decide to conduct the additional or repeated tests at the applicant's expense. The applicant must supply any additional components necessary for testing and evaluation.

(e) Upon request by MSHA, but not more than once a year, except for cause, approval holders of products approved based on independent laboratory testing and evaluation must make such products available for post-approval audit at a mutually agreeable site at no cost to MSHA.

(f) Once the product is approved, the approval holder must notify MSHA of all product defects of which they become aware.

**§ 6.20 MSHA acceptance of equivalent non-MSHA product safety standards.**

(a) MSHA will accept non-MSHA product safety standards, or groups of standards, as equivalent after determining that they:

(1) Provide at least the same degree of protection as MSHA's product approval requirements in parts 14, 18, 19, 20, 33, 35 and 36 of this chapter; or

## § 6.30

## 30 CFR Ch. I (7-1-25 Edition)

(2) Can be modified to provide at least the same degree of protection as those MSHA requirements.

(b) MSHA will publish its intent to review any non-MSHA product safety standard for equivalency in the FEDERAL REGISTER for the purpose of soliciting public input.

(c) A listing of all equivalency determinations will be published in this part 6 and the applicable approval parts. The listing will state whether MSHA accepts the non-MSHA product safety standards in their original form, or whether MSHA will require modifications to demonstrate equivalency. If modifications are required, they will be provided in the listing. MSHA will notify the public of each equivalency determination and will publish a summary of the basis for its determination. MSHA will provide equivalency determination reports to the public upon request to the Approval and Certification Center.

(d) After MSHA has determined that non-MSHA product safety standards are equivalent and has notified the public of such determinations, applicants may seek MSHA product approval based on such non-MSHA product safety standards.

[68 FR 36417, June 17, 2003, as amended at 73 FR 80609, Dec. 31, 2008]

### § 6.30 MSHA listing of equivalent non-MSHA product safety standards.

MSHA evaluated the following non-MSHA product safety standards and determined that they provide at least the same degree of protection as current MSHA requirements with or without modifications as indicated:

(a) The International Electrotechnical Commission's (IEC) standards for Electrical Apparatus for Explosive Gas Atmospheres, Part 0, General Requirements (IEC 60079-0, Fourth Edition, 2004-01) and Part 1, Electrical Apparatus for Explosive Gas Atmospheres, Flameproof Enclosures "d" (IEC 60079-1, Fifth Edition, 2003-11) must be modified in order to provide at least the same degree of protection as MSHA explosion-proof enclosure requirements included in parts 7 and 18 of this chapter. Refer to §§ 7.10(c)(1) and 18.6(a)(3)(i) for a list of the required modifications. The IEC standards may

be inspected at the U.S. Department of Labor, Mine Safety and Health Administration, Electrical Safety Division, Approval and Certification Center, 765 Technology Drive, Triadelphia, WV 26059, and may be purchased from International Electrical Commission, Central Office 3, rue de Varembé, P.O. Box 131, CH-1211 GENEVA 20, Switzerland.

(b) [Reserved]

[71 FR 28583, May 17, 2006, as amended at 73 FR 52210, Sept. 9, 2008]

## PART 7—TESTING BY APPLICANT OR THIRD PARTY

### Subpart A—General

Sec.

- 7.1 Purpose and scope.
- 7.2 Definitions.
- 7.3 Application procedures and requirements.
- 7.4 Product testing.
- 7.5 Issuance of approval.
- 7.6 Approval marking and distribution record.
- 7.7 Quality assurance.
- 7.8 Post-approval product audit.
- 7.9 Revocation.
- 7.10 MSHA acceptance of equivalent non-MSHA product safety standards.

### Subpart B—Brattice Cloth and Ventilation Tubing

- 7.21 Purpose and effective date.
- 7.22 Definitions.
- 7.23 Application requirements.
- 7.24 Technical requirements.
- 7.25 Critical characteristics.
- 7.26 Flame test apparatus.
- 7.27 Test for flame resistance of brattice cloth.
- 7.28 Test for flame resistance of rigid ventilation tubing.
- 7.29 Approval marking.
- 7.30 Post-approval product audit.
- 7.31 New technology.

### Subpart C—Battery Assemblies

- 7.41 Purpose and effective date.
- 7.42 Definitions.
- 7.43 Application requirements.
- 7.44 Technical requirements.
- 7.45 Critical characteristics.
- 7.46 Impact test.
- 7.47 Deflection temperature test.
- 7.48 Acid resistance test.
- 7.49 Approval marking.
- 7.50 Post-approval product audit.
- 7.51 Approval checklist.