

Title/Subject: Standard Application Procedure for Acceptance of Automatic Water Sprinkler Systems Constructed of Nonmetallic Piping, Hoses, and Fittings		
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Standard Application Procedure for Acceptance of
Automatic Water Sprinkler Systems Constructed of
Nonmetallic Piping, Hoses, and Fittings

1.0 Purpose

This document establishes MSHA's Standard Application Procedure for Acceptance of Automatic Water Sprinkler Systems Constructed of Nonmetallic Piping, Hoses, and Fittings under 30 CFR 75.1101-7.

2.0 Scope

These procedures apply to all applications for Acceptance of Automatic Water Sprinkler Systems Constructed of Nonmetallic Piping, Hoses, and Fittings under 30 CFR 75.1101-7.

3.0 Reference

3.1 This document is affected by the documents titled "A&CC Cancellation Policy (APOL1004)," "Design and Performance Criteria For Acceptance of Automatic Water Sprinkler Systems Constructed of Nonmetallic Piping, Hoses, and Fittings," and "Standard Test Procedure for Acceptance of Automatic Water Sprinkler Systems Constructed of Nonmetallic Piping, Hoses, and Fittings."

3.2 Copies of the "Design and Performance Requirements" and "Standard Test Procedure for Acceptance of Automatic Water Sprinkler Systems Constructed of Nonmetallic Piping, Hoses, and Fittings," are available upon request from the Approval and Certification Center (A&CC), P.O.

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Box 251, Industrial Park Road, Triadelphia, West Virginia 26059. The applicant should conduct these tests and record the results before submitting an application for acceptance to the Mine Safety and Health Administration (MSHA).

4.0 Definitions

There are no unusual terms in this document that need to be defined.

5.0 Procedure

- 5.1 It is recommended that applicants contact the Approval and Certification Center to discuss acceptance and testing requirements prior to submitting an application.
- 5.2 An application request must specify a six-digit company assigned application number and the type or category for which acceptance is desired.
- 5.3 All pages of the application must be numbered and dated.
- 5.4 All specification lists, drawings, instructions, etc., must be numbered with a sheet number on each sheet, dated, titled, provide an area for revisions, display the name of the company responsible for the document, and be stamped in bold letters **"NOT TO BE CHANGED WITHOUT MSHA APPROVAL."**
- 5.5 Lists/Bills of Material of the component parts and/or materials necessary to construct a typical system shall be provided with the

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application package. This list must specify the manufacturer, component, type of component, etc., and the company part numbers. Note that if equally rated parts and/or materials can be obtained from more than one manufacturer to construct a typical system, these parts and/or materials must be fully specified with ratings and tolerances such that the parts and/or materials can be readily located in published standard cross references.

5.6 All testing must be conducted by an independent third party subject to approval by MSHA. A copy of the "Standard Test Procedure for Acceptance of Automatic Water Sprinkler Systems Constructed of Nonmetallic Piping, Hoses, and Fittings" is available for guidance. MSHA reserves the right to witness the third-party testing and must be informed at least two (2) weeks in advance of testing. Test results must be submitted by the applicant to MSHA with each page being signed and dated by the tester and an authorized company official who can bind the company.

5.7 A sample label design for the acceptance label is attached. When your product has satisfied all other requirements for acceptance by MSHA, you will be required to submit a sample copy of your label design for record keeping. This drawing must meet the format requirements stated in Section 5.4 above. Although reduction in size is permitted, the acceptance label must include the following minimum information:

5.7.1 MSHA logo,

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5.7.2 company name,

5.7.3 description of material, and

5.7.4 space for MSHA acceptance number (eleven spaces minimum).

5.8 Application Costs

5.8.1 The A&CC will provide the applicant with a written estimate of the total anticipated charges. The applicant must sign and return the estimate, either agreeing to the charges permitting processing to begin, or not agreeing to the charges, thereby canceling the application.

5.8.2 Applicants may submit a pre-authorization notice with their application. The pre-authorization notice is a statement by the applicant authorizing MSHA to expend a stated amount of money (the amount the A&CC would estimate in section 5.8.1) in processing the application. This pre-authorization notice permits the evaluation to begin, negating the written estimate that would have been provided to the applicant.

5.8.3 If the applicant chooses to cancel, fees will be charged for work performed up to the cancellation. If total charges are less than the estimated amount, the lesser amount will be charged.

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5.9 Conditions of Acceptance

- 5.9.1 As part of the acceptance program, MSHA reserves the right to request a supply of accepted nonmetallic piping, hoses, and fittings used on automatic water sprinkler systems and sprinkler heads from the acceptance holder for audit at no cost to MSHA, no more frequently than once a year, except for cause.
- 5.9.2 Any nonmetallic piping, hoses, and fittings used on automatic water sprinkler systems covered under this acceptance program may be advertised as "accepted by MSHA," but such terms as "recommended," "sanctioned," "approved," or "certified" by MSHA are prohibited.
- 5.9.3 Any materials, developments, test results, or other information designated as proprietary and/or confidential shall be regarded as such. The manufacturer's name, address, telephone number, product name, and acceptance number shall not be regarded as proprietary and/or confidential.
- 5.9.4 MSHA-accepted nonmetallic piping or hoses used on automatic water sprinkler systems, shall be legibly and permanently marked with a replication of the acceptance label that reflects the assigned MSHA acceptance number. For fire suppression hose, this number shall be required in addition to the 2G flame resistance conformance number

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required for general use of hose in underground coal mines, as outlined in 30 CFR 75.1107-3(c).

5.9.5 MSHA-accepted nonmetallic piping, hoses, and fittings used on automatic water sprinkler systems, shall be marketed only under the name and identification nomenclature that has been furnished to MSHA and identified as such in the acceptance documentation.

5.10 Notification of Discrepancy

The applicant will be notified, in writing, of any discrepancies that need to be corrected. Discrepancies will be resolved in accordance with the A&CC's cancellation policy.

5.11 MSHA reserves the right to rescind, for cause, any acceptance issued, and require its removal from use in underground or surface mines.

6.0 Responsibility

The responsibilities of personnel involved in the acceptance or rejection of applications are defined under the Procedures section of the "Standard Test Procedure for Acceptance of Automatic Water Sprinkler Systems Constructed of Nonmetallic Piping, Hoses, and Fittings".

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7.0 Notification

Personnel required to be notified of completion of test results are defined in Section 6.0 of the "Standard Test Procedure for Acceptance of Automatic Water Sprinkler Systems Constructed of Nonmetallic Piping, Hoses, and Fittings".

8.0 Distribution

This document will be distributed to all applicants for acceptance of nonmetallic piping, hoses, and fittings used on automatic water sprinkler systems under 30 CFR 75.1101-7 and A&CC personnel involved in processing such applications.

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9.0 Result

The results of this document provide applicants and A&CC personnel with the Center's procedure for applying for acceptance of automatic water sprinkler systems constructed of nonmetallic piping, hoses, and fittings.

10.0 Review

This document will be reviewed at least once every three years.

11.0 Authority

30 CFR 75.1101-7, and 30 CFR Part 5.