



FIRE PREVENTION AND
COMMUNITY RISK REDUCTION
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ALTERNATIVE MATERIALS AND METHODS (AMM) REQUESTS

PURPOSE: This guideline is intended to provide direction for submitting requests for use of alternate materials and methods (AMMs) in accordance with the 2021 International Fire Code (IFC) Sections 104.8.2 Technical Assistance, 104.9 Modification, and 104.10 Alternate Materials and Method.

SCOPE: Requests for alternate materials and methods shall be evaluated by PFA staff to ensure the proposed design, use, or operation satisfactorily complies with the intent of the IFC and that the method of work performed, or operation is, for the purpose intended, at least equivalent to that prescribed in the IFC in quality, strength, effectiveness, fire resistance, durability, or safety

The following procedures have been established to assist the Authority members in determining whether a proposed AMM is at least equivalent to that prescribed by Colorado law or any local fire code or ordinances in quality, strength, effectiveness, fire resistance, durability, and safety.

PROJECT INFORMATION

For commercial, multi-family residential, and residential tract projects, the applicant shall provide the following written information in addition to the plans necessary to evaluate the project:

1. Relevant project information including:
 - a. The project name, address, contact person, and telephone number.
 - b. The owner's name, address, and telephone number.
 - c. Other specific information identifying the project as required (e.g., development permit type, tract, lot number).
2. Identify the Colorado law or any local fire code or ordinances section or reference the specific requirement for which the AMM is requested.
3. Detail the alternative fire protection measures as part of the AMM proposal and how they establish equivalency to those prescribed in the code.
4. Any additional information identified by the Poudre Fire Authority.

SUBMITTAL PROCESS

1. One copy of the AMM proposal and other supporting information is required to be submitted to the Poudre Fire Authority. Applicable fees due, in the amount indicated by the fee schedule currently in effect, **shall** be paid upon submittal of the AMM proposal.
2. AMM requests will be evaluated by the Poudre Fire Authority Fire Marshal or the authorized designee. All such requests are evaluated on a case-by-case basis. Approval of an AMM request is based upon several factors, including, but not limited to, the level of equivalency achieved, the effect of the AMM on fire and emergency response and

site conditions. All evaluations will be performed in the context of the specific project being reviewed.

3. If the AMM proposal provides an equivalent level of protection, considering all related conditions pertaining to the project, the Poudre Fire Authority Fire Marshal or the authorized designee will issue a written response granting approval. Such approval may be conditional upon implementation of additional requirements listed in the AMM approval that were not part of the original AMM proposal. Approval is granted only for the specific project under review and the conditions for approval shall not be construed as applicable to any other project.
4. In the event the AMM proposal does not provide an equivalent level of protection, the request will be denied, and a written denial will be issued.
 1. Should the applicant submit a different AMM request for the same project or choose to revise and resubmit the previously denied request, additional AMM fees will apply.
 2. To facilitate the evaluation process, the applicant should include any previously denied AMM proposals when submitting a revised AMM request.
5. Upon completion of the evaluation, the written AMM approval or denial and a copy of the applicant's AMM proposal should be made available for pick up at the location specified by the Poudre Fire Authority. Should evaluation of the AMM proposal require time and resources beyond the standard time allotted for this activity, additional time and materials fees may be assessed. Any additional fees assessed must be paid when the applicant picks up the AMM approval or denial.
6. The approved AMM proposal and written responses should be copied on the plans prior to plan approval. A copy of the AMM proposal and response should be kept at the project site at all times. This documentation may be required for review by the Poudre Fire Authority Fire Marshal or the authorized designee.

** The fire code official has the authority to require the owner or owner's authorized agent to provide a technical opinion safety report. The report is to be prepared by parties that have the technical ability to evaluate the design of the facility or the operational process in question. A registered design professional is commonly used for these services. It is critical that the preparer of the report have the proper background and experience for the project since the credibility of the report depends on these qualifications.