writing by the DOT-approved Fireworks Certification Agency that the firework has been:

(i) Certified that it complies with APA 87–1A, and meets the requirements of this section; and

(ii) Assigned an FC number.

(4) The manufacturer's application must be complete and include:

(i) Detailed diagram of the device;

(ii) Complete list of the chemical compositions, formulations and quantities used in the device;

(iii) Results of the thermal stability test; and

(iv) Signed certification declaring that the device for which certification is requested conforms to the APA 87–1A, that the descriptions and technical information contained in the application are complete and accurate, and that no duplicate applications have been submitted to PHMSA. If the application is denied, the Fireworks Certification Agency must notify the manufacturer in writing of the reasons for the denial. As detailed in the DOT-approval issued to the Fireworks Certification Agency, following the issuance of a denial from a Fireworks Certification Agency, a manufacturer may seek reconsideration from the Fireworks Certification Agency, or may appeal the reconsideration decision of the Fireworks Certification Agency to the PHMSA Administrator.

(b) *Recordkeeping requirements.* Following the certification of each Division 1.4G consumer firework as permitted by paragraph (a) of this section, the manufacturer and importer must maintain a paper record or an electronic image of the certificate, demonstrating compliance with this section. Each record must clearly provide the unique identifier assigned to the firework device and the Fireworks Certification Agency that certified the device. The record must be accessible at or through its principal place of business and be made available, upon request, to an authorized official of a Federal, State, or local government agency at a reasonable time and location. Copies of certification records must be maintained by each importer, manufacturer, or a foreign manufacturer's U.S. agent, for five (5) years after the device is imported. The certification record must be made available to a representative of PHMSA upon request.

[78 FR 42477, July 16, 2013, as amended at 85 FR 75713, Nov. 25, 2020]

§ 173.66 Requirements for bulk packagings of certain explosives and oxidizers.

When §172.101 of this subchapter specifies that a hazardous material may be transported in accordance with this section (per special provision 148 in §172.102(c)(1)), only the bulk packagings specified for these materials in IME Standard 23 (IBR, see §171.7 of this subchapter) are authorized, subject to the requirements of subparts A and B of this part and the special provisions in column 7 of the §172.101 table. See Section I of IME Standard 23 for the standards for transporting a single bulk hazardous material for blasting by cargo tank motor vehicles (CTMV), and Section II of IME Standard 23 for the standards for CTMVs capable of transporting multiple hazardous materials for blasting in bulk and non-bulk packagings (*i.e.*, a multipurpose bulk truck (MBT) authorized to transport the Class 1 (explosive) materials, Division 5.1 (oxidizing) materials, Class 8 (corrosive) materials, and Combustible Liquid, n.o.s., NA1993, III, as specified in IME Standard 23 (also see §177.835(d) of this subchapter)). In addition, the requirements in paragraph (a) of this section apply to: A new multipurpose bulk truck constructed after April 19, 2016; and a modified existing multipurpose bulk truck after April 19, 2016 (see §173.66(b) regarding the term *modified*).

(a) *Federal Motor Vehicle Safety Standard (FMVSS).* Multipurpose bulk trucks must be in compliance with the FMVSS found in 49 CFR part 571, as applicable. Furthermore, the multipurpose bulk truck manufacturer must maintain a certification record ensuring the final manufacturing is in compliance with the FMVSS, in accordance with the certification requirements found in 49 CFR part 567. These certification records must be made available to DOT representatives upon request.

(b) *Modified.* The term *modified* means any change to the original design and construction of a multipurpose bulk truck (MBT) that affects its structural

integrity or lading retention capability, (*e.g.* rechassising, etc.). Excluded from this category are the following:

(1) A change to the MBT equipment such as lights, truck or tractor power train components, steering and brake systems, and suspension parts, and changes to appurtenances, such as fender attachments, lighting brackets, ladder brackets; and

(2) Replacement of components such as valves, vents, and fittings with a component of a similar design and of the same size.

[80 FR 79453, Dec. 21, 2015]

§ 173.67 Exceptions for Division 1.1 jet perforating guns.

(a) Notwithstanding the requirements of § 173.56(b), Division 1.1 jet perforating guns may be classed and approved by the Associate Administrator without prior examination and offered for transportation if the following conditions are met:

(1) The jet perforating guns are manufactured in accordance with the applicable requirements in AESC/IME JPG Standard (IBR, see § 171.7 of this subchapter);

(2) The jet perforating gun must be of a type described in the AESC/IME JPG Standard;

(3) The applicant applies in writing to the Associate Administrator following the applicable requirements in the AESC/IME JPG Standard, and is notified in writing by the Associate Administrator that the jet perforating gun has been classed, approved, and assigned an EX number. Each application must be complete and include all relevant background data, the applicable drawings, and any other pertinent information as described in the AESC/IME JPG Standard on each jet perforating gun for which approval is being requested. The manufacturer must sign the application and certify that the jet perforating gun for which approval is requested conforms to the AESC/IME JPG Standard and that the descriptions and technical information contained in the application are complete and accurate. If the application is denied, the applicant will be notified in writing of the reasons for the denial. The Associate Administrator may require that the jet perforating gun be examined as provided under § 173.56(b)(1).

(b) [Reserved]

[85 FR 75713, Nov. 25, 2020]

Subpart D—Definitions Classification, Packing Group Assignments and Exceptions for Hazardous Materials Other Than Class 1 and Class 7

SOURCE: Amdt. 173–224, 55 FR 52634 Dec. 21, 1990, unless otherwise noted.

§ 173.115 Class 2, Divisions 2.1, 2.2, and 2.3—Definitions.

(a) *Division 2.1 (Flammable gas).* For the purpose of this subchapter, a *flammable gas* (Division 2.1) means any material which is a gas at 20 °C (68 °F) or less and 101.3 kPa (14.7 psia) of pressure (a material which has a boiling point of 20 °C (68 °F) or less at 101.3 kPa (14.7 psia)) which—

(1) Is ignitable at 101.3 kPa (14.7 psia) when in a mixture of 13 percent or less by volume with air; or

(2) Has a flammable range at 101.3 kPa (14.7 psia) with air of at least 12 percent regardless of the lower limit. Except for aerosols, the limits specified in paragraphs (a)(1) and (a)(2) of this section shall be determined at 101.3 kPa (14.7 psia) of pressure and a temperature of 20 °C (68 °F) in accordance with the ASTM E681–85, Standard Test Method for Concentration Limits of Flammability of Chemicals or other equivalent method approved by the Associate Administrator. The flammability of aerosols is determined by the tests specified in paragraph (l) of this section.

(b) Division 2.2 (*non-flammable, nonpoisonous compressed gas—including compressed gas, liquefied gas, pressurized cryogenic gas, compressed gas in solution, asphyxiant gas and oxidizing gas*). For the purpose of this subchapter, a nonflammable, nonpoisonous compressed gas (Division 2.2) means any material (or mixture) which—

(1) Exerts in the packaging a gauge pressure of 200 kPa (29.0 psig/43.8 psia) or greater at 20 °C (68 °F), is a liquefied gas or is a cryogenic liquid, and