

§ 160.073-20

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occur in the length of wire at or between the points where the loops are secured (see Figure 160.073-10).

(b) If each of the three links passes the test, each link constructed in the same manner from the same spool of wire may be certified by the manufacturer as meeting the requirements of this subpart.

(c) If one or more of the three links fails the test, no link manufactured in the same manner and from the same spool of wire as the test links may be certified as meeting the requirements of this subpart.

§ 160.073-20 Marking.

(a) Each link certified by the manufacturer to meet the requirements of this subpart must have a corrosion resistant, waterproof tag attached to it that has the following information on it (the manufacturer must make the appropriate entries in the indicated space):

FLOAT-FREE LINK FOR LIFE FLOATS  
AND BUOYANT APPARATUS  
Of (10 or less) (11 to 20) (21 or more) persons capacity.

Normal	breaking	strength
Meets U.S. coast guard Requirements—46 CFR 160.073.		
Made by:	(name and address)	
(Date)	_____	

(b) [Reserved]

Subpart 160.076—Inflatable Recreational Personal Flotation Devices

SOURCE: CGD 94-110, 60 FR 32848, June 23, 1995, unless otherwise noted.

§ 160.076-1 Scope.

(a) This subpart contains structural and performance standards for approval of inflatable recreational personal flotation devices (PFDs), as well as requirements for production follow-up inspections, associated manuals, information pamphlets, and markings.

(b) Inflatable PFDs approved under this subpart rely entirely upon inflation for buoyancy.

[CGD 94-110, 60 FR 32848, June 23, 1995, as amended by USCG-2011-0076, 77 FR 19942, Apr. 3, 2012]

§ 160.076-3 Applicability.

Inflatable PFDs approved under this subpart may be used to meet the carriage requirements of 33 CFR 175.15 and 175.17 on the following types of vessels only:

- (a) Recreational vessels.
- (b) Uninspected recreational submersible vessels.

§ 160.076-5 Definitions.

As used in this part:

*Commandant* means the Chief of the Lifesaving and Fire Safety Standards Division, Life Saving and Fire Safety Division: Commandant (CG-ENG-4), U.S. Coast Guard Headquarters, 2100 2nd St., SW., Stop 7126, Washington, DC 20593-7126; phone: 202-372-1392; facsimile: 202-372-1924.

*Conditional approval* means a category of PFD which has condition(s) on its approval with which the user must comply in order for the PFD to be counted toward meeting the carriage requirements of the vessel being used. All conditionally approved PFDs are designated Approval Type V.

*First quality workmanship* means construction which is free from any defect materially affecting appearance or serviceability.

*Inflation medium* means any solid, liquid, or gas that, when activated, provides inflation for buoyancy.

*Inspector* means a recognized laboratory representative assigned to perform, supervise or oversee the duties described in §§160.076-29 and 160.076-31 of this subpart or any Coast Guard representative performing duties related to the approval.

*MOU* means memorandum of understanding which describes the approval functions a recognized independent laboratory performs for the Coast Guard, and the recognized independent laboratory's working arrangements with the Coast Guard.

*Performance type* means the in-water performance classification of the PFD (I, II, or III).

*PFD* means personal flotation device as defined in 33 CFR 175.13.

*PFD Approval Type* means the Type designation assigned by the Commandant, as documented in the approval certificate for the PFD, based

primarily on the in-water performance and serviceability of the PFD.

*Plans and specifications* means the drawings, product description, construction specifications, and bill of materials submitted in accordance with § 160.076-13 for approval of a PFD design.

[CGD 94-110, 60 FR 32848, June 23, 1995, as amended by CGD 95-072, 60 FR 50466, Sept. 29, 1995; CGD 94-110, 61 FR 13945, Mar. 28, 1996; CGD 96-041, 61 FR 50733, Sept. 27, 1996; USCG-2006-25697; 71 FR 55747, Sept. 25, 2006; USCG-2009-0702, 74 FR 49237, Sept. 25, 2009]

#### § 160.076-7 PFD Approval Type.

(a) An inflatable PFD may be approved without conditions as a Type I, II, or III PFD for persons over 36 kg (80 lb) if it meets the requirements of this subpart.

(b) Each inflatable PFD that can be demonstrated to meet the in-water performance requirements of a type I, II or III PFD in UL 1180 (incorporated by reference, see § 160.076-11) during approval testing and the applicable requirements of this subpart provided that certain conditions are placed on its use, may be approved as a Type V PFD. Each such PFD has conditional approval.

[CGD 94-110, 60 FR 32848, June 23, 1995, as amended by CGD 94-110, 61 FR 13945, Mar. 28, 1996; USCG-2011-0076, 77 FR 19942, Apr. 3, 2012]

#### § 160.076-9 Conditional approval.

(a) A conditionally approved inflatable PFD is categorized as a Type V PFD and may be used to meet the Coast Guard PFD carriage requirements of 33 CFR part 175 only if the PFD is used in accordance with any requirements on the approval label. PFDs marked “Approved only when worn” must be worn whenever the vessel is underway and the intended wearer is not within an enclosed space if the PFD is intended to be used to satisfy the requirements of 33 CFR part 175. Note: Additional approved PFDs may be needed to satisfy the requirements of 33 CFR part 175 if “Approved only when worn” PFDs are not worn.

(b) PFDs not meeting the performance specifications for type I, II, or III PFDs in UL 1180 (incorporated by reference, see § 160.076-11) may be classi-

fied as Type V, conditionally approved PFDs, when the Commandant determines that the performance or design characteristics of the PFD make such classification appropriate.

[CGD 94-110, 60 FR 32848, June 23, 1995, as amended by CGD 94-110, 61 FR 13945, Mar. 28, 1996; USCG-2011-0076, 77 FR 19942, Apr. 3, 2012]

#### § 160.076-11 Incorporation by reference.

(a) Certain materials are incorporated by reference into this subpart with the approval of the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. To enforce any edition other than the one listed in this section, the Coast Guard must publish notice of the change in the FEDERAL REGISTER, and the material must be available to the public. All approved material is available for inspection at the National Archives and Records Administration (NARA) and at the U.S. Coast Guard, Lifesaving and Fire Safety Division (CG-ENG-4), 2100 2nd St., SW., Stop 7126, Washington, DC 20593-7126, and is available from the sources indicated in paragraph (b) of this section. For information on the availability of this material at NARA, call 202-741-6030, or go to: [http://www.archives.gov/federal\\_register/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html).

(b) Underwriters Laboratories (UL) *Underwriters Laboratories, Inc.*, 333 Pfingsten Road, Northbrook, IL 60062-2096 (Phone (847) 272-8800; Facsimile: (847) 272-8129; Web site: [www.ul.com](http://www.ul.com)).

(1) UL 1123, UL Standard for Safety for Marine Buoyant Devices, Seventh Edition including revisions through February 14, 2011, (dated October 1, 2008), (“UL 1123”), incorporation by reference approved for § 160.076-35.

(2) UL 1180, UL Standard for Safety for Fully Inflatable Recreational Personal Flotation Devices, Second Edition including revisions through December 3, 2010, (dated February 13, 2009), (“UL 1180”), incorporation by reference approved for §§ 160.076-7; 160.076-9; 160.076-21; 160.076-23; 160.076-25; 160.076-31; 160.076-37; and 160.076-39.

(3) UL 1191, UL Standard for Safety for Components for Personal Flotation