

APPENDIX**Table A: Approval Standards**

Equipment Type	Collection Type	CFR Cite	Description
Subchapter 159- Marine Sanitation Devices			
Marine Sanitation Devices	Procedures for approval	159.015	Describes procedures to follow as in subpart 159.005.
	Copies on file		Manufacturer must keep copies on file of specifications and plans.
Subchapter 160 - Lifesaving Equipment			
Life Preservers, General	Procedure for approval	160.001-3	Relates to subpart 159.005 procedures and adds some specifications.
Life Preservers, Kapok, Adult and Child (Jacket Type), Models 3 and 5	Copies on file	160.002-1(c)	Manufacturer must keep copies on file of specifications and plans.
	Procedure for approval	160.002-7	Describes procedures to follow as in subpart 159.005.
Life Preservers, Fibrous Glass, Adult and Child (Jacket Type), Models 52 and 56	Copies on file	160.005-1(c)	Copies of the specifications and plans must be kept by the manufacturer.
	Procedure for approval	160.005-7	Describes procedures to follow as in subpart 159.005.
Life Preservers: Repairing	Repairing	160.006-2(a)	Note to OCMI before repairs is required.
Buoyant Apparatus for Merchant Vessels	Procedure for approval.	160.010-9	Describes procedures to follow as in subpart 159.005.
	Inflatable Buoyant Apparatus. Servicing.	160.010-3 (c)	Describes servicing procedures as in 160.151.
Hatchets (Lifeboat and Liferaft) for Merchant Vessels	Copy on file.	160.013-1(c)	Copy of the specifications and plans must be kept by the manufacturer.
Lifeboat winches for Merchant Vessels	Copies on file	160.015-1 (b)	Copies of the specifications and plans must be kept by the manufacturer.
	Procedure of approval.	160.015-6	Describes procedure for approval.
Lamps, Safety, Flame, for Merchant Vessels	Applicable specification.	160.016 (b)	A copy of the mentioned specification must be kept on record.
	Procedure for approval.	160.016-5 (b)	A pre-approval sample and plan is required.
Chain Ladder.	Approval procedure.	160.017-9 (a)	Describes procedures to follow as in subpart 159.005.
Hand Red Flare Distress Signals	Approval and production tests.	160.021-4 (b)	Must be done according to subchapter 159.007, and records must be kept.
	Procedure for Approval.	160.021-7	Describes procedures to follow as in subpart 159.005.
Floating Orange Smoke Distress Signal (5 minute)	Procedure for approval.	160.022-7	Describes procedures to follow as in subpart 159.005.

Table A: Approval Standards (contd.)

Equipment Type	Collection Type	CFR Cite	Description
Hand Combination Flare and Smoke Distress Signal	Procedure for approval.	160.023-7	Describes procedures to follow as in subpart 159.005.
Pistol-Projected Parachute Red Flare Distress Signal	Procedure for approval.	160.024-7	Describes procedures to follow as in subpart 159.005.
Water, Emergency Drinking (In Hermetically Sealed Containers), for Merchant Vessels	Copies on file	160.026-1 (b)	Copies of the specifications and plans must be kept by the packer.
	Procedure for approval.	160.026-7	Describes procedure for approval, which requires a copy of the independent lab.'s report being forwarded to CG.
Life Floats for Merchant Vessels	Type/Procedure for approval.	160.027-2 (a)	Must follow requirements as in 160.010.
Signal Pistols for Red Flare Distress Signals	Procedure for approval.	160.028-7	Describes procedures to follow as in subpart 159.005.
Line-Throwing Appliance, Shoulder Gun Type (and Equipment)	Procedure for approval.	160.031-7	Describes procedures to follow as in subpart 159.005.
Davits for Merchant Vessels	Procedure for approval of davits.	160.032-6	Describes approval procedures for davits.
	Copies on file.	160.033-1 (b)	Copies of the specifications and plans must be kept by the manufacturer.
Mechanical Disengaging Apparatus, Lifeboat, for Merchant Vessels	Procedures for approval of mechanical disengaging apparatus.	160.033-5	Describes approval procedures for mechanical disengaging apparatus.
	Copies on file.	160.035-1 (b)	Copies of the specifications and plans must be kept by the manufacturer.
Lifeboats for Merchant Vessels	Procedure for approval of lifeboats.	160.035-14	Describes approval procedure, which requires numerous steps and involves paperwork in more than one of the steps.
Hand-held Rocket Propelled Parachute Red Flare Distress Signals	Procedure for approval.	160.036-7	Must be done according to 159.005.
Hand Orange Smoke Distress Signals	Procedure for approval.	160.037-7	Must be done according to 159.005.

Table A: Approval Standards (contd.)

Equipment Type	Collection Type	CFR Cite	Description
Magazine Chests, Portable, for Merchant Vessels	Procedure for approval.	160.038-6	Must be done according to 159.005.
Line-Throwing Appliance, Impulse-Projected Rocket Type	Procedure for approval.	160.040-7	Must be done according to 159.005.
Kits, First-Aid, for Merchant Vessels	Applicable specification and publication.	160.041-1 (c)	Copies of the specifications and plans must be kept by the manufacturer.
Skids, Liferaft, for Merchant Vessels	Procedure for approval.	160.042-5	Describes approval procedure, which involves the submitting of plans to the CG.
Jackknife (With Can Opener) for Merchant Vessels	Copies on file.	160.043-1 (c)	Copies of the specifications and plans must be kept by the manufacturer.
Pumps, Bilge, Lifeboat, for Merchant Vessels	Marking.	160.044-5	Describes approval requirements also.
Specification for a Buoyant Vest, Kapok or Fibrous Glass, Adult and Child	Copies on file.	160.047-1 (c)	Copies of the specifications and plans must be kept by the manufacturer.
Specification for a Buoyant Cushion, Fibrous Glass	Copies on file.	160.048-1 (c)	Copies of the specifications and plans must be kept by the manufacturer.
Specification for a Buoyant Cushion Plastic Foam	Copies on file.	160.049-1 (c)	Copies of the specifications and plans must be kept by the manufacturer.
Specifications for a Buoy, Life Ring, Unicellular Plastic	Copies on File	160.050-1 (b)	Copies of the specifications and plans must be kept by the manufacturer.
	Procedure for approval.	160.050-7	Approval procedures as in subchapter 159.005.
Inflatable Liferrafts for Domestic Service	Scope/Approval.	160.051-1	Approval procedures as in 160.151.
	Design and performance of A & B inflatable liferafts.	160.051-7	Must comply with regulations in 160.151, which includes all the servicing requirements.
Specification for a Buoyant Vest, Unicellular Plastic Foam, Adult and Child	Copies on File.	160.052-1 (c)	Copies of the specifications and plans must be kept by the manufacturer.
Work Vests, Unicellular Plastic Foam	Copies on file.	160.053 (b)	Copies of the specifications and plans must be kept by the manufacturer.
	Procedure for approval.	160.053-6	Approval procedures as in subchapter 159.005.
Kits, First-Aid, for Inflatable Liferrafts	Copies on file.	160.054-1 (b)	Copies of the specifications and plans must be kept by the manufacturer.
	Procedure for approval.	160.054-7	Describes approval procedures.

Table A: Approval Standards (contd.)

Equipment Type	Collection Type	CFR Cite	Description
Life Preservers, Unicellular Plastic Foam, Adult and Child, for Merchant Vessels	Copies on file.	160.055-1 (c)	Copies of the specifications and plans must be kept by the manufacturer.
	Procedure for approval-standard and nonstandard life preservers.	160.055-9 (a)	Approval procedures as in subchapter 159.005.
		160.055-9 (b)	Inspection procedures involved in the approval procedures, and the additional documents that need to be forwarded to CG.
Rescue Boat	Procedure for approval.	160.056-7	Approval procedures are described (not as in 159.005).
Floating Orange Smoke Distress Signals (15 minutes)	Procedure for approval.	160.057-7	Approval procedures as in subchapter 159.005.
Desalter Kits, Sea Water, for Merchant Vessels	Copies on file.	160.058-1 (c)	Copies of the specifications and plans must be kept by the manufacturer.
Specification for a Buoyant Vest, Unicellular Polyethylene Foam, Adult and Child	Copies on file.	160.060 (c)	Copies of the specifications and plans must be kept by the manufacturer.
Fishing Tackle Kits, Emergency, for Merchant Vessels	Copies on file.	160.061-1 (b)	Copies of the specifications and plans must be kept by the manufacturer.
Releases, Life-saving Equipment, Hydraulic and Manual	Copies on file.	160.062-1 (c)	Copies of the specifications and plans must be kept by the manufacturer.
	Procedure for approval.	160.062-6	Approval procedures, as well as in 159.010.
Marine Buoyant Devices	Recognized Laboratory/Approval	160.064-7 (a)	Approval procedures as in subchapter 159.005, as well as additional measures.
Distress Signal for Boats, Red Aerial Pyrotechnic Flare	Approval procedures.	160.066-11	Approval procedures as in subchapter 159.005, as well as additional measures.
Distress Signals for Boats, Orange Flag	Manufacturer notification.	160.072	Describes procedures for manufacturer to follow.
Float-free Link or Life Floats and Buoyant Apparatus	Certification.	160.073-5	Describes procedures for manufacturer to follow.
Inflatable Recreational PFDs	Approval procedures for inflatable PFDs.	160.076-13	Approval procedures as in subchapter 159.005, as well as additional measures.
	Approval of design or material changes.	160.076-17	Procedures for manufacturer to follow.

Table A: Approval Standards (contd.)

Equipment Type	Collection Type	CFR Cite	Description
Hybrid Inflatable PFDs	Approval procedures.	160.077-6	Approval procedures as in subchapter 159.005, except as modified.
	Procedure for approval or of design or material revision.	160.077-7	Procedures for manufacturer to follow.
	Manufacturer records.	160.077-25	Manufacturer must retain records required in 159.007-13. .
Inflatable Liferafts (SOLAS)	Approval procedures.	160.151-11	Approval procedures as in subchapter 159.005, as well as additional measures.
	Fabrication of prototype inflatable liferafts for approval.	160.151-13	Many procedures involving paperwork required, as well as approval procedures outlines in 159.005.
	Training of servicing technicians.	160.151-39 (a) (3) & (b) (5)	Requires the issuance of a certificate to trained technicians.
	Approval of servicing facilities.	160.151-41	Procedure for applying for approval of servicing facility.
	Equipment required for servicing facilities.	160.151-45 (a)-(c)	Requires the retention of records.
Inflatable Liferafts (SOLAS) (contd.)	Notice to OCMI of servicing.	160.151-53 (a) & (b)	Information the owner or operator of the facility must give the OCMI, re: the liferaft to be serviced.
	Notice to OCMI of servicing.	160.151-53 (a) & (b)	The OCMI will inform the servicing facility whether the servicing must be witnessed by an inspector
	Servicing Procedure.	160.151-57 (p), (q), (r)	The servicing facility is required to issue certificates to the liferaft owner or owner's agent (p), retain records of each liferaft approved (q), and transmit stats. on liferafts approved to OCMI (r).
Immersion Suits.	Approval procedures.	160.171-7	Approval procedures as in subchapter 159.005, as well as additional measures.
Thermal Protective Aids	Approval procedures.	160.174-7	Approval procedures as in subchapter 159.005, as well as additional measures.
Inflatable Lifejackets	Approval procedures.	160.176-5	Approval procedures as in subchapter 159.005, except as modified.
	Manufacturer records.	160.176-17	Manufacturer is required to retain copies of the tests and inspections.
	Servicing.	160.176-19	Contains numerous collections, involving the inspection and approval of servicing facilities, writing facilities guidelines, retaining records, etc.

Table A: Approval Standards (contd.)

Equipment Type	Collection Type	CFR Cite	Description
Subchapter 161- Electrical Equipment			
Fire-Protective Devices	Method of application	161.002-18 (a)	Describes application procedure for approval.
Searchlights, Motor Lifeboat, for Merchant Vessels	Applicable specifications.	161.006-1 (b)	Copies of the specifications, approval plans and certificate of approval must be kept on file by the manufacturer.
	Procedure for approval.	161.006-6	Describes application procedure for approval.
Floating Electric Waterlights	Procedure for approval.	161.010-4	Describes application procedure for approval.
Emergency Position Indicating Radio Beacons	EPIRB Approval.	161.011-10	Describes application procedure for approval.
Personal Flotation Device Lights	Approval procedures.	161.012-5	Describes application procedure for approval.
Electric Distress Light for Boats	Manufacturer notification.	161.013-17	Manufacturer is required to send notice to the CG.
Subchapter 162 - Engineering Equipment			
Valves, Pressure-Vacuum Relief, for Tank Vessels	Procedure for approval.	162.017-6	Describes application procedure for approval.
Safety Relief Valves, Liquefied Compressed Gas	Applicable specifications, and referenced materials	162.018-1 (c)	Copies of the specifications, certificate of approval and plans, etc. are required to be kept by the manufacturer.
	Procedure for approval.	162.018-6/8	Describes approval application procedure, with numerous steps involving collections.
Combination Solid Stream and Water Spray Firehose Nozzles	Design, construction, testing and marking requirements.	162.027-2 (c)	Independent lab. Is required to prepare a report for manufacturer.
Extinguishers, Fire, Portable, Marine Type	Examinations, tests and inspections	162.028-6	Describes application procedure.
Pollution Prevention Equipment	Contents of application.	162.050-5	Describes approval application procedure, with numerous steps involving collections.
	Designation of facilities.	162.050-15	Each request for facility designation must be submitted to the CG, and describes procedure.
Subchapter 163 – Construction			
Pilot Hoist	Approval procedure.	163.002-9	Approval procedures, as in 159.005.
Pilot Ladder	Approval procedure	163.003-9	Approval procedures, as in 159.005.

Table A: Approval Standards (contd.)

Equipment Type	Collection Type	CFR Cite	Description
Subchapter 164 – Materials			
Deck coverings for Merchant Vessels	Procedure for approval.	164.006-5	Describes approval procedures, that involve numerous steps and as such, collections.
Structural Insulations	Applicable specifications and referenced materials.	164.007-1 (c)	Copies of the specifications and the certificate of approval must be kept by manufacturer.
	Procedure for approval.	164.007-9 (a), (d), (e), (f), (g)	Describes approval procedures, that involve numerous steps and as such, collections.
Bulkhead panels	Applicable specifications and referenced materials.	164.008-1 (c)	Copies of the specifications and the certificate of approval must be kept by manufacturer.
	Procedure for approval.	164.008-7 (a), (d), (e), (f), (g)	Describes approval procedures, that involve numerous steps and as such, collections.
Noncombustible Materials for Merchant Vessels	Contents of application.	164.009-7	Describes application procedure for approval.
	Procedure for approval.	164.009-9	Describes approval procedures, that involve numerous steps and as such, collections.
Interior Finishes for Merchant Vessels	Procedure for listing and labeling.	164.012-14 (a)	Describes listing and labeling procedures.
	Termination of listing and labeling.	164.012-15 (a)	Termination may be done by lab. Or Commandant by written notice to the manufacturer.
Foam, Unicellular Polyethylene (Buoyant, Slab, Slitted Trigonal Pattern)	Copies on file.	164.013-2 (c)	Copies of the specifications and the certificate of approval must be kept by manufacturer.
Plastic Foam, Unicellular, Buoyant, Sheet and Molded Shape	Applicable specifications and standards.	164.015-1 (c)	Copies of the specifications and the certificate of approval must be kept by manufacturer.
	Procedure for acceptance.	164.015-5 (b), (d)	Describes paperwork to be submitted to CG, as well as the affidavits necessary from the manufacturer.
Retroreflective Material for Lifesaving Equipment	Approval procedures.	164.018-7	Describes approval procedures, that involve numerous steps and as such, collections.

Table A: Approval Standards (contd.)

Equipment Type	Collection Type	CFR Cite	Description
Personal Flotation Device Components	Standard components: acceptance criteria and procedures.	164.019-5 (c)	Requires affidavits to accompany standard components.
	Non-standard components: acceptance criteria and procedures.	164.019-7 (c)	Request for acceptance, together with numerous other materials, must be submitted to CG by manufacturer or lab.
	Certification (affidavits)	164.019-11	Describes affidavits.
	Production quality control requirements.	164.019-13 (c)	Production tests and inspections must be conducted in accordance with 159.007.
	Component manufacturer records.	164.019-15	Each component manufacturer is required to retain records.

Table B: Instructional Materials

Equipment Type	Collection Type	CFR Cite	Description
Subchapter 159- Marine Sanitation Devices			
Marine Sanitation Devices	Instructions	159.015	Instructions.
Subchapter 160-Lifesaving Equipment			
Buoyant Apparatus for Merchant Vessels	Instruction placard.	160.010-3 (d)	Instructions.
Line-Throwing Appliance, Shoulder Gun Type (and Equipment)	Instructions	160.031-(4)(h)	
Line-Throwing Appliance, Impulse-Projected Rocket Type (and Equipment)	Instructions	160.040-(4)(h)	
Kits, First-Aid, for Merchant Vessels	Contents.	160.041-4 (c)	Requirements for instructions for using the first-aid kit.
Specifications for a Buoy, Life Ring, Unicellular Plastic	Instructions	160.050-5 (b) (1) (iv)	Instructional pamphlet, as in 33 CFR 181.701 - 705.
Inflatable Liferrafts for Domestic Service	Design and performance of A & B inflatable liferafts.	160.051-7	Must comply with all the servicing requirements in 160.151, which requires a servicing manual to be provided by the servicing facility.
	Equipment required for Coastal Service inflatable liferafts.	160.051-9 (j) & (k)	Instructional information that must be provided.
Kits, First-Aid, for Inflatable Liferrafts	Construction.	160.054-5	Instructions must be printed.
Fishing Tackle Kits, Emergency, for Merchant Vessels	Design and Construction.	160.061-3 (i)	Booklet instructions
Inflatable Recreational PFDs	Information pamphlet.	160.076-35	Describes how pamphlet should be prepared.
	Owner's manual.	160.076-37	Requires that the manufacturer offer an owner's manual with each PFD.
Hybrid Inflatable PFDs	PFD Manuals	160.077-29 (e)	Requires manuals for commercial hybrid PFDs on care of the PFD, etc.

Table B: Instructional Materials (contd.)

Equipment Type	Collection Type	CFR Cite	Description
Inflatable Liferrafts (SOLAS)	Equipment required for SOLAS A and SOLAS B inflatable liferafts.	160.151-21 (v) & (w)	Instructions that must be printed on equipment.
	Servicing.	160.151-35	Requires the preparation of a servicing manual.
	Servicing manual.	160.151-37	Describes the contents and other details about the manual.
	Operating instructions and information for the ship's training manual.	160.151-59	Requires the operating instructions, etc. to be made available in print form, and in placard form.
	Maintenance instructions.	160.151-61	Requires the manufacturer to make available maintenance instructions.
Immersion Suits.	Instructions.	160.171-15	Each suit is required to have instructions for its use.
Thermal Protective Aids	Instructions.	160.174-15	Each thermal protective aid is required to have instructions for its use.
Inflatable Lifejackets	Servicing.	160.176-19 (c)	Requires the manufacturer/servicing facility to provide a servicing manual for the lifejacket.
	User Manuals	160.176-21	Manufacturer is required to develop a user manual for each model of the inflatable jacket.
	Subchapter 161-Electrical Equipment		
Personal Flotation Device Lights	Instructions.	161.012-17	Each light is required to have instructions on it on how it works, etc.
Subchapter 163-Construction			
Pilot Hoist	Instructions and marking	163.002-17	Instructions
Subchapter 164-Materials			
Retroreflective Material for Lifesaving Equipment	Design requirements.	164.018-9 (b)	Describes the information that must appear on material.

Table C: Markings

Equipment Type	Collection Type	CFR Cite	Description
Subchapter 159- Marine Sanitation Devices			
Marine Sanitation Devices	Marking	159.55	On a nameplate attached to the device.
Subchapter 160-Lifesaving Equipment			
Life Preservers, Kapok, Adult and Child (Jacket Type), Models 3 and 5	Marking	160.002-6	Each life preserver must have certain markings that are described here.
Life Preservers, Fibrous Glass, Adult and Child (Jacket Type), Models 52 and 56	Marking	160.005-6	Each life preserver must have certain markings that are described here.
Buoyant Apparatus for Merchant Vessels	Marking and labeling of the apparatus.	160.010-3 (e) (8)	Marking and labeling of the apparatus.
	Nameplate and marking.	160.010-8	Nameplate and marking.
Hatchets (Lifeboat and Liferaft) for Merchant Vessels	Marking.	160.013-5	Describes the way in which hatchets may be marked.
Lifeboat winches for Merchant Vessels	Inspection and testing of lifeboat winches.	160.015-5(d)	Nameplate.
Lamps, Safety, Flame, for Merchant Vessels	Marking.	160.016-4	Describes how the marking should be done.
Chain Ladder.	Marking.	160.017-25	Describes how the marking should be done.
Hand Red Flare Distress Signals	Labeling and marking.	160.021-5	Describes how the labeling and marking should be done.
Floating Orange Smoke Distress Signals (5 minutes)	Marking.	160.022-5	Describes how the marking should be done.
Hand Combination Flare and Smoke Distress Signals	Labeling and marking.	160.023-5	Describes how the labeling and marking should be done.
Hand Combination Flare and Smoke Distress Signals	Marking.	160.024-5	Describes how the marking should be done.
Water, Emergency Drinking (In Hermetically Sealed Containers), for Merchant Vessels	Marking.	160.026-5	Describes how the marking should be done.

Table C: Markings (contd.)

Equipment Type	Collection Type	CFR Cite	Description
Life Floats for Merchant Vessels	Marking.	160.027-2	Describes procedure as in 160.010.
Signal Pistols for Red Flare Distress Signals	Marking.	160.028-5	Describes how the marking should be done.
Line-Throwing Appliance, Shoulder Gun Type (and Equipment)	Marking.	160.031-6	Describes how the marking should be done.
Davits for Merchant Vessels	Inspection and testing of davits.	160.032-5 (d)	Nameplate.
Mechanical Disengaging Apparatus, Lifeboat, for Merchant Vessels	Inspection and testing of mechanical disengaging apparatus.	160.033-4 (e)	Nameplate.
Lifeboats for Merchant Vessels	Construction of motor-propelled lifeboats with and without radio cabin.	160.035-5 (a) (3) (ii)	Some labeling procedures are described.
	Testing and inspection after approval.	160.035-13 (c)	Marking requirements are described.
Hand-Held Rocket-Propelled Parachute Red Flare Distress Signals	Marking.	160.036-5	Describes how the marking should be done.
Hand Orange Smoke Distress Signals	Labeling and marking.	160.037-5	Describes how the labeling and marking should be done.
Magazine Chests, Portable, for Merchant Vessels	Marking.	160.038-5	Describes how the marking should be done.
Line-Throwing Appliance, Impulse-Projected Rocket Type (and Equipment)	Marking and labeling.	160.040-6	Describes how the labeling and marking should be done.
Kits, First-Aid, for Merchant Vessels	Marking.	160.041-6	Describes how the marking should be done.
Jackknife (With Can Opener) for Merchant Vessels	Marking and packing.	160.043-6	Describes how the marking should be done.
Pumps, Bilge, Lifeboat, for Merchant Vessels	Marking.	160.044-5	Describes how the marking should be done.

Table C: Markings (contd.)

Equipment Type	Collection Type	CFR Cite	Description
Specification for a Buoyant Vest, Kapok or Fibrous Glass, Adult and Child	Marking.	160.047-6	Describes how the marking should be done.
Specification for a Buoyant Cushion, Fibrous Glass	Marking.	160.048-6	Describes how the marking should be done.
Specifications for a Buoyant Cushion Plastic Foam	Marking.	160.049-6	Describes how the marking should be done.
Specifications for a Buoy, Life Ring, Unicellular Plastic	Marking	160.050-6	Describes how the marking should be done.
Specification for a Buoyant Vest, Unicellular Plastic Foam, Adult and Child	Marking.	160.052-8	Describes how the marking should be done.
Work Vests, Unicellular Plastic Foam	Marking.	160.053-5	Describes how the marking should be done.
Kits, First-Aid, for Inflatable Liferafts	Marking.	160.054-6	Describes how the marking should be done.
Life Preservers, Unicellular Plastic Foam, Adult and Child, for Merchant Vessels	Marking.	160.055-8	Describes how the marking should be done.
Floating Orange Smoke Distress Signals (15 minutes)	Marking.	160.057-5	Describes how the marking should be done.
Specification for a Buoyant Vest, Unicellular Polyethylene Foam, Adult and Child	Marking.	160.060-8	Describes how the marking should be done.
Fishing Tackle Kits, Emergency, for Merchant Vessels	Marking.	160.061-5	Describes how the marking should be done.
Releases, Life-saving Equipment, Hydraulic and Manual	Marking.	160.062-5	Describes how the marking should be done.
Marine Buoyant Devices	Marking.	160.064-4	Describes how the marking should be done.
Distress Signal for Boats, Red Aerial Pyrotechnic Flare	Labeling.	160.066-9	Describes how labeling should be done.
	Expiration date.	160.066-10	Requires the marking of the expiration date.

Table C: Markings (contd.)

Equipment Type	Collection Type	CFR Cite	Description
Float-free Link or Life Floats and Buoyant Apparatus	Marking.	160.073-20	Describes how the marking should be done.
Inflatable Recreational PFDs	Marking.	160.076-39	Describes how marking should be done.
Inflatable Liferrafts (SOLAS)	Marking and labeling.	160.151-33	Describes how the marking and labeling should be done.
	Servicing procedure.	160.151-57 (l)	Markings required for liferafts.
Immersion Suits.	Marking.	160.171-23	Describes how marking should be done.
	Marking.	160.171-23	Describes how marking should be done.
Thermal Protective Aids	Marking.	160.174-23	Describes how marking should be done.
Inflatable Lifejackets	Marking.	160.176-23	Describes how marking should be done.
Subchapter 161-Electrical Equipment			
Searchlights, Motor Lifeboat, for Merchant Vessels	Requirements	161.006-4 (l)	Nameplate.
Personal Flotation Device Lights	Markings.	161.012-15	Describes how marking should be done.
Electric Distress Light for Boats	Manufacturer certification and labeling.	161.013-13	Describes required labeling.
Subchapter 162-Engineering Equipment			
Safety Relief Valves, Liquefied Compressed Gas	Marking.	162.018-6	Describes how marking should be done.
Extinguishers, Fire, Portable, Marine Type	Requirements.	162.028-3 (f)	Describes how marking should be done.
	Marine type label.	162.028-4	Describes how labeling should be done.
	Procedure for listing and labeling.	162.028-7	Describes how listing, labeling and marking should be done.
Extinguishers, Fire, Semi portable, Marine Type	Requirements.	162.039-3 (l)	Describes additional marking for nameplate.
	Marine type label.	162.039-4	Describes how labeling should be done.
	Procedure for listing and labeling.	162.039-7	Describes how listing, labeling and marking should be done.

Table C: Markings (contd.)

Equipment Type	Collection Type	CFR Cite	Description
Pollution Prevention Equipment	Marking.	162.050-11	Describes how marking should be done.
Subchapter 163-Construction			
Pilot Hoist	Marking.	163.002-25	Describes how marking should be done.
Pilot Ladder	Marking.	163.003-25	Describes how marking should be done.
Subchapter 164-Materials			
Structural Insulations	Conditions of approval.	164.007-3 (c)	The product is required to be marked so as to be identifiable.
Bulkhead panels	Conditions of approval.	164.008-2 (d)	The product is required to be marked so as to be identifiable.
Interior Finishes for Merchant Vessels	Marking.	164.012-11	Describes marking to be done.
	Procedure for listing and labeling.	164.012-14 (a)	Describes listing and labeling procedures.
Foam, Unicellular Polyethylene (Buoyant, Slab, Slitted Trigonal Pattern)	Marking.	164.013-7	Describes marking to be done.
Thread for Personal Flotation Devices	Marking.	164.023-15	Describes how the marking should be done.

Table D: Records of Production Tests

Equipment Type	Collection Type	CFR Cite	Description
Subchapter 159- Marine Sanitation Devices			
Marine Sanitation Devices	Production oversight.	159.015	Production tests and inspections as in 159.007.
Subchapter 160-Lifesaving Equipment			
Life Preservers, General	Waiver of tests	160.001-3(f)	Manufacturer must submit written request to CG for waiver of tests.
	Production oversight.	160.001-5	Production tests and inspections as in 159.007.
Life Preservers, Kapok, Adult and Child (Jacket Type), Models 3 and 5	Production oversight.	160.002-5	Production tests and inspections as in 159.007.
Life Preservers, Fibrous Glass, Adult and Child (Jacket Type), Models 52 and 56	Production oversight.	160.005-5	Production tests and inspections as in 159.007.
Buoyant Apparatus for Merchant Vessels	Production oversight.	160.010-7 & 3 (b)	Production tests and inspections as in 159.007 and as in 160.151-31, respectively.
Lifeboat winches for Merchant Vessels	Inspection and testing of lifeboat winches.	160.015-5	Affidavits
Chain Ladder	Production tests and examination.	160.017-27	Must be done according to subchapter 159.007.
Hand Red Flare Distress Signals	Production tests and examination.	160.021-4	Must be done according to subchapter 159.007.
Floating Orange Smoke Distress Signals (5 minutes)	Approval and production tests.	160.022-4 (b)	Must be done according to subchapter 159.007.
Hand Combination Flare and Smoke Distress Signals	Approval and production tests.	160.023-4 (b)	Must be done according to subchapter 159.007, and records must be kept.
Pistol-Projected Parachute Red Flare Distress Signals	Materials, workmanship, construction, and performance requirements.	160.024-3 (b)	Must be done according to subchapter 159.007, and records must be kept.
Hand Combination Flare and Smoke Distress Signals	Approval and production tests.	160.024-4 (b)	Must be done according to subchapter 159.007, and records must be kept.
Water, Emergency Drinking	Approval and production tests.	160.026-6	Must be done according to subchapter 159.010, and records must be kept.
Signal Pistols for Red Flare	Approval and production	160.028-4	Must be done according to subchapters 159.010 and 159.007.

Distress Signals	tests.		
Line-Throwing Appliance, Shoulder Gun Type (and Equipment)	Approval and production tests.	160.031-5 (b)	Must be done according to subchapters 159.010 and 159.007.
Davits for Merchant Vessels	Inspection and testing of davits.	160.032-5 (a)	Affidavits 5 of Material Testing
Hand-Held Rocket-Propelled Parachute Red Flare Distress Signals	Approval and production tests.	160.036-4	Must be done according to subchapters 159.010 and 159.007.
Hand Orange Smoke Distress Signals	Approval and production tests.	160.037-4	Must be done according to subchapters 159.010 and 159.007.
Line-Throwing Appliance, Impulse-Projected Rocket Type (and Equipment)	Approval and production tests.	160.040-5	Must be done according to subchapters 159.010 and 159.007.
Specification for a Buoyant Vest, Kapok or Fibrous Glass, Adult and Child	Inspections and tests	160.047-5 (a)(2)	Records of tests
Specification for a Buoyant Cushion, Fibrous Glass	Inspections and tests	160.048-5 (a)	Records of tests
Specification for a Buoyant Cushion Plastic Foam	Inspections and tests	160.049-5 (a)	Records of tests
Specifications for a Buoy, Life Ring, Unicellular Plastic	Sampling, tests, and inspection.	160.050-5 (a)	Must be done according to subchapter 159.007.
Specification for a Buoyant Vest, Unicellular Plastic Foam, Adult and Child	Inspections and tests-standard and nonstandard vests.	160.052-7 (a) (7)	Manufacturer is required to retain copies of the tests and inspections.
Life Preservers, Unicellular Plastic Foam, Adult and Child, for Merchant Vessels	Sampling, tests, and inspections.	160.055-7(a)	Describes production oversight and that it should be done as in subchapter 160.001-5, which then refers to 159.007.

Table D: Records of Production Tests (contd.)

Equipment Type	Collection Type	CFR Cite	Description
Floating Orange Smoke Distress Signals (15 minutes)	Approval and production tests.	160.057-4	Must be done according to subchapters 159.010 and 159.007.
Specification for a Buoyant Vest, Unicellular Polyethylene Foam, Adult and Child	Inspections and tests-standard and nonstandard vests.	160.060-7 (a) (2)	Requires manufacturer to make available to lab. Inspector and CG inspector, records of tests, etc.
Marine Buoyant Devices.	Examinations, tests and inspections.	160.064-6 (a)	Manufacturer is required to retain copies of the tests and inspections.
Distress Signal for Boats, Red Aerial Pyrotechnic Flare	Production testing.	160.066-15	Production testing as in 159.007, as well as additional specifications.
Inflatable Recreational PFDs	Production oversight.	160.076-29	Production testing as in 159.007, as well as additional specifications.
	Production tests and examinations.	160.076-31 (d) (3)	Manufacturer examination.
	Production tests and inspections.	160.077-23	Production testing as in 159.007, as well as additional specifications.
Hybrid Inflatable PFDs	Production tests and inspections.	160.077-23 (j) (4)	Describes Independent lab. Inspection procedures.
Inflatable Liferafts (SOLAS)	Production inspections and tests of inflatable liferafts.	160.151-31 (a) & (c)	Production testing as in 159.007, as well as additional specifications.
Immersion Suits.	Production testing.	160.171-25	Production testing as in 159.007, as well as additional specifications.
Inflatable Lifejackets	Production tests and inspections.	160.176-15 (a)	Production testing as in 159.007, as well as additional specifications.
		160.176-15 (j) (3)	Manufacturer examination, which requires a record to be prepared as in 159.007-13 (a), as well as required in next section.
Electric Distress Light for Boats	Prototype test.	161.013-11	Each manufacturer is required to test a prototype light and forward tests results to CG, etc.
Subchapter 162-Engineering Equipment			
Extinguishers, Fire, Portable, Marine Type	Examinations, tests, and inspections.	162.028-6 (a) & (b)	Some recording requirements described for the manufacturer.
Extinguishers, Fire, Semi portable, Marine Type	Examinations, tests, and inspections.	162.039-6 (b)	Records of tests conducted by the manufacturer are required to be kept.
Equipment Type	Collection Type	CFR Cite	Description
Pollution Prevention Equipment	Test report.	162.050-9	An approval test report is required.
	Vibration test.	162.050-37 (a)	A test report is required when submitting for CG approval.
Subchapter 164-Materials			
Structural Insulations	Test report.	164.007-6	A test report is required, and what it should contain is described.
Bulkhead panels	Test report.	164.008-5	A test report is required, and what it should contain is described.
Noncombustible Materials for	Laboratory report.	164.009-21	A lab. Report of the test, etc. is required and is described.

Merchant Vessels			
Interior Finishes for Merchant Vessels	Examinations, tests and inspections.	164.012-13 (a)	Records of manufacturer's inspection and tests are required to be kept.

Table E: Independent and Recognized Laboratories

Equipment Type	Collection Type	CFR Cite	Description
Subchapter 159- Marine Sanitation Devices			
Marine Sanitation Devices	Independent laboratory.	159.015	Independent laboratory acceptance by CG, as in subchapter 159.010.
Subchapter 160-Lifesaving Equipment			
Buoyant Apparatus for Merchant Vessels	Independent laboratory.	160.010-10	Independent laboratory acceptance by CG, as in subchapter 159.010.
Inflatable Liferafts (SOLAS)	Independent laboratory.	160.151-9	Tests and inspections must be done by labs. accepted by CG under subchapters 159.010.
Immersion Suits.	Independent laboratory.	160.171-5	Approval and production tests must be done by labs. accepted by CG under subchapters 159.010.
Thermal Protective Aids	Independent laboratory.	160.174-5	Approval and production tests must be done by labs. accepted by CG under subchapters 159.010.
Specification for a Buoyant Vest, Kapok or Fibrous Glass, Adult and Child	Recognized lab.	160.047-7	Approval procedures as in subchapter 159.005.
Specification for a Buoyant Cushion, Fibrous Glass	Recognized lab.	160.048-8	Approval procedures as in subchapter 159.005.
Specification for a Buoyant Cushion Plastic Foam	Recognized lab.	160.049-8	Approval procedures.
Specification for a Buoyant Vest, Unicellular Plastic Foam, Adult and Child	Recognized Lab.	160.052-9	Approval procedures as in subchapter 159.005.
Specification for a Buoyant Vest, Unicellular Polyethylene Foam, Adult and Child	Recognized Lab.	160.060-9	Approval procedures as in subchapter 159.005.
Marine Buoyant Devices	Recognized lab.	160.064-7	Approval procedures as in subchapter 159.005.
Inflatable Recreational PFDs	Recognized laboratories	160.076-19	Recognized under 159.010-7
Hybrid Inflatable PFDs	Recognized lab.	160.077-9	Must be done according to subchapters 159.010 and 159.007.
Subchapter 163-Construction			
Pilot Ladder	Independent Laboratory	163.003-7	Approval and Production tests under 159.010