

Amended Guidance for Approval of Service Suppliers

Dec. 2019



KR

- Main Amendments -

(1) Effective date : 1 Jan. 2020 (Date of which the application for survey is submitted)

● Reflected IACS UR Z17(Rev.14 Mar 2019)

Present	Amendments
<p>Appendix Part A – Approval of Service Suppliers listed in IACS Z17</p> <p>1.~ 4. <omitted></p> <p>5. Firms engaged in servicing life saving appliances</p> <p>5.1 Firms engaged in servicing inflatable liferafts, inflatable lifejackets, hydrostatic release units, inflatable rescue boats, marine evacuation systems(Z17 Annex 1-5)</p> <p><omitted></p> <p>5.2. <u>Firms engaged in the servicing and maintenance of lifeboats, launching appliances, on-load release gear and davit-launched liferaft automatic release hooks(Z17 Annex 1-13)</u></p> <p>5.2.1 Extent of engagement <u>Servicing and maintenance of lifeboats, launching appliances, on-load release gear and davit-launched liferaft automatic release hooks.</u></p> <p>5.2.2 Extent of Approval</p> <p>(1) The contents of this procedure apply equally to <u>manufacturers</u> when they are acting as Service Suppliers.</p> <p>(2) Any Service Supplier engaged in <u>the thorough examination, operational testing, repair and overhaul of lifeboats, launching appliances, on-load release gear and davit-launched liferaft automatic release hooks</u> carried out in accordance with SOLAS Reg. III/20 should be <u>qualified in</u> these operations for each make and type of equipment for which they provide the service, <u>and provide manufacturers documentary evidence that they have been so authorized or they are certified in accordance with an established system for training and authorization</u> in accordance with MSC.1/Circ.1277, as amended.</p> <p><newly added></p>	<p>Appendix Part A – Approval of Service Suppliers listed in IACS Z17</p> <p>1.~ 4. <omitted></p> <p>5. Firms engaged in servicing life saving appliances</p> <p>5.1 Firms engaged in servicing inflatable liferafts, inflatable lifejackets, hydrostatic release units, inflatable rescue boats, marine evacuation systems(Z17 Annex 1-5)</p> <p><same as current Guidance></p> <p>5.2. <u>Firms engaged in maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear (Z17 Annex 1-13) (2020)</u></p> <p>5.2.1 Extent of engagement <u>Maintenance, thorough examination, operational testing, overhaul and repair of:</u></p> <p><u>.1 lifeboats (including free-fall lifeboats), rescue boats and fast rescue boats; and</u></p> <p><u>.2 launching appliances and on-load and off-load release gear for lifeboats (including primary and secondary means of launching appliances for free-fall lifeboats), rescue boats, fast rescue boats and davit-launched liferafts.</u></p> <p>5.2.2 Extent of Approval</p> <p>(1) The contents of this procedure apply equally to manufacturers <u>or ship's operator</u> when they are acting as Service Suppliers.</p> <p>(2) Any Service Supplier engaged in <u>maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear</u> carried out in accordance with SOLAS Reg. III/20 shall be <u>approved for</u> these operations for each make and type of equipment for which they provide the service in accordance with IMO Res. MSC.402(96)/Corr.1 (annex, section7).</p> <p>(3) Such approval shall include, as a minimum:</p> <p><u>- employment and documentation of personnel certified in accordance with a recognized national, international or industry standard as applicable, or an equipment manufacturer's established certification program. In either case, the certification program shall be based on the paragraph 5.2.3 for each make and type of equipment for which service is to be provided; and,</u></p> <p><u>- compliance with provisions of paragraphs 5.2.4, 5.2.5 and 5.2.6</u></p>

Present	Amendments
<p>(3) In cases where an equipment manufacturer is no longer in business or no longer provides technical support, Service Suppliers may be <u>authorized</u> for the equipment on the basis of prior <u>authorization</u> for the equipment and/or long term experience and demonstrated expertise as an <u>authorized</u> Service Supplier.</p> <p>5.2.3 <u>Qualifications and Training of Personnel</u> <u>Service Suppliers should be trained and qualified in the operations for which they are authorized, for each make and type of equipment for which they provide the service. Such training and qualification should include, as a minimum:</u></p> <p>(1) <u>Employment and documentation of personnel certified in accordance with a recognized national, international or industry standard as applicable, or an equipment manufacturer's established certification program. In either case, the certification program should be based on the guidelines in the appendix for each make and type of equipment for which service is to be provided.</u></p> <p>(2) The education <u>and training</u> for initial certification of personnel should be documented and address, as a minimum:</p> <p>(A) Causes of <u>lifeboat</u> accidents</p> <p>(B) Relevant rules and regulations, including International Conventions</p> <p>(C) Design and construction of <u>lifeboats</u>, including <u>on-load</u> release gear and launching appliances</p> <p>(D) Education and practical training in the procedures <u>specified in annex 1 of MSC.1/Circ. 1206/ Rev.1</u> for which certification is sought</p> <p>(E) Detailed procedures for thorough examination, operational testing, repair and overhaul of <u>lifeboats</u>, launching appliances and <u>on-load</u> release gear, as applicable; <u>and</u></p> <p>(F) Procedures for issuing a report of service and statement of fitness for purpose <u>based on MSC.1/Circ.1206/Rev.1</u>(annex 1, paragraph 15)</p> <p><newly added></p>	<p>(4) In cases where an equipment manufacturer is no longer in business or no longer provides technical support, Service Suppliers may be <u>approved</u> for the equipment on the basis of prior <u>approval</u> for the equipment and/or long term experience and demonstrated expertise as an <u>approved</u> Service Supplier.</p> <p>5.2.3 <u>Certification of Personnel</u></p> <p>(1) <u>Personnel for the work specified in 5.2.1 shall be certified by the manufacturer or the Service Supplier for each make and type of the equipment to be worked on. Approved Service Supplier is allowed to certify its own personnel (i.e. employed by the same Service Supplier) only.</u></p> <p>(2) The education for initial certification of personnel should be documented and address, as a minimum:</p> <p>(A) Causes of lifeboat <u>and rescue boat</u> accidents</p> <p>(B) Relevant rules and regulations, including International Conventions</p> <p>(C) Design and construction of <u>lifeboats (including free-fall lifeboats), rescue boats and fast rescue boats</u>, including <u>on load</u> release gear and launching appliances</p> <p>(D) Education and practical training in the procedures specified in <u>section 6 of the annex to IMO Res. MSC.402(96)/Corr.1</u> for which certification is sought</p> <p>(E) Detailed procedures for thorough examination, operational testing, repair and overhaul of <u>lifeboats (including free-fall lifeboats), rescue boats and fast rescue boats</u>, launching appliances and <u>on load</u> release gear, as applicable;</p> <p>(F) Procedures for issuing a report of service and statement of fitness for purpose based on <u>IMO Res. MSC.402(96)/Corr.1</u> (annex, paragraph 5.3); <u>and</u></p> <p>(G) <u>Work, health and safety issues while conducting activities on board.</u></p>

Present	Amendments
<p>(3) The <u>education and training</u> for the personnel <u>should</u> include practical technical <u>training on actual inspection and maintenance</u> using the equipment (<u>lifeboats, launching appliances and/or on-load release gear</u>) for which the personnel are to be certified. The technical training <u>should</u> include disassembly, reassembly, correct operation and adjustment of the equipment. Classroom training <u>should</u> be supplemented by field experience in the operations for which certification is sought, under the supervision of <u>an experienced senior certified person</u>.</p> <p>(4) At the time of initial certification and at each renewal of certification, the Service Supplier shall provide documentation to verify personnel's satisfactory completion of a competency assessment using the equipment for which the personnel are certified: (newly added)</p> <p>(5) <u>The Service Supplier shall require refresher training as appropriate to renew the certification.</u></p> <p>5.2.4 Reference Documents The Service Supplier is to have access to the following documents:</p> <p>(1) <u>MSC.1/Circ.1206/Rev.1, as amended, Measures to Prevent Accidents with Lifeboats</u></p> <p>(2) <u>MSC.1/Circ.1277, as amended, Interim Recommendation on Conditions for Authorization of Suppliers for Lifeboats, Launching Appliances and On-Load Release Gear</u></p>	<p>(3) The training for the personnel <u>shall</u> include practical technical training on <u>thorough examination, operational testing, maintenance, repair and overhaul techniques</u> using the equipment for which the personnel are to be certified. The technical training <u>shall</u> include disassembly, reassembly, correct operation and adjustment of the equipment. Classroom training <u>shall</u> be supplemented by field experience in the operations for which certification is sought, under the supervision of certified person.</p> <p>(4) <u>Prior to issuance of personnel certification, a competency assessment shall be satisfactorily completed, using the equipment for which the personnel are to be certified.</u></p> <p>(5) <u>Upon completion of training and competency assessment, a certificate shall be issued defining the level of qualification and the scope of the certification (i.e. makes and types of equipment and specifically state which activities (annual thorough examination and operational tests; 5-year thorough examination, overhaul; overload operational tests; repairs) are covered by the certification). The expiry date shall clearly be written on the certificate and shall be three years from the date of issue. The validity of any certificate shall be suspended in the event of any shortfall in performance and only revalidated after a further competency assessment.</u></p> <p>(6) <u>A competency assessment shall be conducted to renew the certification. In cases where refresher training is found necessary a further assessment shall be carried out after completion.</u></p> <p>5.2.4 Reference Documents <i>(2020)</i> The Service Supplier is to have access to the following documents:</p> <p>(1) <u>IMO Res. MSC.402(96)/Corr.1, Requirements for Maintenance, Thorough Examination, Operational Testing, Overhaul and Repair of Lifeboats and Rescue Boats, Launching Appliances and Release Gear</u></p>

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<p>(3) <u>IMO Res.A.689(17)</u>, recommendation on testing of life-saving appliances and, for life-saving appliances installed on board on or after 1 July 1999, <u>Res. MSC.81(70)</u>, revised recommendation on testing of life-saving appliances</p> <p>(4) <u>For servicing and repair work involving disassembly or adjustment of on-load release mechanisms, availability of the equipment manufacturer's specifications and instructions</u></p> <p>(5) Type Approval certificate showing any conditions that may be appropriate during the servicing and/or maintenance of lifeboats, launching appliances and on-load release gear</p> <p>5.2.5 Equipment and Facilities The Service Supplier is to have <u>access to</u> the following:</p> <p>(1) Sufficient tools, and in particular any specialized tools specified in the equipment manufacturer's instructions, including portable tools as needed for work to be carried out on board ship</p> <p>(2) Access to <u>sufficient materials, spare parts and accessories as specified by the equipment manufacturer for repairing lifeboats, launching appliances and on-load release gear, as applicable</u></p> <p>(3) For servicing and repair work involving disassembly or adjustment of on-load release mechanisms, availability of genuine replacement parts as specified or supplied by the equipment manufacturer</p>	<p>(2) <u>IMO Res.A.689(17)</u>, recommendation on testing of life-saving appliances and, for life-saving appliances installed on board on or after 1 July 1999,</p> <p>(3) <u>IMO Res. MSC.81(70)</u>, <u>as amended</u> revised recommendation on testing of life-saving appliances</p> <p>(4) <u>Manufacturer's instructions (including updates, amendments and safety notices) for repair work involving disassembly or adjustment of on-load release mechanisms and davit winches.</u></p> <p>(5) Type Approval certificate showing any conditions that may be appropriate during the servicing and/or maintenance of lifeboats, launching appliances and on-load release gear</p> <p>5.2.5 Equipment and Facilities <i>(2020)</i> The Service Supplier is to have the following:</p> <p>(1) Sufficient tools, and in particular any specialized tools specified in the equipment manufacturer's instructions, including portable tools as needed for work to be carried out on board ship</p> <p>(2) Access to <u>appropriate parts and accessories as specified by the equipment manufacturer for maintenance and repair</u></p> <p>(3) For servicing and repair work involving disassembly or adjustment of on-load release mechanisms, availability of genuine replacement parts as specified or supplied by the equipment manufacturer</p>

Present	Amendments
<p>5.2.6 Reporting The report <u>should</u> conform to the requirements of <u>MSC.1/ Circ.1206/Rev.1 (annex 1, paragraph 15)</u>. When repairs, thorough examinations and annual servicing are completed, a statement confirming that the lifeboat arrangements remain fit for purpose should be promptly issued by the <u>Service Supplier</u>.</p> <p>5.2.7 Other requirements (1) <u>Procedures and instructions</u> <u>The Service Supplier shall have documented procedures and instructions for how to carry out service of equipment. The procedures should include requirements to record the nature and extent of damages to and defects found in equipment during servicing and repair work. This data shall be made available to the Society upon request.</u></p> <p>(2) <u>The Service Supplier shall provide evidence that it has been authorized or licensed to service the particular makes and models of equipment for which approval is sought by the equipment's manufacturer.</u></p> <p>⟨hereafter, omitted⟩</p>	<p>5.2.6 Reporting <i>(2020)</i> The report <u>shall</u> conform to the requirements of <u>IMO Res. MSC.402(96)/Corr.1 (annex, paragraph 5.3)</u>. When repairs, thorough examinations and annual servicing are completed, a statement confirming that the lifeboat arrangements remain fit for purpose should be promptly issued by the Service Supplier <u>that conducted the work. A copy of valid documents of certification and authorization as appropriate shall be included with the statement.</u></p> <p>⟨hereafter, same as the current Guidance⟩</p>