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## **UNIFIED INTERPRETATION OF SOLAS REGULATION II-1/3-5**

1 The Maritime Safety Committee, at its ninetieth session (16 to 25 May 2012), with a view to ensuring a uniform approach towards the application of the provisions of SOLAS regulation II-1/3-5, and following a recommendation made by the Sub-Committee on Ship Design and Equipment, at its fifty-sixth session, approved the annexed unified interpretation concerning the means by which compliance with SOLAS regulation II-1/3-5 is achieved.

2 In this context, it is recalled that 1 January 2011 was the entry-into-force date of the amendments to SOLAS regulation II-1/3-5 adopted by resolution MSC.282(86) and the date on which the interpretation of the term "new installation of materials containing asbestos" as contained in MSC.1/Circ.1379 became effective.

3 The Maritime Safety Committee, at its ninety-seventh session (21 to 25 November 2016), approved the amendments to the Unified interpretation of SOLAS regulation II-1/3-5 (MSC.1/Circ.1426), replacing all references to resolution MEPC.197(62) with references to resolution MEPC.269(68) and adding the footnote providing a definition of "materials containing asbestos" to paragraph 2 of the annex to MSC.1/Circ.1426.

4 Member Governments are urged to implement as soon as possible the annexed interpretation when verifying compliance with SOLAS regulation II-1/3-5 and to bring it to the attention of all parties concerned.

5 This circular supersedes circular MSC.1/Circ.1426.

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## ANNEX

### UNIFIED INTERPRETATION ON IMPLEMENTATION OF SOLAS REGULATION II-1/3-5 AND MSC.1/Circ.1379

#### Interpretation of SOLAS regulation II-1/3-5

1 Administrations or recognized organizations acting on their behalf should verify that materials which contain asbestos, as prohibited under SOLAS regulation II-1/3-5, are not installed on ships by reviewing asbestos-free declarations and supporting documentation for the structure, machinery, electrical installations and equipment covered by the SOLAS Convention, which should be provided to the Administration or recognized organization by shipyards, repair yards and equipment manufacturers, taking into account appendix 6 of the 2015 Guidelines for the development of the inventory of hazardous materials (resolution MEPC.269(68)).

#### Interpretation of MSC.1/Circ.1379

2 The phrase "new installation of materials containing asbestos"<sup>1</sup> in MSC.1/Circ.1379:

- .1 means that material used (i.e. repaired, replaced, maintained or added) as a working part of the ship as per the appendix should be documented with an asbestos-free declaration. The Administration or recognized organization should audit this documentation, in consultation with the company's nominated person responsible to control asbestos-containing material on board as per the Safety Management System in accordance with the *Guidelines for maintenance and monitoring of on-board materials containing asbestos* (MSC/Circ.1045), during annual safety construction and safety equipment surveys; and
- .2 does not preclude the stowage of material which contains asbestos on board (e.g. spare parts existing on board as of 1 January 2011).

3 The phrase "should not be permitted to be installed after 1 January 2011 as a working part" in MSC.1/Circ.1379 means that replacement, maintenance or addition of materials which contain asbestos used for the structure, machinery, electrical installations and equipment covered by the SOLAS Convention is prohibited.

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<sup>1</sup> "Materials containing asbestos" means that asbestos is present in the product/material above the threshold value stipulated in row A-1 of the table A of appendix 1 of resolution MEPC.269(68).

**APPENDIX**

<b>Structure and/or equipment</b>	<b>Component</b>
Propeller shafting	Packing with low pressure hydraulic piping flange Packing with casing Clutch Brake lining Synthetic stern tubes
Diesel engine	Packing with piping flange Lagging material for fuel pipe Lagging material for exhaust pipe Lagging material turbocharger
Turbine engine	Lagging material for casing Packing with flange of piping and valve for steam line, exhaust line and drain line Lagging material for piping and valve of steam line, exhaust line and drain line
Boiler	Insulation in combustion chamber Packing for casing door Lagging material for exhaust pipe Gasket for manhole Gasket for hand hole Gas shield packing for soot blower and other hole Packing with flange of piping and valve for steam line, exhaust line, fuel line and drain line Lagging material for piping and valve of steam line, exhaust line, fuel line and drain line
Exhaust gas economizer	Packing for casing door Packing with manhole Packing with hand hole Gas shield packing for soot blower Packing with flange of piping and valve for steam line, exhaust line, fuel line and drain line Lagging material for piping and valve of steam line, exhaust line, fuel line and drain line
Incinerator	Packing for casing door Packing with manhole Packing with hand hole Lagging material for exhaust pipe
Auxiliary machinery (pump, compressor, oil purifier, crane)	Packing for casing door and valve Gland packing Brake lining
Heat exchanger	Packing with casing Gland packing for valve Lagging material and insulation

Structure and/or equipment	Component
Valve	Gland packing with valve, sheet packing with piping flange Gasket with flange of high pressure and/or high temperature
Pipe, duct	Lagging material and insulation
Tank (fuel tank, hot water, tank, condenser), other equipment (fuel strainer, lubricant oil strainer)	Lagging material and insulation
Electric equipment	Insulation material
Airborne asbestos	Wall, ceiling
Ceiling, floor and wall in accommodation area	Ceiling, floor, wall
Fire door	Packing, construction and insulation of the fire door
Inert gas system	Packing for casing, etc.
Air-conditioning system	Sheet packing, lagging material for piping and flexible joint
Miscellaneous	Ropes Thermal insulating materials Fire shields/fire proofing Space/duct insulation Electrical cable materials Brake linings Floor tiles/deck underlay Steam/water/vent flange gaskets Adhesives/mastics/fillers Sound damping Moulded plastic products Sealing putty Shaft/valve packing Electrical bulkhead penetration packing Circuit breaker arc chutes Pipe hanger inserts Weld shop protectors/burn covers Fire-fighting blankets/clothing/equipment Concrete ballast

**Note:** The above list is taken from resolution MEPC.269(68), appendix 5, paragraph 2.2.3.2.