



SHIPS CLASSIFICATION MALAYSIA

SCM CIRCULAR

**TO SHIPOWNERS, SHIPYARDS, MASTERS,
AGENTS AND RELEVANT INTEREST PARTIES**



QUALITY MATTERS

Issue No

5/2012

Issue Date

23 NOVEMBER 2012

TITLE

- **New installations of materials containing asbestos.**

Owners and managers of Malaysian vessels are hereby informed that after 01 July 2012, the installation material and equipment containing asbestos is **prohibited** for new & existing vessel. (see annex 5)

1) APPLICATION:

Ships above 500GT engaged in international voyages (ships not engaged in international voyages to comply with the instruction of the flag administration)

2) SURVEY

(a) New ships: Ships constructed on or after 1 July 2012.

SCM verifies an asbestos-free declaration and supporting documentations at classification survey during Construction.

(b) Ship In Service: Periodical surveys on or after 1 July 2012

SCM verifies asbestos-free declaration and supporting documentations to ensure equipment, installations and parts, etc. [which have been newly installed i.e., repaired, replaced, maintained or added on or after 1st July 2012] do not contain asbestos.

In this respect, the owner of the management company is requested to provide include procedures within the Safety Management System to including the nomination of responsible person(s) to monitor and ensure that newly installed materials onboard do not contain asbestos.

3) PREPARATIOANS

a) New ships: builder required to submit the asbestos-free declaration via 'Declaration of Conformity' (*refer to annex 1*) prepared by the shipyard and supporting documentations that indicates materials containing asbestos are not installed or used onboard the vessel.

Applications on equipment, installations and parts, etc. listed in Annex 5 as attached in this circular.

The term 'supporting documentation' here means documents declared by the suppliers that the products supplied are made of materials which do not contain asbestos, for example

- Analysis results of asbestos
- asbestos free documentation issued by an accredited certification body
- Product supplier's circulars, or

- Product supplier's declaration such as Supplier's Material Declaration (for product supplier: Annex 3& 4)

(b) Ships in service: Shipowner to prepare the declarations 'Non-use of materials containing asbestos' and supporting documentations (same as [a]) for new installations on or after 1st July 2012 should they are not using materials which contain asbestos.

Please take note, the declarations or supporting documentations are not required for products which are kept as spares in store or other places. However, those documents are necessary, when these spares come in to use.

Reminder:

There is no specific form of declaration. However, following samples are attached for your reference

- IACS Unified Interpretation SC249, as Annex 5
- Declaration of conformity for new shipment, see Annex 1
- Declaration of non use materials containing asbestos see Annex 2
- Suppliers Material Declaration, see Annex 3 and Annex 4

DECLARATION OF CONFORMITY

Asbestos free construction in accordance with SOLAS Regulation II-I/3-5

This is to declare that;

Name of Shipyard:

.....

Has constructed the following ship in accordance with *SOLAS Regulation II-I/3-5 and therefore the ship does not contain asbestos*

Name of Ship	
Distinctive number of letters	
Port of Registry	
IMO Number	
Hull Construction Number	
Keel laying Date (or ship at similar stage of construction)	
Delivery Date	

This declaration is based upon the following Requirements and procedures of the shipyard

SOLAS Regulation II-I/3-5, New installation of Asbestos

IMO MSC.1/Circ.1379

ISO 9001

ISO 30007

IMO MSC. 1/CIRC.1426

Other shipyard relevant internal procedures (to be listed):

Place	
Date	

Sign and company stamp

Name	
Position	
Title	

DECLARATION

TITLE	NON –USE OF MATERIALS CONTAINING ASBESTOS
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NAME OF SHIP	
CLASS NUMBER	
IMO NUMBER	

It is hereby declared that there was no new installation of materials containing asbestos on board for the following product(s) (see attached) and the period:

FROM	<i>(e.g Last periodical survey ,1 July 1972, dock/repair period)</i>
TO	

PLACE:

DATE : (...../...../.....)

Place	
Date	

Sign and company stamp

Name	
Position	
Title	

(for master ,chief engineer, representatative of the company/repair yard/supplier/repairer etc

SUPPLIER'S MATERIAL DECLARATION

-ASBESTOS-

REF:
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Hereby declares that asbestos is not containing the following product(s)

*manufactured on or after dd/mm/yy

*delivered on dd/mm/yy

including spare part and supplies.

*: as delete appropriately

Company name:

Product(s)/Type name:

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

Place	
Date	

Sign and company stamp

Name	
Position	
Title	

SUPPLIER'S MATERIAL DECLARATION

-ASBESTOS-

REF:

.....

Company name:

.....

Hereby declares that our products have not contained asbestos after date;

...../...../.....

Of the delivery/production date

Place	
Date	

Sign and company stamp

Name	
Position	
Title	

Implementation of SOLAS II-I, Regulation 3-5 and MSC.1/Circ.1379

SOLAS Chapter 11-1, Regulation 3-5

From 1 January 2011, for all ships, new installation of materials which contain asbestos shall be prohibited."

MSC.1/Circ.1379

"In the context of this regulation, new installation of materials containing asbestos means any new physical installation on board. Any material purchased prior to 1 January 2011 being kept in the ship's store or in the shipyard for a ship under construction, should not be permitted to be installed after 1 January 2011 as a working part."

Unified Interpretations

SOLAS 11-1, Regulation 3-5

1. Verification that *"new installation of materials which contain asbestos"* under SOLAS 11-1/3-5 is not made on ships requires the Recognized Organization to review asbestos-free declarations and supporting documentation, for the structure, machinery, electrical installations and equipment covered by the SOLAS Convention, which is to be provided to the Recognized Organization by shipyards, repair yards, and equipment manufacturers for

-new construction (keel laid, or at a similar stage of construction, on or after 1st July 2012)

-conversion (contract date for the conversion or, in the absence of a contract, the date on which the work identifiable with the specific conversion begins) on or after 1st July 2012;

2. The phrase ‘new installation of materials containing asbestos’ in MSC.1/Circ.1379:
 - means that material used (i.e., repaired, replaced, maintained or added) as a working part of the ship as per Annex 1 which is installed on or after 1 July 2012 is required to be documented with an asbestos-free declaration. The Recognized Organization will, in consultation with the Company's nominated person responsible to control asbestos- containing material onboard as per the Safety Management System in accordance with MSC/Circ.1045, audit this documentation during annual safety construction and safety equipment surveys; and
 - does not preclude the stowage of material which contains asbestos onboard (e.g., spare parts existing on board as of 1 July 2012).

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 used for the structure, machinery, electrical installations and equipment covered by the SOLAS Convention which contain asbestos is prohibited.

<i>Structure and/or equipment</i>	<i>Component</i>
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, Pipe, duct	Gland packing with valve, sheet packing with piping flange Gasket with flange of high pressure and/or high temperature Lagging material and insulation
Tank (fuel tank, hot water, tank, condenser), other equipments (fuel strainer, lubricant oil strainer)	Lagging material and insulation
Electric equipment Ceiling, floor and wall in accommodation area	Insulation material 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