

CCS Circular

China Classification Society

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To: relevant departments of CCS Headquarters, branches, CCS surveyors, shipyards, ship-breakers, repairing yards, product manufactories, ship-owners and operators.

Notice of the Implementation of Approvals of Asbestos-free Products

Resolution MSC.282 (86) was issued by IMO on June 5th, 2009 which is amendment of SOLAS. It is required that, all the vessels are forbidden to use asbestos-included materials from the day of January 1st, 2011.

2 circulars about asbestos have been issued by the 88th convention of MSC which ended on December 2nd 2010, in which MSC.1/Circ.1389-the one forbids the use of asbestos informs that:

1. Most asbestos is used on board in materials where it cannot easily be identified visually
 2. Maritime Administrations, recognized organizations, shipbuilders and ship repairers, equipment suppliers and all other parties concerned should pay more attention to the asbestos problem.
 3. It is recommended that random confirmations should be carried out to vessel even with “asbestos free declaration”.
 4. Underline the importance of proper training to the crew, especially surveyors and inspectors in detecting asbestos and asbestos containing materials on board ships;
 5. New installation of asbestos containing materials is prohibited.
 6. Stress the importance of Maritime Administrations taking appropriate action in case asbestos containing materials are found on board ships, in contravention of the aforementioned provisions of the SOLAS Convention
 7. When asbestos is detected on board ship, it should be removed by professional asbestos removal companies, and the action should be done within a time frame of 3 years and should be conducted under the supervision of the flag State concerned. (In such cases, a suitable exemption certificate should be issued by the flag State)
- The other circular MSC.1/Circ.1379 –SOLAS 2000 amendment II-1/3-5 Circular, clearly defines the meaning of “new installation of materials containing asbestos”:

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.

According to Hong Kong International Convention for the Safe and

Environmentally Sound Recycling of Ships issued by IMO on May 15th, 2009, asbestos was listed in appendix I - “controls of hazardous materials”, any use of asbestos containing materials is prohibited to all the ship buildings.

In order to make it convenient for ship owners, shipyards and marine product manufacturers to execute requirements mentioned in above conventions and circulars, and also to easily select reliable asbestos-free products, CCS has constituted relevant procedures to offer the approval services of asbestos-free products. As the third party, CCS will offer compliance verification on whether the marine products contain asbestos. This circular makes regulations on general requirements for approving asbestos-free marine products, requirements for manufacturers, and issuing, renewal, modification and cancellation of certificate.

A. General Requirements

1. Asbestos-free products certificate cannot substitute the applicant to bear the responsibilities. Applicant should produce products in compliance with approved supplier's list or other approved documents. Meanwhile, Asbestos Free Declaration (see Appendix1) is required to be provided to clients.
2. The Approval certificate of asbestos-free product only certify the non-asbestos of the products base on the test according to the approved supplier list of nonmetal material and part, does not replace any other certification requirement of CCS' Rules.
3. In case certification is required by CCS' Rules for the product being applied for approval of asbestos-free, the product needs to satisfy the certification requirements of CCS' Rules firstly. Otherwise, applicant can apply for the asbestos-free certificate directly.

B. Requirements for manufacturers:

1. Applicants should fill in the application of approval, and submit the application to CCS local branch attached with relevant documents (see Appendix 2) in duplicate for review.
2. Product manufacturer has the responsibility and obligation to ensure that no asbestos was used in marine products.
3. Product manufacturer should set up an effective management system in approved products, produce the product in compliance with supplier's list approved by CCS, and ensure that each batch of products has no asbestos included.
4. Manufacturer should provide an active cooperation and necessary for CCS in the course of approval and accept additional audit when CCS has justifiable doubt about the efficiency and consistency of the certificate after approval.
5. If nonmetal materials and components used in products are going to be changed after approval, related changes are to be approved by CCS. Where deemed necessary, the surveyor will go to witness relevant tests and conduct inspection and the results should be able to demonstrate compliance with the approval conditions.

C. Approved certificate

1. The issue of approved certificate: according to the documents and information provided by the manufacture (Approval certificate of asbestos-free, test reports or standards for components), the CCS local branch would issue Approval certificate of asbestos-free after ensuring no asbestos included in the products by recognizing nonmetal raw material and taking a sample test on raw material that may contain asbestos.
2. The term of validity of Approval certificate of asbestos-free is 4 years.
3. Renewal of certificate: a written application should be sent to CCS within 3 month before the expiry date of old certificate. Meanwhile, CCS should be informed of any relevant changes about product design.
4. Modification of certificate: applicant must inform CCS and apply for the modification of certificate when applicant wants to change the scope of approved product, or change product design and technology of production. CCS will issue the new certificate after inspection or testing.
5. Invalidation, suspension, and cancellation of approved certificate: refer to item 3.1.8 in part 1, chapter 1 of 《Rules and Regulations of Constructions and Classification of Sea-going Steel Ships》
Manufacturer should not only supervise and control product and changes during its process, but also report to CCS and accept audit for those involving variation of efficiency of approval certificate. The following condition would directly cause the invalidation of approval certificate:
 - 1) Any change of nonmetal raw material and parts supplier without CCS approval within valid date,.
 - 2) Refuse to accept additional audit without valid excuse, or there is adequate evidence indicating that product is not in conformity with the approval certificate.
 - 3) The product that already obtained CCS Type approval certificate or Works approval certificate, however, these certificates has been invalidated, suspended, or revoked.
6. The product obtained CCS Approval certificate of asbestos-free as well as its manufacturer would be enter into the List of Approved Marine Product published by CCS and also would be issued to the public.

Any marine product manufacturer can apply for the approval to the CCS local branch from the date of implementation of this circular. Each CCS branch is requested to carry out approval and certificate according to this circular.

This circular is effective from 1st June, 2011.

Please feel free to contact Newbuilding department of CCS for any inquiry (Email:ps@ccs.org.cn)

This Circular is available on www.ccs.org.cn and should be forwarded by each branch to relevant shipyards, ship owners, designers, service firm of inspection & testing and product manufacturers within its business area.

Appendix 1: Form of asbestos-free declaration

Appendix 2: information list of application for approval

附件 1

无石棉声明/Declaration of Asbestos-free

1、文件编号/Document No.:

2、产品制造商信息/Manufacturer Information:

公司名称/Company Name	
公司地址/Company Address	
联系人/Contact person	
电话号码/Telephone Number	
传真号码/FAX Number	
电子邮件地址/E-mail Address	

3、产品信息/Product Information

产品名称/Product Name	
产品型号/Type	
产品编/批号 (如适用) Serial/batch Number (If applicable)	
产品数量 (如适用) Product Quantity (If applicable)	
产品其它信息/Other Information	

4、我公司声明上述产品不含有石棉物质，符合下面第 5 条所述的相关规则的要求/This company declares the product(s) described above are asbestos-free and in conformity with the relevant regulation(s) of the following document(s) as listed under 5.

5、适用的规则和其它规定的要求/Applicable Regulation(s) or other stipulated Requirement(s).

文件编号 /Document No.	标题/Title	版本号/Edition	生效日期/Valid from
MSC.282(86)	Adoption of Amendments to the International Convention for the Safety of Life at Sea, 1974, as Amended – (adopted on 5 June 2009) - Annex – Amendments to the International Convention for the Safety of Life at Sea, 1974, as Amended		June 5, 2009

签署人姓名/职务(Name/Job title): _____

签名/公司印章(Signature/Corporate Seal): _____

签署日期(Date of issue): _____

Appendix 2: information list of application for approval

- 1) Application of approval
- 2) Supplier list of all nonmetal raw material and parts for applied product
- 3) The sample schedule for applied product inspection test.
- 4) Product assembly diagram indicates the position of nonmetal material and parts, or the general list of the parts elements of product. (while applicable)
- 5) Supporting documents for remitting sample test of material and parts:
 - a) Standard of chemical elements for material and components;
 - b) Asbestos Free Declaration from manufacturer of material and components, and test report of asbestos-free for material and components issued by laboratory accepted by CCS;
 - c) CCS Approval certificate of asbestos-free of raw material and components.
- 6) CCS Type approval certificate or Works approval certificate (In case certification is required by CCS' Rules).
- 7) Quality control plan which ensure the continuous production free of Asbestos.
- 8) Manufacturer's Asbestos Free Declaration.