

BK Maritime

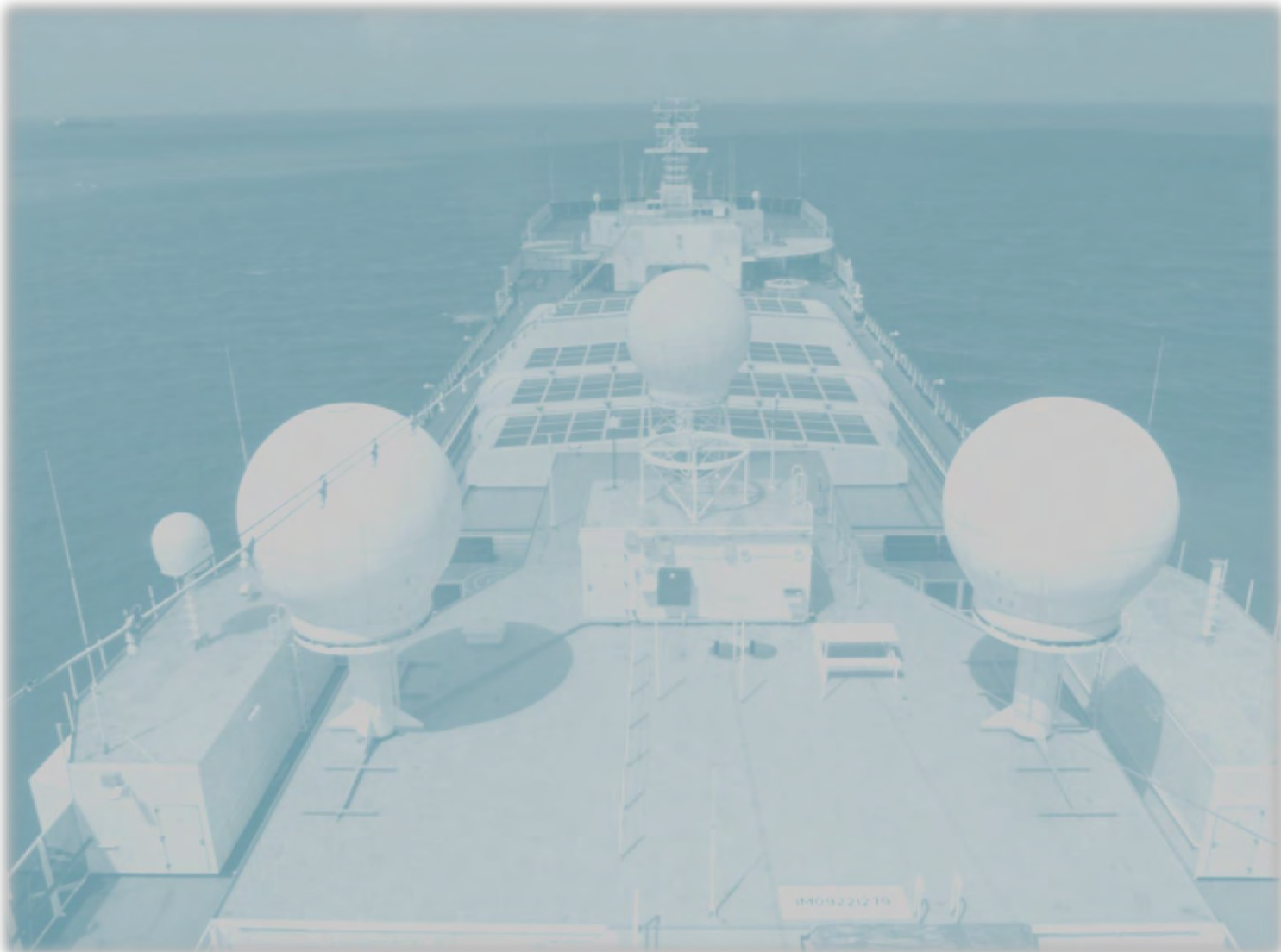
Provides a safe work environment

Qualify your fleet for a
“Green Passport” and
gain entry to all ports

Recognize the benefits to
health, environment and
investment

Making plans is
working together





BK Maritime Worldwide contact list

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BK Maritime Worldwide – part of BK Ingenieurs

Inventory of Hazardous Materials (I.H.M.), Asbestos Surveys and advice in Maritime and Offshore issues.

BK Maritime comprises a professional efficient team, forged through shared experience and training, with the desire to provide accurate information, whilst assuring quality.

Our team are licensed, registered asbestos inventory experts (D.I.A.), as well as Fully approved HazMat experts (DNV-GL), able to survey all types of ships, offshore platforms and related buildings and recycle facilities. BK Maritime operate in accordance to the latest, relevant Dutch SC- 540 asbestos regulations and in accordance with applicable I.M.O. SOLAS and MARPOL regulations throughout the world.

BK Maritime is multilingual and has worldwide experience with all types of shipping. This experience includes salvage inspections, fire damage, ship refit strategy, inspections for flag state and non-flag state, asbestos inventories and supervision of asbestos removal on ships and Offshore platforms, including the associated Offshore accommodation structures, buildings and dry docks.

BK Maritime is able to serve clients from their offices in The Netherlands and Curacao. We operate 24/7.

The Inventory of hazardous materials includes:

For new builds

- Verifying the ships data and specification.
- Identifying the relevant suppliers.
- Collection of Material Declarations (MDs) and Supplier's Declaration of Conformity (SDoC).
- Preparation of Material Declaration documentation and the I.H.M.

For ships in operation

- I.H.M. pre- planning, including a review of the documentation.
- Preparation of the visual /sampling check plan.
- Communication and planning together with the vessels management and arrangements relating to laboratories.
- Onboard survey, including visual inspection, material sampling and review of onboard records.
- The analysis of material samples using certified laboratories.
- Interpretation of results and issuance of the I.H.M. report.

The I.M.O. guidelines for this inventory are laid down in the 'Hong Kong Convention for the safe and environmentally sound recycling of ships' (SR/CONF/45).

The responsibility of the (I.H.M.) lies indirectly with the ship or fleet owner, or rather more directly with the ships technical management.

In regulation 5 of the convention, it is stated that all types of ships above >500 GT shall have on board, an Inventory of Hazardous materials (I.H.M.).

In order to control and enforce the I.H.M. the following parties share responsibility:

Flag state (Administration) which may make use of Recognized Organizations (RO) and Port State Control and Recycling state (Competent Authorities).

IMO circular and guidelines for PSC

The Netherlands submitted a proposal to the I.M.O. which finally resulted in the MSC.1/CIRC. 1374, information on prohibiting the use of asbestos on board ships and introduced a paper in the Paris Memorandum of Understanding on Port State Control (PMoU), which resulted in a guideline, in order to increase the awareness of the use of asbestos on board ships.

The Netherlands Shipping Inspectorate is of the opinion that this instruction, "ban on the use of asbestos on board ships" is a temporary solution to reduce the asbestos containing materials with the delivery of new ships and to have procedures in place for ships delivered after the 1st of July 2002 and after the 1st of January 2011, in compliance with the MSC.1/CIRC.1374.

Here the I.H.M. (Part 1) is a dynamic document and has to be continually up-dated (maintenance, repair and conversions), this is the responsibility of the ships owners, or the delegated person (this may be tasked to the contracted HazMat expert).

This initial document forms part of "The Green Passport".



BK Maritime offers its expertise and will relieve you of the required steps for collecting and compiling the information. This includes the continual updating of Part 1 inventory (whilst the ship is in use or production, up to the recycling of the vessel) so there is virtually no effort on the part of the ship owner, ship management or shipyard. This process has already become an industry best- practice standard and stakeholders recognize the benefits of compliance to current and upcoming regulations (SOLAS, MARPOL), an image as a green company, higher re-sale values for ships, mitigation of risks for health, the environment and investments.

European Union Ship recycling regulations

The new EU Ship Recycling Regulations states that EU-flagged vessels of 500 GT and over will be required to carry an Inventory of Hazardous Materials (IHM). When calling at EU ports, vessels from non-EU countries will also be required to carry an IHM identifying all hazardous materials on board. EU-flagged vessels must also be scrapped in an approved ship recycling facility. EU-flagged new builds are required to have onboard a verified IHM with a Statement of Compliance at the earliest by 31 December 2015. The new European Regulation on ship recycling (EURSR) which has entered into force at the end of 2013 and the Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships, adopted in May 2009, place responsibility on ship owners, ship builders, suppliers, recycling facilities and national authorities to ensure the safe and environmentally viable management of Hazardous materials and the sustainable recycling of ships. The Port state control of all European Ports are authorized to check if the Captain or ship recycle facility indeed are in possession of an I.H.M. or an International Ready for Recycling certificate (I.R.R.C.).



Services

BK Maritime have the trained personnel, qualified in VCA-Safety managers.

This, together with Dutch SC-540 asbestos inspections, is a useful tool for management plans and on board presentations, to all crew and management.

The experts of BK Maritime also offer the following services:

- License management
- Vibration management
- Instruction and training
- Advice regarding storage and use of hazardous materials
- Research and measurements regarding noise pollution
- Energy use and light measurements
- Air quality measurements
- Fire prevention and safety
- Providing and detaching personnel on temporary or permanent basis
- Initiative sustainable shipping, including LNG
- QHSE- support including risk inventory and evaluation
- Physical research regarding dampness and temperature durability
- Certification guidance
- Maintenance plans

Asbestos surveys conform the Dutch SC-540 Regulations

The surveyors at BK Maritime are qualified to conduct asbestos surveys, according to the relevant guidelines.

Prohibited an yet.....

In the 1960's up until the 1980's, asbestos was frequently used. Since 2006, there is a total ban in force in the Dutch Offshore and Maritime industry. Nevertheless, foreign material suppliers are still offering asbestos containing products. Ensuring a safe work place is one of the principles in the relationship between employer and employee. Everyone on board has the right to a safe working environment. The presence of asbestos and other hazardous materials is a daily risk, especially if unknown as to which types of materials are used and where they are located.





Safe use and removal.....

In order to prevent your personnel from being exposed to hazardous materials including asbestos during refit and recycling activities. A survey is a must. BK Maritime will handle this survey for you, according to the relevant SC-540 guidelines, a legal prerequisite in The Netherlands for all refit and recycling works.

The experienced (DIA) surveyors of BK Maritime are available to chart, identify and report all asbestos suspicious materials aboard your ships, offshore platforms, inland ships including wharfs, shipyards and recycle facilities.

An asbestos survey may also form part of your Quality, Health, Safety & Environment/Maintenance plan.

BK Maritime provide the following QHSE support:

- Risk inventory & Evaluation (RI&E)
- Instruction and training
- Asbestos awareness presentations
- Ships asbestos management plan and cost analyses for the removal thereof.

BK Maritime is available for all Offshore platforms, including asbestos inspections on support and auxiliary vessels at sea and at recycle /refit facilities ashore. Windmill parks are also included in our scope of work.

BK Maritime is a member of IJPOS (Ijmuiden Port and Offshore Services) the leading organization of harbor related company's in IJmuiden. BK Maritime is also a member of AMPORTS, the regional promotional organization for all seaports on the North Sea canal.

References



Chemical + Product tanker
(outsourced personnel)



Oil / chemical tanker
(outsourced personnel)



General cargo
(outsourced personnel)



General cargo
(outsourced personnel)



TVG supply
(outsourced personnel)



Dredger
(outsourced personnel)



General cargo
(outsourced personnel)



Side dumping
(outsourced personnel)



Side dumping
(outsourced personnel)



Bulk carrier



Bulk carrier



Bulk carrier



Bulk carrier



Offshore supply ship
(outsourced personnel)



Cargo carrier



Vista class cruise ship



Semi submersible crane
(outsourced personnel)



Motor yacht / fire fighter



Research / survey vessel



Restaurant



Military coast guard vessel



Steam ship / ice breaker

Approval Certificate

APPROVAL CERTIFICATE

DNV·GL

This is to certify, that the undernoted company has been approved in accordance with the relevant requirements of the DNV GL Approval System.

Certificate No. **11 442 - 14 HH**

Company **BK Ingenieurs B.V.**
Dokweg 17A
Dokweg 17A IJmuiden, NETHERLANDS

Description **Preparation of Inventory of Hazardous Materials on board ships according to Resolution MEPC.197(62)**

Technical Data/
Application **Further certifications:**
- Certification according to ISO 9001:2008 issued by SGS
(certificate No. EN-313/11)
- Asbestos survey certificate according to SC-540 issued by Eerland
Certification (certificate No. 07-D070083)

Approval Standard **VI, 12, 2 Guidelines for ship recycling related certification processes**

Documents **Preparation of Inventory of Hazardous Materials in compliance with the "Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships, 2009" (SR/CONF45) and the "Guidelines for the Development of the Inventory of Hazardous Materials" (Resolution MEPC.197(62))**

Remarks **None**

Valid until **2017-09-23**

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Hamburg, 2015-04-02

DNV GL


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