



**SHIPS CLASSIFICATION MALAYSIA**

# SCM CIRCULAR

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



**QUALITY MATTERS**

Issue No	03/2016	Issue Date	15 JUNE 2016
----------	---------	------------	--------------

TITLE	<b>WATER MIST LANCE FIRE EXTINGUISHING FOR NEW CONTAINER SHIP BUILT JANUARY 2016</b>
-------	--

To All Owners, Managers, Ship Builder and Designer of Malaysian Vessels,

1. This is to remind all related parties in pursue of **SCM Circular 10/2015; List of IMO Obligatory Requirements Entering into Force in 2016** dated 17 December 2015. SOLAS Regulation II-2/10 was amended to now require that new ships designed to carry containers on/above the weather deck be fitted with at least one water mist lance consisting of a tube with a piercing nozzle which is capable of penetrating a container wall and producing water mist inside the container when connected to the fire main (see Figure 1). This is in addition to the required fixed fire-extinguishing systems and appliances.

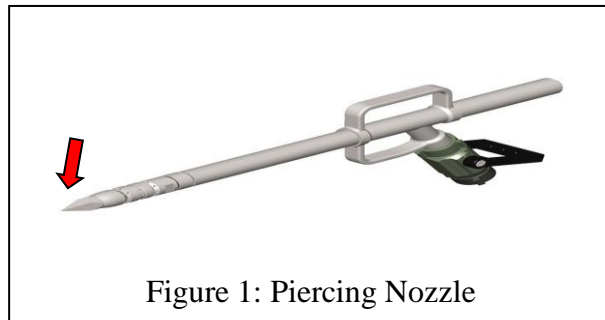


Figure 1: Piercing Nozzle

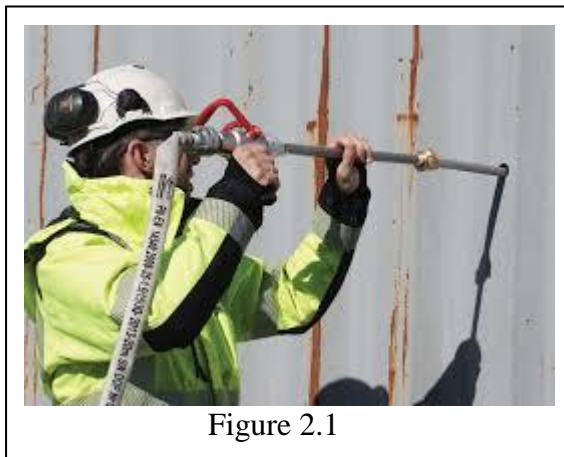


Figure 2.1

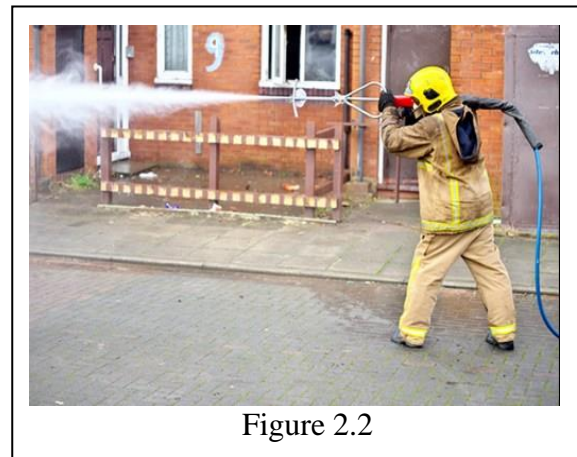


Figure 2.2

Figure 2: Water Mist Lance in action

2. Ships designed to carry five or more tiers of containers on or above the weather deck shall carry mobile water monitors as follows:
  - i. ships with breadth less than 30 m: at least two mobile water monitors; or
  - ii. ships with breadth of 30 m or more: at least four mobile water monitors.
3. Each mobile water monitor shall be tested to ensure that:
  - i. it can be securely fixed to the ship structure; and
  - ii. its water jet reaches the top tier of containers with all required monitors and water jets from fire hoses operated simultaneously.

4. The amendments is applied to **new ships constructed on or after 1 January 2016.**
5. The operational performance of each mobile water monitor shall be tested during initial survey on board the ship to the satisfaction of the Administration. The test shall verify that:
  - i. the mobile water monitor can be securely fixed to the ship structure ensuring safe and effective operation; and
  - ii. the mobile water monitor jet reaches the top tier of containers with all required monitors and water jets from fire hoses operated simultaneously.
6. Guidelines for the design, performance, testing and approval of such mobile water monitors are provided for in MSC.1/Circ.1472.

For further information you may contact:

Ships Classification (Malaysia) Sdn. Bhd.

Wisma SCM, No. 2 & 3, Block 2, Presint Alami, Persiaran Akuatik,  
Seksyen 13, 40675 Shah Alam, Selangor Darul Ehsan, Malaysia.

Phone: (603) - 5513 8170

Fax: (603) - 5513 8086

Website : [www.myscm.com.my](http://www.myscm.com.my)

Email: [infohq@myscm.com.my](mailto:infohq@myscm.com.my)

Capt. M.Prathaban

H/P:012 2997278

Email: [mprathaban@myscm.com.my](mailto:mprathaban@myscm.com.my)

Marby Rohani

H/P:012 6071147

Email: [marby@myscm.com.my](mailto:marby@myscm.com.my)

Mohd Nor Sahat

H/P:012 234 9521

Email: [mdnor@myscm.com.my](mailto:mdnor@myscm.com.my)

Sosanto Yusup

H/P:013 3841229

Email: [sosanto@myscm.com.my](mailto:sosanto@myscm.com.my)