



# South African Maritime Safety Authority

Ref: SM6/5/2/1  
SM1/5/1/46/1

Date: 16 October 2013

## Marine Notice No. 29 of 2013

### Tanker Fire Fighting – Cancellation of Special Requirements.

TO SAMSMA EXAMINERS, THE REGISTRAR OF SEAFARERS, REGIONAL MANAGERS AND PRINCIPAL OFFICERS, TRAINING INSTITUTIONS, SHIP OWNERS/OPERATORS AND SEAFARERS.

#### *Summary*

This marine notice advises that the requirements for special fire fighting training applicable to personnel serving on tankers and previously included in the Basic oil and chemical or liquefied gas tanker courses, have been withdrawn.

SAMSMA has reviewed the need for special fire fighting training over and above the training required for the issue of *Fire prevention and fire fighting* and *Advanced fire fighting* certificates of proficiency.

SAMSMA hereby withdraws the requirements specified under what was previously known as “Tanker fire fighting” and which were more recently, listed in the South African Maritime Qualifications Code under the “Basic training for oil and chemical/liquefied gas tankers”.

For clarity, the following extracts from the South African Maritime Qualifications Code show the deletions applicable to the “Basic training for oil and chemical tankers” and “Basic training for liquefied gas tankers” curriculum.

These amendments to the South African Maritime Qualifications Code take immediate effect although it is possible there will be a delay before the changes are reflected on the SAMSMA web-page.

The following is an extract from the “Basic training for oil and chemical tanker” course and the section in column 3 struck through is deleted.

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4
COMPETENCE	KNOWLEDGE, UNDERSTANDING AND PROFICIENCY	METHODS FOR DEMONSTRATING COMPETENCE	CRITERIA FOR EVALUATING COMPETENCE
Carry out fire-fighting operations	<p>Tanker fire response organization and action to be taken</p> <p>Fire hazards associated with cargo handling and transportation of hazardous and noxious liquids in bulk</p> <p>Fire-fighting agents used to extinguish oil and chemical fires</p> <p>Fixed fire-fighting foam system operations</p> <p>Portable fire-fighting foam operations</p> <p>Fixed dry chemical system operations</p> <p>Spill containment in relation to fire-fighting operations</p>	<p>Assessment of practical demonstration in spaces which provide truly realistic training conditions (e.g simulated shipboard conditions) and whenever practicable in darkness, of the ability to control and extinguish burning, of:</p> <ol style="list-style-type: none"> <li>.1 oil in fire trays and or basins using different extinguishing mediums.</li> <li><del>.2 oil emitted under pressure of at least 7 bar from a pipe flange.</del></li> <li><del>.3 oil flowing over an inclined surface.</del></li> <li><del>.4 liquefied gas emitted under pressure of between 10 and 15 bar from a pipe flange.</del></li> <li><del>.5 chemicals, (xylene) which is not miscible with water, in fire trays using different extinguishing mediums</del></li> <li><del>.6 chemicals, (an alcohol) which is miscible in water, in fire trays using different extinguishing mediums.</del></li> <li><del>.7 flammable vapour burning at the head of a mast riser using inert gas.</del></li> </ol>	<p>Initial actions and follow-up actions on becoming aware of fire on board conform with established practices and procedures</p> <p>Action taken on identifying muster signal is appropriate to the indicated emergency and complies with established procedures</p> <p>Clothing and equipment are appropriate to the nature of the fire-fighting operations</p> <p>The timing and sequence of individual actions are appropriate to the prevailing circumstances and conditions</p> <p>Extinguishment of fire is achieved using appropriate procedures, techniques and fire-fighting agents</p>
Respond to emergencies	Basic knowledge of emergency procedures, including emergency shutdown	<p>Examination and assessment of evidence obtained from one or more of the following:</p> <ol style="list-style-type: none"> <li>.1 approved in-service experience</li> <li>.2 approved training ship experience</li> <li>.3 approved simulator training</li> <li>.4 approved training programme</li> </ol>	The type and impact of the emergency is promptly identified and the response actions conform to the emergency procedures and contingency plans

The following is an extract from the “Basic training for liquefied gas tankers” course and the section in column 3 struck through, is deleted.

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4
<b>COMPETENCE</b>	<b>KNOWLEDGE, UNDERSTANDING AND PROFICIENCY</b>	<b>METHODS FOR DEMONSTRATING COMPETENCE</b>	<b>CRITERIA FOR EVALUATING COMPETENCE.</b>
Carry out fire-fighting operations	<p>Tanker fire organization and action to be taken</p> <p>Special hazards associated with cargo handling and transportation of liquefied gases in bulk</p> <p>Fire-fighting agents used to extinguish gas fires</p> <p>Fixed fire-fighting foam system operations</p> <p>Portable fire-fighting foam operations</p> <p>Fixed dry chemical system operations</p> <p>Basic knowledge of spill containment in relation to fire-fighting operations</p>	<p>Assessment of practical demonstration in spaces which provide truly realistic training conditions (e.g simulated shipboard conditions) and whenever practicable in darkness, of the ability to control and extinguish burning, of:</p> <p>.1 oil in fire trays and or basins using different extinguishing mediums.</p> <p>.2 <del>oil emitted under pressure of at least 7 bar from a pipe flange.</del></p> <p>.3 <del>oil flowing over an inclined surface.</del></p> <p>.4 <del>liquefied gas emitted under pressure of between 10 and 15 bar from a pipe flange.</del></p> <p>.5 <del>chemicals, (xylene) which is not miscible with water, in fire trays using different extinguishing mediums</del></p> <p>.6 <del>chemicals, (an alcohol) which is miscible in water, in fire trays using different extinguishing mediums.</del></p> <p>.7 <del>flammable vapour burning at the head of a mast riser using inert gas.</del></p> <p>Examination and assessment of evidence obtained from one or more of the following:</p> <ol style="list-style-type: none"> <li>approved in-service experience</li> <li>approved training ship experience</li> <li>approved simulator training</li> <li>approved training programme</li> </ol>	<p>Initial actions and follow-up actions on becoming aware of an emergency conform with established practices and procedures</p> <p>Action taken on identifying muster signals is appropriate to the indicated emergency and complies with established procedures</p> <p>Clothing and equipment are appropriate to the nature of the fire-fighting operations</p> <p>The timing and sequence of individual actions are appropriate to the prevailing circumstances and conditions</p> <p>Extinguishment of fire is achieved using appropriate procedures techniques and fire-fighting agents</p> <p>The type and impact of the emergency is promptly identified and the response actions conform to the emergency procedures and contingency plans</p>
Respond to emergencies	<p>Basic knowledge of emergency procedures, including emergency shutdown</p>		

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Issued by and obtainable from:

**The South African Maritime Safety Authority**  
**146 Lunnon Road**  
**Hillcrest, Pretoria**

**PO Box 13186**  
**Hatfield 0028**

**Tel: +27 12 366 2600**

**Fax: +27 12 366 2601**

**E-mail: [marinenotices@samsa.org.za](mailto:marinenotices@samsa.org.za)**

**Web Site : [www.samsa.org.za](http://www.samsa.org.za)**