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*Changes to legislation: There are currently no known outstanding effects for the Commission Regulation (EU) No 744/2010, ANNEX. (See end of Document for details)*

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## ANNEX

### ANNEX VI

#### CRITICAL USES OF HALONS

For the purposes of this Annex, the following definitions shall apply:

1. “Cut-off date” means the date after which halons must not be used for fire extinguishers or fire protection systems in new equipment and new facilities for the application concerned.
2. “New equipment” means equipment for which, by the cut-off date, neither of the following events has occurred:
  - (a) signature of the relevant procurement or development contract;
  - (b) submission of a request for type approval or type certification to the appropriate regulatory authority.
3. “New facilities” means facilities for which, by the cut-off date, neither of the following events has occurred:
  - (a) signature of the relevant development contract;
  - (b) submission of a request for planning consent to the appropriate regulatory authority.
4. “End date” means the date after which halons shall not be used for the application concerned and by which date the fire extinguishers or fire protection systems containing halons shall be decommissioned.
5. “Inerting” means preventing the initiation of combustion of a flammable or explosive atmosphere by means of the addition of an inhibiting or diluting agent.
6. “Cargo ship” means a ship that is not a passenger ship, is over 500 tonnes gross weight, and embarks on an international voyage, in accordance with the definition of those terms in the Safety of Life at Sea (SOLAS) Convention. The SOLAS Convention defines a “passenger ship” as “a ship that carries more than 12 passengers” and an “international voyage” as “a voyage from a country to which the present Convention applies to a port outside such country, or conversely”.
7. A “normally occupied” space means a protected space in which it is necessary for persons to be present most or all of the time in order for the equipment or facility to function effectively. For military applications, the occupancy status of the protected space would be that applicable during a combat situation.
8. A “normally unoccupied” space means a protected space that is occupied for limited periods only, in particular for undertaking maintenance, and where the continual presence of persons is not necessary for the effective functioning of the equipment or facility.

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#### CRITICAL USES OF HALONS

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| <b>Application</b> | <b>Cut-off date(31 December</b> | <b>End date(31 December</b> |
|--------------------|---------------------------------|-----------------------------|
|--------------------|---------------------------------|-----------------------------|

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| Category of equipment or facility     | Purpose  | Type of extinguisher  | Type of halon        | of the stated year) | of the stated year) |
|---------------------------------------|--|-----------------------|----------------------|---------------------|---------------------|
| 1. <b>On military ground vehicles</b> | 1.1. For the protection of engine compartments                         | Fixed system          | 1301<br>1211<br>2402 | <b>2010</b>         | <b>2035</b>         |
|                                       | 1.2. For the protection of crew compartments                           | Fixed system          | 1301<br>2402         | <b>2011</b>         | <b>2040</b>         |
|                                       | 1.3. For the protection of crew compartments                           | Portable extinguisher | 1301<br>1211         | <b>2011</b>         | <b>2020</b>         |
| 2. <b>On military surface ships</b>   | 2.1. For the protection of normally occupied machinery spaces          | Fixed system          | 1301<br>2402         | <b>2010</b>         | <b>2040</b>         |
|                                       | 2.2. For the protection of normally unoccupied engine spaces           | Fixed system          | 1301<br>1211<br>2402 | <b>2010</b>         | <b>2035</b>         |
|                                       | 2.3. For the protection of normally unoccupied electrical compartments | Fixed system          | 1301<br>1211         | <b>2010</b>         | <b>2030</b>         |

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|    |                               |   |  |                      |             |             |             |
|----|-------------------------------|---|--|----------------------|-------------|-------------|-------------|
|    | 2.4.                          | For the protection of command centres                           | Fixed system                           | 1301                 | <b>2010</b> | <b>2030</b> |             |
|    | 2.5.                          | For the protection of fuel pump rooms                           | Fixed system                           | 1301                 | <b>2010</b> | <b>2030</b> |             |
|    | 2.6.                          | For the protection of flammable liquid storage compartments     | Fixed system                           | 1301<br>1211<br>2402 | <b>2010</b> | <b>2030</b> |             |
|    | 2.7.                          | For the protection of aircraft in hangars and maintenance areas | Portable extinguisher                  | 1301<br>1211         | <b>2010</b> | <b>2016</b> |             |
| 3. | <b>On military submarines</b> | 3.1.  | For the protection of machinery spaces | Fixed system         | 1301        | <b>2010</b> | <b>2040</b> |
|    |                               | 3.2.  | For the protection of command centres  | Fixed system         | 1301        | <b>2010</b> | <b>2040</b> |
|    |                               | 3.3.  | For the                                | Fixed system         | 1301        | <b>2010</b> | <b>2040</b> |

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|    |                        |  |                          |                      |             |             |
|----|------------------------|--|--------------------------|----------------------|-------------|-------------|
|    |                        | protection<br>of<br>diesel<br>generator<br>spaces  |                          |                      |             |             |
|    | 3.4.                   | For<br>the<br>protection<br>of<br>electrical<br>compartments                               | Fixed system             | 1301                 | <b>2010</b> | <b>2040</b> |
| 4. | <b>On<br/>aircraft</b> | 4.1. For<br>the<br>protection<br>of<br>normally<br>unoccupied<br>cargo<br>compartments     | Fixed system             | 1301<br>1211<br>2402 | <b>2018</b> | <b>2040</b> |
|    | 4.2.                   | For<br>the<br>protection<br>of<br>cabins<br>and<br>crew<br>compartments                    | Portable<br>extinguisher | 1211<br>2402         | <b>2014</b> | <b>2025</b> |
|    | 4.3.                   | For<br>the<br>protection<br>of<br>engine<br>nacelles<br>and<br>auxiliary<br>power<br>units | Fixed system             | 1301<br>1211<br>2402 | <b>2014</b> | <b>2040</b> |
|    | 4.4.                   | For<br>the<br>inerting<br>of<br>fuel<br>tanks  | Fixed system             | 1301<br>2402         | <b>2011</b> | <b>2040</b> |
|    | 4.5.                   | For<br>the<br>protection   | Fixed system             | 1301<br>1211<br>2402 | <b>2011</b> | <b>2020</b> |

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|    |   |      |  |                       |                      |             |             |
|----|---|------|--|-----------------------|----------------------|-------------|-------------|
|    |   |      | of lavatory waste receptacles  |                       |                      |             |             |
|    |   | 4.6. | For the protection of dry bays   | Fixed system          | 1301<br>1211<br>2402 | <b>2011</b> | <b>2040</b> |
| 5. | <b>In oil, gas and petrochemicals facilities</b>                        | 5.1. | For the protection of spaces where flammable liquid or gas could be released                 | Fixed system          | 1301<br>2402         | <b>2010</b> | <b>2020</b> |
| 6. | <b>On commercial cargo ships</b>  | 6.1. | For the inerting of normally occupied spaces where flammable liquid or gas could be released | Fixed system          | 1301<br>2402         | <b>1994</b> | <b>2016</b> |
| 7. | <b>In land-based command and communications facilities essential to</b> | 7.1. | For the protection of normally occupied spaces   | Fixed system          | 1301<br>2402         | <b>2010</b> | <b>2025</b> |
|    |   | 7.2. | For the  | Portable extinguisher | 1211                 | <b>2010</b> | <b>2013</b> |

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|     |   |       |   |                               |  |                                |
|-----|---|-------|---|-------------------------------|--|--------------------------------|
|     | <b>national security</b>                                |       | protection of normally occupied spaces  |                               |  |                                |
|     |   | 7.3.  | For the protection of normally unoccupied spaces  | Fixed system<br>1301<br>2402  |  | <b>2010</b><br><br><b>2020</b> |
| 8.  | <b>At airfields and airports</b>                        | 8.1.  | For crash rescue vehicles   | Portable extinguisher<br>1211 |  | <b>2010</b><br><br><b>2016</b> |
|     |   | 8.2.  | For the protection of aircraft in hangars and maintenance areas                                   | Portable extinguisher<br>1211 |  | <b>2010</b><br><br><b>2016</b> |
| 9.  | <b>In nuclear power and nuclear research facilities</b> | 9.1.  | For the protection of spaces where necessary to minimise risk of dispersion of radioactive matter | Fixed system<br>1301          |  | <b>2010</b><br><br><b>2020</b> |
| 10. | <b>In the Channel Tunnel</b>                            | 10.1. | For the protection of technical facilities  | Fixed system<br>1301          |  | <b>2010</b><br><br><b>2016</b> |

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|     |                    |   |                       |      |             |             |
|-----|--------------------|---|-----------------------|------|-------------|-------------|
|     | 10.2.              | For the protection of power cars and shuttle wagons of Channel Tunnel trains  | Fixed system          | 1301 | <b>2010</b> | <b>2020</b> |
| 11. | <b>Other</b> 11.1. | For initial extinguishing by fire brigades where essential to personal safety | Portable extinguisher | 1211 | <b>2010</b> | <b>2013</b> |
|     | 11.2.              | For the protection of persons by military and police personnel                | Portable extinguisher | 1211 | <b>2010</b> | <b>2013</b> |

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