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| ECS operational staff meeting household appliances decision sheet |  |             | OSM HA N°202 |
| Sub cl.   | Meeting  | Agenda item | Document     |
| 7.101   | 11   | 10.9        | IT 4/97      |
| 7.101   | 23   | 4.3         | SEC 05/09    |
| Standard  | EN 60335-2-21:2003<br>EN 60335-2-21:2003 +A1 :2005+A2 : 2008   | Date        | 2017-02-08   |
| Question  | Are coloured collars used for the identification of the inlet and the outlet water hose to be subjected to pull tests? |             |              |
| Decision  | Only visual inspection at the beginning and at the end of the test is necessary  |             |              |
| Explanatory notes   |  |             |              |

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| ECS operational staff meeting household appliances decision sheet |   |             | OSM HA N°203 |
| Sub cl.   | Meeting   | Agenda item | Document     |
| 19.2/19.3   | 11  | 10.10.1     | BE 3/97      |
| 19.2/19.3   | 23  | 4.3.2/6.4.2 | SEC 05/09    |
| Standard  | EN 60335-2-21:2003<br>EN 60335-2-21:2003 +A1 :2005+A2 : 2008  | Date        | 2017-02-08   |
| Question  | To which extent is the water heater emptied for the purpose of the tests of 19.2 and 19.3.  |             |              |
| Decision  | The water heater is emptied in the normal way, so by opening the water inlet.   |             |              |
| Explanatory notes   | As it may happen that the water heater is switched on without water after first installation or after maintenance, CLC/TC 61 confirmed that completely empty does not mean dry (May 1998).<br>This decision has been updated after the 23rd OSM/HA meeting. |             |              |

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| ECS operational staff meeting household appliances decision sheet |  |             | OSM HA N°204 |
| Sub cl.   | Meeting  | Agenda item | Document     |
| 19.2/19.3   | 11   | 10.10.2     | BE 4/97      |
| 19.2/19.3   | 23   | 4.3.2/6.4.2 | SEC 05/09    |
| Standard  | EN 60335-2-21:2003<br>EN 60335-2-21:2003 +A1 :2005+A2 : 2008   | Date        | 2017-02-08   |
| Question  | Are the thermostats in each phase of a three-phase water heater with star connection (without neutral) short-circuited in turn?  |             |              |
| Decision  | The three thermostats are short-circuited simultaneously.  |             |              |
| Explanatory notes   | Short-circuiting in turn would result in operation as thermal cut-outs of the remaining two thermostats.<br>CLC/TC 61 confirmed (May 1998).<br>This decision has been updated after the 23rd OSM/HA meeting. |             |              |

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| ECS operational staff meeting household appliances decision sheet |  |             | OSM HA N°392     |
| Sub cl.   | Meeting  | Agenda item | Document         |
| 22.106  | 21   | 4           | OSM/HA(Sec)02/07 |
| 22.106  | 22   | 5.2.1       | (SEC)04/08       |
| Standard  | EN 60335-2-21:2003<br>EN 60335-2-21:2003 +A1 :2005+A2 : 2008   | Date        | 2017-02-08       |
| Question  | <p>In sub-clause 22.106 of standard EN 60335-2-21:2003 says that, Closed water heater shall incorporate a thermal cut-out providing all-pole disconnection and which operates independently from the thermostat.</p> <p>Can the thermal cut-out and thermostat control the same contactor (when contactors is used) or are two contactors needed (one controlled by the thermal cut-out and one controlled by the thermostat)?</p> |             |                  |
| Decision  | Two contactors or relays must be used because the contactor or relay may not operate if one set of independent contacts welds closed. See also 19.14 in Part 1.  |             |                  |
| Explanatory notes   | This is in line with other parts 2 (2-37, 2-38 sub-clauses 19.4 added note 101).   |             |                  |
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| ECS operational staff meeting household appliances decision sheet |   |             | OSM HA O3/2021 |
| Sub cl.   | Meeting   | Agenda item | Document       |
| 22.109  | OSMHA 2017  | 4.2.1       | FI01/2017      |
| 22.109  | OSMHA 2021  | 6.1.1       | OSMHA 2019     |
| Standard  | EN 60335-2-21:2003<br>EN 60335-2-21:2003 +A1 :2005+A2 : 2008  | Date        | 2017-02-08     |
| Question  | <p>The storage water heater is provided with a pressure-relief valve. It has a double function as it protects the storage water pressure to exceed the rated pressure limit and it has also a means for draining. This means is a kind of handle and it can be operated by hand without a tool. According to Note 2 of sub-clause 22.109, a means</p>  <p>for draining can be combined with a pressure-relief valve.</p> |             |                |
| Decision  | <p>The construction meets the requirements of the clauses 22.109 and 24.102.2. The small hole is used as pressure-relief valve in accordance to NOTE 2 and it is not used for draining. The level is used ONLY for periodical testing for pressure-relief function</p>  |             |                |
| Explanatory notes   | Confirmed by CLC TC 61  |             |                |
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