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| Reference No:<br><b>CABF-R-034 rev 1</b>         | Conformity Assessment Bodies Forum PED/SPV (CABF)<br><b>CABF</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Relation to PED:<br><b>Point 2.10 of Annex I</b> | <b>CABF Recommendation</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Question:</b>                                 | When a safety accessory is applied to a refrigeration system for the prevention of failure due to external fire is it permissible that the pressure surge during operation of the safety accessory exceeds 1,1 x PS?                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Answer:</b>                                   | <p>Yes. The limitation of the pressure surge to 1,1 x PS does not apply for the case of heating by an accidental external fire (see EN 764-7 clause 6.1.4).</p> <p>For such cases the limit for the pressure surge shall be established in an analysis of hazards and risks under special consideration of the intended/permitted conditions of installation of the vessel.</p> <p>Note:<br/>The set pressure of the safety accessory shall be equal to or lower than PS except for cases where another safety accessory protects the pressure equipment from exceeding PS under all other foreseeable conditions.</p> |
| <b>Reason:</b>                                   | Guideline E/2 states that the limitation of the short duration pressure surge to 1.1 x PS does not apply for fire engulfment.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Original Reference:                              | TRG 117 Rev 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Approved by CABF on: 2016-03-15/16               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Note:                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |