

Amendment 2020 – SBF 120:8

Rules for automatic water sprinkler systems

This amendment document is a correction of SBF 120:8 and are valid from 2020-01-01. Amendments are marked with a line in the margin.

In the event of any unintended discrepancy between the Swedish original version and the English translation, the former shall prevail.

Chapter 20 Maintenance

Chapter 20.4.1 Supplement with a new 2nd paragraph that gives requirements for who is to assess the changes.

20.4 Changes of installation

(additional requirement that are not covered in SS-EN 12845)

20.4.1 If the sprinkler system is extended and/or changed to a minor extent, the work shall be documented in a change report or an installed system certificate. More extensive extensions and changes shall be done and documented according to the rules otherwise. Less extensive extensions that are documented in a change reports may be delivery inspected in connection with the next regular inspections.

Assessment whether a change should be considered to be less extensive or not shall be done by the expert of the authorised installation company or by an authorised engineer appointed by the expert according to SBF 1020.

See Annex 120-07 for exempel of change report.

Comment: Less extensive refers to an extension when the number of sprinklers changes by no more than 20 sprinklers per valve section in a light and normal hazards and no more than 10 sprinklers per valve section in a high hazards.

Less extensive refers to changes that do not increase the need for water feed, do not entail extensive changes of the pipework or changes of rapid openers, automatic start devices for pumps, control valves or triggering devices.

Chapter 20.5.7 Supplement with a new 3rd paragraph that allows alternative to uninstallation and states the purpose for the internal inspection.

20.5 Internal inspection of the pipework

(additional requirement that are not covered in SS-EN 12845)

20.5.7 Representative pipes (distributed over the area) of the various occurring dimensions are selected. At least one pipe section of each occurring dimension shall be uninstalled. At least one range pipe per 100 sprinklers shall be included among the uninstalled pipes.

This shall then be repeated for all control valve zones in the system that has achieved the age in question.

Internal inspections may be done by non-destructive methods that has been considered equivalent and has been accepted by the specifier. The method shall include the possibility to assessment eventual changes of wall thickness, presence of corrosion, pitting, deposits, sediments and similar and the presence of microbial corrosion (MIC). Examples of such methods may be a combination of internal camera and X-ray/ultrasound.