

Assembly

1. The installation of the fire extinguishing system must be carried out by specialist companies.
 - 1.1 Fire extinguishing generators shall be arranged in the fire extinguishing area, that an optimum distribution of the fire extinguishing agent is achieved.
 - 1.2 Before the fire extinguishing agent discharge side of fire extinguishing generators must be free of heat-sensitive subjects or these subjects must be protected by adequate covers.
 - 1.3 It is important to ensure that no person can be before the fire extinguishing agent discharge side of the fire extinguishing generators. Areas where people are, must be secured by suitable measures.
 - 1.4 For handling of fire extinguishing generators, the instructions of Co. Dynamit Nobel Defence must be observed.
(See attached "Instructions for use of Dynameco-PA01 pneumatic activated aerosol fire extinguishing generators")
2. All sensor tubes shall be so arranged that a fire is detected as early as possible. It is useful to consider the experience values from the past about the origin of the fire. If there are no accordingly experience values, please contact us.
 - 2.1 Fire extinguishing generators must be mounted so that their fire extinguishing agent discharge sides are not directed to the fire detectors.
3. The manual release actuator(s) must be installed so that a simple operation and control is possible.
4. After completing the installation and wiring of fire detection and extinguishing system, the system must be tested (Commissioning and Acceptance).

Labeling with warning signs

5. All fire extinguishing areas must be clearly and visible marked as follows:

CAUTION!

This area is protected by an automatic fire extinguishing system.

Bei Brandalarm!

Leave and close this fire detection and extinguishing area immediately!

Fire extinguishing system must be taken out of service before any maintenance works or repairs should be performed.

CAUTION! Risk of injury!

Behavior in a case of fire

6. In a case of fire, the plant must be switched off. This is done as follows:
 - a) Switch the plant off!
 - b) Close down ventilation aggregates!
- 6.1 After the fire fighting is completed (there are no noises of outflow of the fire extinguishing agent and the fire extinguishing agent can no longer be seen around the plant), the plant can be investigated for damages or for the remaining embers.



CAUTION!

Risk of re-ignition!

Even if the fire seems to be extinguished, there is the possibility that e.g. lubricants can be ignited again on hot parts.

Therefore it should only be started with the assessment of damages, if the risk of re-ignition of the fire is no longer exists.

The remaining embers can now be removed or be fought with a hand fire extinguisher.

After the fire fighting

7.



ACHTUNG!

After the triggering, the aerosol fire extinguishing generators are very hot.

Cooling time: approx. 15 minutes

Fire extinguishing generators shall be removed only with protective gloves.

- 7.1 After the fire fighting, all triggered AEROSOL fire extinguishing generators are to replace and the plant is to inspect for damages.
- 7.3 If the release was done by actuation of the manual release actuator, the rupture disc of manual release actuator must be replaced by a new one!
- 7.2 Furthermore, all the damaged components of the fire extinguishing system must be replaced.

Cleaning

8. After the fire fighting, the plant must be cleaned of fire residues and fire extinguishing agent residues!



CAUTION!

Do NOT use steam-pressure cleaners to perform cleaning tasks in the vicinity of the fire detectors and aerosol fire extinguishing generators, which can easily be damaged if cleaning is done in this way.

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Maintenance Works and Repairs

9. a) For maintenance works and/or repairs on the fire extinguishing system or in the fire extinguishing areas, the fire extinguishing system must be taken out of service.

For this purpose, the trigger mechanisms of all fire extinguishing generators must be secured again with securing elements so that an unintentional activation of fire extinguishing generators is prevented, if during maintenance works the sensor tube is accidentally damaged.



- b) After maintenance works and repairs on the fire extinguishing system or in the fire extinguishing areas, the fire extinguishing system must be returned to service.

For this purpose, the securing elements must be removed from the trigger mechanisms of all fire extinguishing generators.



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