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EPSC Webinar

Thursday 16th January 2025

15:00 – 16:00 (CET)

14:00 – 15:00 (GMT)



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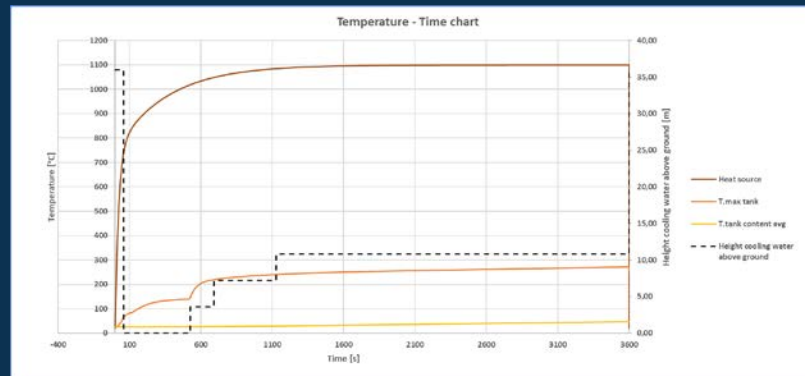
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Performance based design of tank cooling system

According to PGS 29, storage tanks must be equipped with their own stationary cooling system to prevent heating from an external fire. Heating of the storage tank can lead to escalation, such as the spread of the fire or an explosion. The stationary cooling system must be designed according to NFPA 15, which prescribes a cooling capacity of at least 10.2 l/min.m². This is a 'one-size fits all' requirement. However, according to PGS 29, it is also possible to determine the cooling capacity on a performance-based approach, dependent upon the design of your system a lower cooling capacity could be enough.

Aspects to be discussed in an interactive setting

- Influence of cooling system activation time
- Accounting for tank contents when determining the cooling requirement



For more information, contact R.Steenbergen@Anteagroup.nl | +31 6 51 51 60 74