

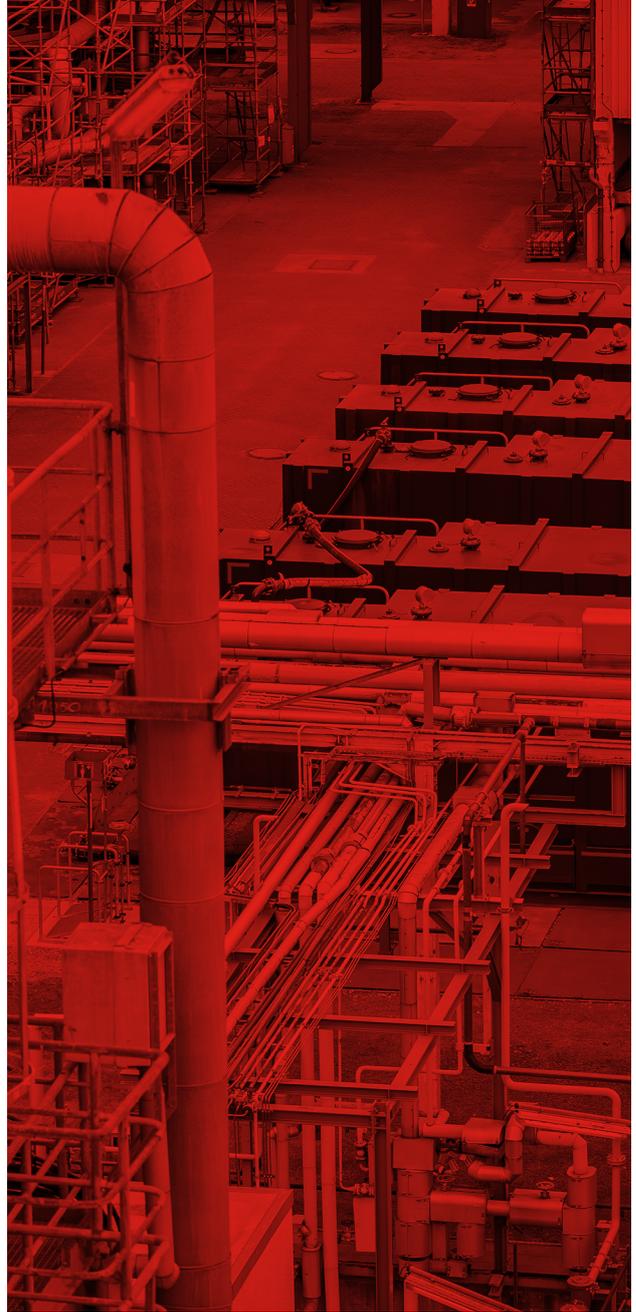


Extinguishing Water Containment Solution

from BakerCorp, a united rentals company

INTRODUCTION

Sound safety regulations to prevent the outbreak of fire are indispensable in business premises and workplaces. Moreover, companies must fulfil their fire safety responsibilities in respect of their employees and visitors. This does, however, present a dilemma at the time of your company's mandatory periodic inspection of the extinguishing water tank. Do you risk temporarily switching off the supply for the duration of the maintenance, which would mean that you are unable to guarantee fire safety for a period of time, plus your company would be uninsured in the event of an outbreak of fire? Or do you decide to temporarily halt production, therefore prioritising safety, but foregoing substantial revenue? BakerCorp has a solution which removes these concerns. A simple and effective answer to a problem that henceforth is a thing of the past.





CHALLENGES

There are several situations in which you are faced with dilemmas concerning the extinguishing water supply within the company. We have outlined a few of these situations below.

Overdue inspection

Once every few years, the interior of the extinguishing water tank must be inspected; if it is not inspected, your insurance may be void in the event of a disaster. Most of the times, the inspection must be performed starting on the inside, meaning the actual inspection and any repairs will require scheduling and time. When the deadline for the inspection approaches, you will benefit from a solution that can be implemented quickly and efficiently, without hindering the production process.

Costs of halting production

To guarantee safety in the workplace at all times, the possibility of halting production may be considered. During the inspection, the question is what damage may be present that could result in your company being unable to continue production for even longer, because of the repairs to be performed on the extinguishing water storage tank. This will result in a loss of substantial revenue and you could face difficulties in meeting delivery deadlines of your final products. You may therefore find it a welcome solution if the inspection of the tank could simply take place whilst production

continues, without any risks being taken that may affect safety.

Safety

The extinguishing water tank must be inspected, but because firm commitments to customers and suppliers must be upheld, it is simply not possible to halt production. This is why consideration is given to the inspection taking place whilst normal processes continue, resulting in it not being possible to fully guarantee fire safety. Therefore a solution which could guarantee safety, without comprising production, would be extremely beneficial.



RISKS

At first, the extinguishing water tank inspection may perhaps seem fully conditional on guaranteeing fire safety and continuation of the production process. Nonetheless, failing to inspect and repair this system on time can have far-reaching implications. The following risks have the greatest impact on your organisation in the event of a disaster.

Rusting and leaking of the extinguishing water tank

Because of the tank's contents, corrosion of the inside of the tank occurs over time. Rust affects the inner wall, which will become thinner and this damage may cause the tank to leak. This means that the extinguishing water will escape from the tank, as a result of which, there may be a shortage of water should a fire occur. Furthermore, a thinning of the tank coupled with the pressure exerted by the contents, can cause cracking and potential catastrophic failure. Overdue maintenance of the extinguishing water tank can therefore severely compromise safety.

Fire damage uninsured

Insurers only pay out claims under certain conditions. In terms of the extinguishing water installation, inspection and repair is required every five years. If this does not happen and fire then breaks out, the insurer will not compensate the damage. This may have huge financial consequences for your company.



BAKER SOLUTION

Nobody likes to take undue risks, particularly when these may have far-reaching consequences. The Baker solution allows you to steer clear effectively of all of these hazards. That is because BakerCorp's temporary extinguishing water storage solution allows operations to continue, whilst enabling you to ensure the safety of those within your premises.

Preparation

Every situation is different and that is why, at BakerCorp, you can count on a tailored solution. To this end, we survey your installation and the available space beforehand and calculate what is needed to keep the system up and running during the inspection. We also ascertain which types of pipework, hoses and fittings are needed, plus the number of tanks required to store the fire water. The necessary water volume is also taken into account. We also check whether filters could be installed to remove any rust particles from the water. Our goal is to offer a safe temporary extinguishing water solution, without affecting work and without hindering the production process.

This plan will be discussed and agreed with you in full before the maintenance work commences and will include a drawing and calculations of how the temporary fire water solution will be installed.

Implementation

The temporary fire extinguishing water solution can be installed easily and efficiently. The tanks and pipes are connected, after which the water in the system can be transferred over. Once this process has been completed, the inspection and repair work can commence. In the meantime, the temporary system remains connected to the sprinkler system, thereby guaranteeing the safety in the workplace. This installation will remain in place for as long as necessary.

Demobilisation

Once your usual extinguishing water tank has undergone the inspection and any problems relating to the tank have been rectified, the sprinkler system can be reconnected to your own extinguishing water tank. Our BakerCorp specialists will ensure that this takes place safely and quickly, without impeding any other work. BakerCorp therefore offers a total solution.



ADVANTAGES

The Baker solution for temporary extinguishing water storage enables hassle-free inspection and repair of the extinguishing water tank by BakerCorp. This means that all obligations can be met - both in respect of the insurance company, the suppliers and your own shop-floor workers. The following benefits are associated with this solution.

Cost efficient

BakerCorp's temporary extinguishing water storage allows production to continue; this is because the safety of the workplace and employees is not compromised if operations continue. A plan is carefully prepared, in which the temporary system is installed and normal operations are not delayed. The available space is often rather limited, which the Baker solution addresses through storage tanks which require a limited foot print. The foregoing means that the Baker solution is the most cost-effective solution for the periodic inspection of extinguishing water tanks.

Insurance

The Baker solution means that you are no longer at risk of not being properly insured against fire damage. The safe method minimises the risks and everyone benefits from that. It is for good reason that the leading insurance companies recommend the Baker method to its clients.

Safety

By using the Baker method, your company eliminates the risk of fire damage, meaning safety continues to be guaranteed. Because the sprinkler system does not have to be temporarily switched off, you create a consistently safe environment for your staff.

Environmentally friendly

Drainage of the extinguishing water from the tank is no longer necessary, that is because the extinguishing water is pumped into the temporary Baker tank, which means no water is wasted unnecessarily. As an average fire extinguishing water tank holds 300,000 to 400,000 litres of water, the Baker solution is an environmentally friendly choice.



CASES

Would you like to read about companies that have been helped by BakerCorp's temporary extinguishing water storage solution? Below are examples from two different industries.

Pharmaceutical industry

A company within the chemical industry contacted BakerCorp as they had an issue which they really didn't know how to resolve. It was time for the 5-yearly inspection of the extinguishing water tank, but that had to take place without compromising safety and operations at the company must continue. BakerCorp tailored a solution to their needs, where the extinguishing system water was pumped to compact tanks located in an unused part of the site. Meanwhile, both the inspection and subsequent repair of the company's extinguishing water tank could take place within a 12-week period. This method was approved by the insurance company of this large player within the chemical industry.

Automotive industry

It became clear during an external inspection that the extinguishing water tank of a factory in the automotive industry required maintenance. As nothing had been done to the tank for the past 20 years, it was high time for an inspection. However, the tank was connected to around 44,000 sprinklers, and the most remote sprinklers were at a distance of 300 metres from the tank. BakerCorp was asked to provide a solution, whereby during a two-week period, an analysis of the problems would be made and the repair work could take place. However, production had to continue at the plant.



Contact

Are you interested in what BakerCorp could do for you? If so, please contact us and discover the options.

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