

Optimizing cleaning processes sensibly

Horpovel® GmbH

Horpovel® GmbH specializes in ensuring the production of flawless dairy products. As an expert in the manufacture of cleaning and disinfecting products for the dairy industry, she focuses on the cleaning optimization of filtration systems, among other things.

Can membrane filtration also be optimized?

Yes, with membrane filtration it is often the case that the cleaning concept is oversized. By closely examining the cleaning requirements, it is possible to determine which cleaning steps are necessary in which form, duration and frequency and which are not. For example, in RO plants for whey, which are not operated at full capacity, it is quite possible to suspend enzymatic cleaning on a daily basis.

Furthermore, cleaning steps are often carried out that have little effect on the cleaning result (e.g. enzymatic cleaning steps in plants that do not filter products containing protein).

Are there any other advantages?

On the one hand, the wastewater load can be reduced by using the necessary ingredients precisely, and on the other hand, the rinsing quantities can be reduced by avoiding overdosing.

How high are the average savings potentials with CIP optimization?

When cleaning the production and filtration systems, savings of up to 40% can be achieved by optimizing the CIP cleaning steps in terms of time and sequence and by using high concentrates.

What measures are possible?

1. Optimization of the rinsing phases
2. Optimization of the step sequences
3. Optimization of the circulation times

After analysing the actual condition and determining the target condition, the effective duration of the cleaning steps can be measured and set on site. In addition, flushing can be adjusted using special measuring technology.

What does Horpovel® want to achieve with its customized cleaning concepts?

The aim is a cost-optimized, comprehensible and easy-to-use cleaning concept with which you can meet the increasing demands of your customers and authorities. The optimization of cleaning processes focuses on the efficient and sustainable use of available resources.

For further information please visit our homepage www.horpovel.de/press

Application-specific cleaning processes

Good cleaning is results-orientated, cost-effective, reproducible and achieves a stable result. For this reason, Horpovel® GmbH has developed application-specific cleaning concepts for its customers. These concepts are used both in the area of general CIP cleaning and in membrane cleaning.

Horpovel® GmbH sees itself not only as a manufacturer and supplier of cleaning agents and disinfectants, but also as a partner for the development and further development of cleaning chemicals and strategies to optimise your cleaning processes.

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sustainable

Horpovel®
Efficient cleaning processes

Further information can be found summarised on our homepage www.horpovel.de

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