

ÅF completes advanced CIP plant for Danish dairy

The CIP Plant project has been a very exciting journey covering close cooperation across departments in ÅF and creating better ways of developing a CIP plant focusing on energy recovery, safety and reliability.

The scope by ÅF has been delivering the process and automation equipment and services including electrical and mechanical installation and commissioning.

The CIP plant consists of tanks for lye and acid, recovery water, fresh water, cheese lye and oxonia. It has 7 CIP-forward lines. A white water recovery and treatment system is included, collecting white water from the 5 CIP lines, 2 milk pasteurisation and 2 microfiltration plants and concentrating the white water through reverse osmosis (RO).

As part of the project, ÅF has changed the automation system from IGSS to SCADA control system and all recipes

are managed in a Recipe Management System in order to ensure that batches are made accurately and efficiently. All CIP activities are logged to provide full traceability.

The customer wanted to improve the safety and efficiency with the new CIP Plant. With a very close and strong

cooperation between the customer and ÅF, it was possible to deliver the brand new CIP plant in time, changing over from the existing to the new CIP plant in only one week including more than 80 tie-ins to the existing plant. And we managed to optimize cleaning in accordance with the customer's demand.



Contact:

ÅF A/S
Engelsholmsvej 26
8940 Randers SV
+45 70 10 40 43 / 81 77 24 44
Mail: info@afconsult.com

ÅF Industry AB
Hallenborgs gata 4
SE-211 74 Malmö
+46 10 505 00 00
info@afconsult.com

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- Oil & Gas
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- Architecture
- Lighting
- Energy

ÅF A/S offers our services in both turnkey projects and consultancy assignments where we can be the advising and the performing part towards our customers in terms of achieving optimal solutions.

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