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Press release from ÅF Pöyry AB

Alfa Laval takes the next step towards Industry 4.0 with AFRY

Alfa Laval – a world leader in heat transfer, centrifugal separation and fluid handling – will use advanced digital twin technology when expanding capacity in the production of separators in Sweden. The technology supplied by AFRY will facilitate the operations development and reduce the time for ramp-up of the production substantially.

Alfa Laval will expand and automate its capacity in the production facility in Eskilstuna, Sweden. To facilitate the operations development the company will use Real Digital Twin (RDT) technology from AFRY. The technology, based on Siemens software, produces a digital twin of the manufacturing process and its machineries and enables simulation and functional testing of the process lines before the actual production expansion. The benefits are shorter installation and ramp-up time and optimised production.

“By using the advanced twin technology, we can accelerate our work towards a more digital and automated production which is well in line with our Industry 4.0 strategy,” says Mikael Tydén, President of the Operations Division at Alfa Laval.

Apart from facilitating the capacity expansion the RDT technology will be used to simulate and verify production changes and optimisations. This will make operations development safer and more cost-efficient.

“We are proud to, once again, have gained the trust from Alfa Laval to be a part of their digital journey,” says Michael Mjörnestål, VP and Head of Business Area Advanced Automation, at AFRY.

About Digital Twin Technology

By using digital twin technology, potential problems can be avoided, and the capacity expansion optimised, which reduces the investment cost substantially based on CAPEX and lost income during ramp-up.

Corporate Communication
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