

LANXESS and Tennants: Cooperation for enhanced industrial plant hygiene

- **Biocide expert and global technology provider decide on a long-term cooperation**
- **A combination of ATP technology and optimized biocide use saves costs and improves operational hygiene**
- **Customer-oriented solutions for the paints, coatings and polymers industry**

Cologne, September 21, 2023 – LANXESS, one of the world's largest suppliers of antimicrobial protection products, and Tennants GmbH from Bielefeld, Germany, have agreed on a strategic cooperation for integrated solutions in the field of industrial plant hygiene. In doing so, the partners will combine the specialty chemicals group's biocide portfolio and the company's adenosine triphosphate (ATP) technology. ATP technology can be used to quickly and reliably detect a possible contamination with microorganisms.

Philipp Seidenstuecker, Global Marketing Manager Paints & Coatings in the Material Protection Products (MPP) business unit at LANXESS, explains, "Plant hygiene is a key element of a proper preservation, especially in our ever tighter regulatory environment. The ATP technology from Tennants is an excellent way to monitor the hygiene level in the factory and to support a most efficient use of biocides. Customers of both companies benefit equally from the this cooperation."

Jasper Stegeman, General Manager ATP Technology at Tennants, says: "LANXESS' comprehensive biocide solutions are a perfect match to our ATP technology to help our customers maintain their industrial plant hygiene." The synergistic combination does not only account for the paints and polymer manufacturing, but also for the processing industries including chemicals for inks, adhesives, plastics, textiles, leather, metalworking fluids, lubricants, and building materials.

Preventive hygiene control serves sustainability

Inadequate industrial plant hygiene can lead to microbial disruptions or contamination of raw materials, production water, equipment as well as end products. Contaminated materials, which can lead to equipment failure and loss of productivity, are counter-productive. Therefore, proper industrial plant hygiene, preservation with appropriate biocide formulations and efficient, real time and quantitative microbial control mechanisms such as ATP technology are essential for sustainable production.

ATP technology can reliably quantify microbial content in any sample such as water, chemically complex samples, solids as well as on surfaces. It provides results within minutes. “No microorganism goes undetected in quantitative analyses using 2nd generation ATP technology. There are no false-positive/false-negative results compared to conventional methods,” Stegeman explains. The test can be performed both in the laboratory and directly on-site at the plant. ATP technology can be used to determine the concentration of total biomass – including bacteria, yeasts and molds. The emphasis in using the tests is on prevention, not post-treatment.

“As a next step, we are planning joint webinars on ATP technology, plant hygiene and material preservation to explain the benefits of this holistic approach to our customers,” announces Seidenstuecker.

LANXESS offers a broad product portfolio of active ingredients, preservatives and disinfectants. They effectively protect materials and substances from spoilage by microorganisms such as bacteria, yeasts, molds and algae. Detailed information is available on the website <https://lanxess.com/en/Products-and-Solutions/Industries/Microbial-Control>.

Images



LANXESS' comprehensive biocide solutions are a perfect match to the ATP technology from Tennants. The synergistic combination helps customers maintain their industrial plant hygiene.

Photo: LANXESS



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LANXESS is a leading specialty chemicals company with sales of EUR 8.1 billion in 2022. The company currently has about 13,100 employees in 32 countries. The core business of LANXESS is the development, manufacturing and marketing of chemical intermediates, additives and consumer protection products. LANXESS is listed in the leading sustainability indices Dow Jones Sustainability Index (DJSI World and Europe) and FTSE4Good.

Forward-Looking Statements

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