



SGD Pharma successfully trials hydrogen burners at its Saint-Quentin-Lamotte (SQLM) plant to accelerate its ambitious decarbonization roadmap

Paris La Défense, FRANCE, 05.03.2024 – At the end of January, SGD Pharma, a global leader in glass primary packaging for the pharmaceutical industry, started a two-week trial using 100% hydrogen burners for industrial-scale glass production. The trial, conducted at SGD Pharma’s state-of-the-art Saint-Quentin-Lamotte (SQLM) manufacturing plant in France, was a resounding success and will inform SGD Pharma’s decarbonization roadmap which aims to reduce CO₂ emissions from 2020 by 35% in 2030 and by 65% in 2040.

During the trial, up to 50% of the burners at SQLM were converted to operate using a combination of hydrogen and oxygen combustion instead of the previously used Oxygas. The hydrogen burners contributed around 75% of the total volume of combustion gases. Air Liquide supported SGD Pharma during the trials by the provision of equipment and hydrogen as well as technical assistance and expertise. The outstanding results of the trial confirm the possibility of using hydrogen to decarbonate the combustion of our furnaces.

SGD Pharma intends to lead the decarbonization of the glass pharma industry and this step is just the latest on its ambitious roadmap. CEO Olivier Rousseau explains: “We have been working with the Science Based Targets initiative (SBTi) on the reduction of CO₂ emissions across our five glass manufacturing plants (including SQLM in France, our two other EU plants, and both our Indian and Chinese plants) and have developed a 1.5°C decarbonization pathway and target validation. As part of the plan, we are currently rebuilding one of the furnaces at SQLM which will increase electricity output of the furnace by 40%. The trialed hydrogen burners will help us to achieve our SBTi targets and to continue with the investment in our SQLM plant which is the world’s most advanced pharma-grade glass manufacturing plant, as well as upgrading our other sites across multiple geographies.”

For more information on SGD Pharma’s CSR commitments, visit the SGD Pharma website: <https://www.sgd-pharma.com>

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About SGD Pharma

SGD Pharma is a global producer of molded and tubular glass for pharmaceutical primary packaging. Building on over a century of expertise, we provide exceptional quality packaging solutions dedicated to parenteral, oral, and nasal products for every therapeutic application. Our worldwide clients are supported by more than 90 agents and distributors and benefit from ongoing innovation at our five best-in-class ISO 15378 certified, GMP compliant manufacturing plants, giving a truly global supply chain infrastructure.

Marketing & Communication SGD Pharma

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