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Focuses on Technology Development for Sustainable Semiconductor Manufacturing Processes

Nippon Sanso Holdings Group's Japanese industrial gas company, Taiyo Nippon Sanso Corporation (Headquarters: Shinagawa-ku, Tokyo; President: Kenji Nagata; hereinafter referred to as "TNSC"), has decided to accelerate the development of gas technologies that enable the reduction of environmental impact, aiming to achieve sustainable semiconductor manufacturing processes.

Nippon Sanso Holdings Group has outlined key strategies in its mid-term management plan, including "promoting sustainability management," "exploring new businesses aimed at achieving a carbon-neutral society," and "expanding the electronics business." The group aims to contribute to the reduction of global greenhouse gases (GHG) through its products and technologies.

In line with these strategies, TNSC participate in the research program "Sustainable Semiconductor Technologies and Systems (SSTS)" led by imec, one of the world's leading research and innovation hubs in nanoelectronics and digital technology, which aims to reduce the environmental impact of the entire semiconductor industry.

By leveraging synergies between TNSC's and Nippon Gases's, Nippon Sanso Holdings Group's European industrial gas company (Headquarters: Madrid, Spain; President: Raoul Giudici), expertise in gas handling and gas chemistry and imec's extensive knowledge of semiconductor manufacturing, we will promote technology development that contributes to a sustainable society.

【Company Overview】

Taiyo Nippon Sanso Corporation

Business description: Manufacture and sale of various industrial gases such as oxygen, nitrogen, argon, LP gas, gas for medical uses, and specialty gases, manufacture and sale of welding equipment and materials, gas-related devices, and, air separation equipment, assembly, processing, inspection of electrical components, and equipment maintenance

Established: October 30, 1910

Incorporated: February 4, 2020

Capital: 1.5 billion yen

Shareholder: Nippon Sanso Holdings Corporation (Investment ratio: 100%)

Revenue: 414.3 billion yen*

*Note: This figure shows the revenue of Japan for Nippon Sanso Holdings Corporation in FYE2024

Taiyo Nippon Sanso Corporation

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