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Sanden Corporation

Companies participating in ICQ visited Sanden Yattajima Plant Sanden's Quality Initiatives Received High Praise

On September 4, 2025, representatives from leading domestic and international companies and organizations participating in the International Conference on Quality 2025 (ICQ2025), one of the world's largest quality conferences, visited Sanden's Yattajima Plant.

ICQ is a distinguished international conference on quality, held regularly since 1969. This year marked the first occasion in 11 years that the conference was hosted in Japan. From September 1 to 3, representatives of various companies and organizations delivered presentations on the latest initiatives at a venue in Tokyo.

On September 4, as part of a special program titled "Company Visits (On-Site Tours)," participants toured seven sites operated by six Japanese companies known for their quality-focused management. Sanden is honored to have been selected as one of the host companies.

[The International Conference on Quality 2025 | COMPANY VISITS](#)

● "Factory Visits and Case Studies of QC Circle Activities"



Factory Tour



Presentation of TQM-Based Improvement Cases

During the visit, participants toured the electric compressor and heat exchanger production lines and were introduced to one of Sanden's key quality initiatives: a case study of improvement through QC Circle Activities. The electric compressor production line they toured utilizes automation technology to reduce manpower and employs traceability for a high-precision production system. Additionally, the heat exchanger production line garnered significant interest by demonstrating a high-quality brazing process through the optimization of heating methods and temperature control.

The Brave Circle (Japan Business Division, Business Plant, Manufacturing Department, Compressor Manufacturing Section 2, Group 3 – Kawasaki san and Fujii san) presented a case study titled "Improving Productivity by Reducing Cycle Time in Shim Thickness Measurement Process," which is an excellent example of QC Circle Activities.

During the course of the program, participants posed specialized questions regarding quality-focused activities unique to companies engaged in such initiatives, such as "human resource development efforts in QC Circle activities" and "traceability of production line inspection results." This provided a valuable opportunity for mutual exchange.

● Feedback from Participants

We have received extremely high praise from participants regarding this visit. Representative comments received included the following:

Impressed by Industry-Government-Academia Collaboration and Quality Education

Mr. N, the GM of the Quality Assurance Division at Quality Assurance HQ in K Corporation in Japan

I was impressed to learn that, while advancing automation in the electric compressor process, Sanden has continuously improved gas leak prevention. Furthermore, in the air conditioner condenser brazing process, Sanden promotes quality improvement activities through industry-government-academia collaboration.

I was impressed by the quality education initiatives, which are being vigorously pursued alongside QC circle activities. During the tour, it came to my attention that Sanden has previously been awarded the Deming Prize and has implemented a strategy for continuous improvement of its business processes.

I believe these initiatives contributed to business expansion and the generation of knowledge and value.

I would like our company to use them as a reference. Together, let's continue to share the Japan-born quality with the world.

Highly Appreciated the Kaizen Culture Driven by 5S and QC Circle Activities

Ms. P, Senior Manager of the TQC Department in T Corporation in India

Through the daily management of the manufacturing shop floor using 5S, I could sense a culture of continuous improvement. In the improvement examples presented from the QC Circle activities, they tackled productivity improvements using a systematic QC Story approach. The new technological development related to brazing was also outstanding, and the Kaizen implemented throughout the entire process was excellent. During my visit to Sanden, I had the opportunity to witness numerous instances of TQM in action. I would like to express my gratitude to the tour hosting team for their enthusiastic and dynamic presentation.

Impressed by Automated Lines and Advanced Quality Management Using Data

Mr. M, Chief Specialist of the Advanced Information Management Division in I Corporation in Japan

Despite the demanding conditions of high-mix, small-lot production, the advanced optimization strategies employed on the condenser assembly line, including innovative production line and jig layouts, were noteworthy. On the compressor automated line, I was impressed by the stringent quality control measures in place, which included the recording of product quality information via MES (Manufacturing Execution System) and the implementation of SPC (Statistical Process Control) for trend management. In the QC Circle activities, the "persistently dedicated" approach to meticulously implementing improvements was particularly noteworthy. The system for sharing activity results, designed to replicate successful cases, was also well-established. This underscored the perception that a robust foundation for improvement activities has been established company-wide.

We also received the following comments from other participants.

- "I could really relate to the challenges of promoting such activities, and I would like to exchange opinions separately."
- "They sincerely responded to participants' questions and spoke openly about the issues they faced."
- "They prepared presentation materials that were very easy to understand."

- **The Challenge of Quality: Aiming to Be a Trusted 100-Year Company**

Sanden positions quality, environment, and globalization as the three pillars of its management, with the aim of contributing to a sustainable society. In 2023, marking its 80th anniversary, Sanden declared the year as the “Year of Quality” and has since accelerated its quality enhancement efforts. The experience gained through this program will further strengthen and accelerate continuous improvement, as Sanden strives to become a trusted 100-year company. The entire company will continue to challenge collaboratively.

Contact info for inquiries

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