

Greeting upon the Publication of 2019 Winter Issue



We wish you a Happy New Year 2019.

I would like to express my sincere gratitude to all of the readers of VALQUA Technology News.

We have entered the final year of the Heisei era and as we reflect back on the technological environment and trends of the past few years, the rapid changes and progress in information technology including IoT and AI has drastically changed the core value of the IT industry. For such technological innovation that brings impactful changes to the market, the keyword of “Connectivity” comes into play in innovative technology. Collaboration among companies from various fields and technologies is now achieved in the digital space using IT technologies along with the concept of open innovation.

In a world where new waves of technological innovation are surging forward, and as this year marks the 92th anniversary since the company’s founding, our Group will further promote globalization and open innovation in technological development activities. We aim to combine our accumulated technological know-how with leading-edge technologies to create authentic customer solutions from the customer’s perspective and to deliver them with speed. Throughout these activities, we would also like to value the “Connectivity” with our Group’s customers and partnerships as well as our views for the environmental and economic sustainability when delivering products and technological solutions to customers as a result of our activities as “H&S Company”.

This issue of Technology News consists of 3 parts which continues on from the previous issue: the real-life examples from “Customer Solution” which is provided by our Group, the articles that introduce our Group’s technologies, and the introduction of new products. In the real-life examples of “Customer Solution,” we introduce our predictive maintenance technology which detects abnormalities in marine equipment and delivers “safety and security” with a system that combines our proprietary sensing technology and material technology. This section also lists the contributions from customers who have experienced our Group’s on-the-job training equipment and learning program on flange tightening. As for technical articles, we have picked up themes related to the characterization of large diameter flange tightening, processing technology and an evaluation method of lining tanks, and published them to provide readers with technical reviews for reference.

In addition, we provide information on new products—for example, new materials that show excellent characteristics even in severe environments such as high temperature steam environment—which will be useful for you to select products in the future.

We hope you will continue to enjoy the VALQUA Technology News this year as the new era begins.

Senior Executive Officer, Director of Corporate Research and Development Group **Mutsuo Aoki**