
Greetings upon the Publication of the 90th Anniversary Special Issue



First of all, we would like to sincerely thank our valued readers for their continuing interest in our Valqua Technology News as a means to understand how we are dealing various technological challenges.

We are pleased to celebrate the 90th anniversary of Nippon Valqua Industries this year. We take pride in our contribution to industry development through our fundamental technologies; namely, seal engineering and fluorocarbon polymer processing technologies. Today, various industries are pursuing technical innovation: higher integration and performance in the semiconductor industry, utilization of hydrogen energy to achieve a low-carbon society in the energy industry, and introduction of autonomous driving technology and AI in the information and communications industry. Since our seal and material-processing technologies are closely related to these industries, we have been making great effort to keep pace with technological development and to provide product with value desired by our customers.

We are thankful for the many people who have helped us realizing our technological achievement, and some of them contributed articles to this spring issue illustrating our technological transition from past to present, and our current technologies resulting from the continuous development activities up to today. We have always provided customers with seal products and fluorocarbon polymer products of high value, as well as solution services, through which we have made many technological achievements. As for the technology feature article this issue, like previous one, we introduce these technological achievements mainly from the standpoint of solving customers' problems.

One of our achievements of special importance is that, as the pioneer in seal engineering, we initiated to address the problems of asbestos and totally replaced it with non-asbestos based products ahead of other companies. We have also led the industry in technologies for reliability evaluation and product-lifetime prediction to enhance the safety of non-asbestos products. Through such activities, we have also accumulated deeper technological knowledge and capabilities, and based on these assets together with our seal engineering services expertise, we, offer our customers new value as the H&S

company.

This issue introduces the Seal Quick Searcher[®](SQS) service, and the “Evaluation of High-Temperature and Long-Term Properties of Fastening Bodies with PTFE Gaskets,” a reliability evaluation method for enhanced safety in using seal products. This issue also features case reports how we solved customer’s problems utilizing the solution services related to fluorocarbon polymer processing and seal technologies. We hope you find these reports interesting and useful.

We will continue to monitor current trends and develop unique technologies to offer products and services that meet the needs of our customers. Again, we thank you for your support and hope to continue serving you in the future.

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