

Recent Technology News Back Issues

No.39 Summer 2020

● Greetings

CTO Mutsuo Aoki

● Customer Solutions《Contribution》

Approaches to Improving Construction Quality with Hand Nutrunners (Plug type air-cooled heat exchanger)

Showa Yokkaichi Sekiyu Makoto Hasegawa

General Manager, H&S Sales Division Masayuki Yamabe

● Customer Solutions

Introduction and Application of Seal Quicksearcher (SQS) (Gland Packing)

H&S Sales Division, Technical Solutions Group Kiyohiro Matsumura

● Technical Paper Evaluation of Loosening Behavior of Bolted Fasteners with Fluoropolymer Gaskets

Gasket & Gland Packing Team, Product Development Department, Research & Development Division Koji Sato

● Technical Paper《Contribution》 Technology for Ion Beam Treatment of PTFE

Sumitomo Rubber Industries, Ltd., Hiroaki Nakano

● Product Introductions Sealing materials for high-pressure hydrogen gas

Elastomer Team, Product Development Department, Research & Development Division Ryohei Nishihara

Introduction to Valqua Predictive Maintenance System VALVESTA™-HE210

Elastomer Team, Product Development Department, Research & Development Division Akihiro Nagano

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● Greetings

Representative Director, Chairman & CEO Toshikazu Takisawa

● Introduction to Valqua Technology News No.38 Winter 2020

Director, Managing Executive Officer CTO & CQO Mutsuo Aoki

● Technical Paper Influence of Bolt Tightening Methods on the Sealing Performance of Large Diameter Bolted Pipe Flange Connections

China Research Institute Seal Engineering Development Group Xing Zheng

Product Development Department, Research & Development Division Koji Sato

Product Development Department, Research and Development Division Takahiro Fujihara

Hiroshima University Toshiyuki Sawa

Evaluation of the Compression methods on the Sealing Performance of Gland Packing

Product Development Department, Research & Development Division Masato Hamade

Comparison of Semi-Metallic Gasket' s Performance and Introduction of Kammprofile Gasket Serie

Product Development Department, Research & Development Division Satomi Takahashi

● Product Introductions Introduction of High-speed Opening and Closing Cylinder Valve

Technical Solution Group, Sales Division Satoshi Murayama

Development of Spray Ball™ for Tank Cleaning

Product Development Department, Research & Development Division Mayumi Motoyoshi

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● **Greetings**

Director, Managing Executive Officer CTO & CQO Mutsuo Aoki

● **Customer Solutions (Contribution)**

Proposal of New Anti-Corrosion Technology

Tokyo Densetsu Service Co.,Ltd Misu Tatsuo

● **Customer Solutions**

Introduction to Basic Training of Bolted Flange Connections Assembly with Gaskets
Based on ASME PCC-1

Sales Group Technical Solution Division Hajime Nonogaki

Sales Group H&S Business Takahiro Yamamoto

● **Technical Papers**

Effect of Tightening Methods on Sealing Performance

Corporate Research and Development Group Product Development Division Takahiro Fujihara

China Research Institute Team of Seal Engineering & Development Xing Zheng

Mitsubishi Chemical Corporation Okayama Plant Riichi Morimoto

Guidelines for Selection of O-rings Made of Elastomers, and Solutions for Selection Problems

Sales Group Technical Solution Division Masatsugu Hoshina

● **Product Introductions**

Introduction of TOUGHROBER™: Portable Gap and Level-difference Measuring Instrument

Corporate Research and Development Group P&I Service Development Division Manabu Motoori

New Lineup of High Temperature Gaskets Spiral Wound Gaskets No.H590 Series

Kammprofile Gasket No.HR540H

Corporate Research and Development Group Product Development Division Satomi Takahashi