

“An ISO 9001
Organization
celebrating
its 31st
Anniversary”

Newsletter

Edition –April, 2021

President's Key Message

Badotherm Success Story

COD/ BOD Analyser

Slurry Density Meter

Kanon Success Story

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PRODUCTS



Thermoelectric



Brasten Analyzers



Water Hardness Analyzers



commitment to excellence



Message from the President & CEO, Brasten Group of Companies – Dr AK Kala

Wishing all the customers, employees, business partners and suppliers a very happy and prosperous new year. First, in addition to extending my deepest sympathies to all those affected by the impact of COVID-19, I would like to take this opportunity to express my profound gratitude to all of the medical institutions that are at the forefront of medical treatment and the many people who are working hard to prevent the spread of this virus. With 2020 behind us, we look forward to 2021 with great expectation and hope for a healthier and more equitable future for our community.

2021 is already shaping up to be a new adventure with brand new joys and challenges. With your ongoing commitment and support, we enter 2021 encouraged and inspired to keep moving forward with great expectations of an even brighter future for all.

I always believe that a Company is only as good as the achievements of its employees, thorough governance to ensure strategy execution and working towards restoring trust

Brasten Group will continue to contribute to the society by offering world class technology and solutions for the betterment of the living standard of the society

Badotherm Far East wins prestigious projects in South East Asia

Badotherm Far East has won some prestigious contracts for Diaphragm Seals in South East Asia. Transmitter manufacturers and customers acknowledge Badotherm as their reliable partner for resolving some of the toughest challenges encountered in installing seals for critical applications. This could not have happened without the support of our business partner and the customer's faith on us.

Badotherm facility in Thailand has the capability to refurbish and service damaged and underperforming seals. These seals are backed up with warranty, 24x7 service support and calibration reports confirming to Badotherm Holland Standards.

If you have any queries for diaphragm seal assembly, repair, service or refurbishment, please contact Mr. Fanu Jethi, Sr. Technical Manager at technical@brasten.com

Why COD and BOD measurement so critical?

The chemical oxygen demand (COD) is a measure of water and wastewater quality. The COD test is often used to monitor water treatment plant efficiency. This test is based on the fact that a strong oxidizing agent, under acidic conditions, can fully oxidize almost any organic compound to carbon dioxide.

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Your Global Industrial Automation Partner

Measuring Scale & Optical Path Length

Application	WWTP Influent/ Sewer		WWTP Effluent	River water	Drinking water
	2 mm.	5 mm.	5 mm.	5 mm.	5 mm.
NO3-N mg/L	0.5-10	-	0.2-25	0.3-70	0.1-10
COD mg/L	23-3750	10-1500	2-500	-	-
BOD mg/L	20-1250	10-500	2-300	-	-
TOC mg/L	-	-	-	1-150	0.1-20
DOC mg/L	-	-	-	0.5-75	0.1-10
SAC254 Abs/m	5-750	2-300	2-300	2-300	0.1-40
TSS mg/L	25-2500	10-1000	2-500	-	-
Turbidity mg/L	-	-	-	5-1400	0.5-150
O3 mg/L	-	-	0.1-10	-	0.1-10

Brasten BA SMART UV Vis spectrum probe is a full absorption spectrum probe which analyses water from 190-750nm, which monitors NO3-N, COD, BOD, TOC, DOC, SAC25, TSS, Turbidity Color and O3 (application dependent). Vis Probe incorporates spectrum compensation for light absorbing particles and turbidity which provides unique solution for the monitoring of dissolved organic substances without sample pre-treatment.



Slurry Density Meter – Non-Nuclear Density Measurement

Dredging and mining companies are increasingly looking for non-nuclear measuring instruments, because of stricter government regulations, increasing safety related costs and the need to reduce nuclear waste. Rhosonics helps the industry to create a safe and pleasant work environment by offering non-nuclear (ultrasonic) technology for density measurement in slurries. With more than 700 installations worldwide and more than ten years of experience with ultrasonic density measurement, we believe that nuclear density meters are no longer needed.

For your requirements, please contact Mr. Raymund Q, GM – Analytical Sales at sales@brasten.com



Marine Loading Arm

Thai Oil, a subsidiary of PTT, the largest refinery in Thailand has awarded Marine Loading Arm for their ongoing prestigious project to Brasten-Kanon and the project execution is midway. Our Marine loading arms are manufactured in line with the latest requirements of OCIMF and demands of major oil companies. KANON Marine loading arms require minimal maintenance and all product seals can be replaced without the need of cranes or dismantling the loading arm itself.

Brasten extends its sincere thanks to Kanon for 25 years of association serving Thailand and Myanmar market.

For more information, please write to Ms. Ann Wangsanti at admin1@brasten.com

Brasten Partnership with Yokogawa TechInvent for Chemical Injection Systems for Thailand Market

The FluidCom™ chemical injection solution provides optimal performance with an innovative and cost saving technology. Yokogawa TechInvent has developed a unique design based on the patented FluidCom™ technology that provides integrated flow control and metering using a unique combination of material and thermal effects.

FluidCom™ chemical injection valve and metering controller is a fully automated, simple and reliable device equipped with integrated autonomous valve control, continuous flow metering and self-cleaning functionality.

The unique design of FluidCom™ valves includes minimal mechanical moving parts and is proven to provide operators with an accurate, reliable solution to control chemical injection applications with no regular maintenance required.

For any requirement, please contact Mr. Murali Krishnan, GM-Global Business at gb@brasten.com





Brasten Facility Expansion

Brasten has plans to extend manufacturing facility for online water quality monitoring analyzers at the adjacent zone near to the current premises. The ground breaking ceremony was performed in the month of March, 2021. The construction is expected to start post monsoon. This expansion is intended to deliver quality analyzers at a very competitive cost.

Bhima Cares Foundation

Bhima Cares Policy Intends to:

- Strive for economic development that positively impacts the society at large with minimal resource footprint.
- Embrace responsibility for the Company's actions and encourage a positive impact through its activities.

An old age home is being constructed to take care of the under privileged children and senior citizens who need special care and attention. The completion is expected by end of 2021.



500+ Satisfied Customers



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