

Deodorizing and energy-saving type

Patent technology
Ozone oxidation method
using swirling jet

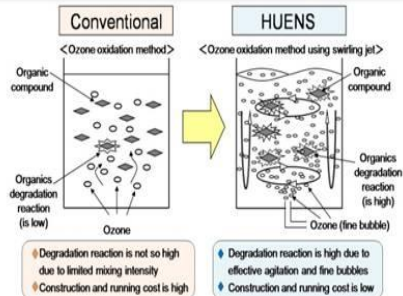
Oil-containing wastewater treatment systems

One of our principles is to protect your environmental facilities permanently as “resources for global environment conservation” by our consistent maintenance system.

Special features

- A small amount of sludge during the treatment
- Excellent deodorization and decolorization performance
- Lower construction and running cost as energy-saving type
- Stable quality of treated wastewater without the effects of oil and detergent
- Compact and space-saving

Patent technology
Ozone oxidation method using swirling jet



24-hour remote monitoring and control system



Processing status



We will provide the environmental cleanup system with a concept of the high-quality, low-cost and a longer operation life.

Huens Co., Ltd

Head office Minami 13-19, Higashi 4 jyou, Obihiro, Hokkaido, Japan

TEL. +81-155-27-0011 FAX. +81-155-27-0013 URL: <http://www.huens.co.jp/>

Information security management system



ISO 27001 (Certification No. IS511132)

Quality management system



ISO 9001 (Certification No. FS511133)

Environmental management system



ISO 14001 (Certification No. EMS511134)



Human Engineering & Systems

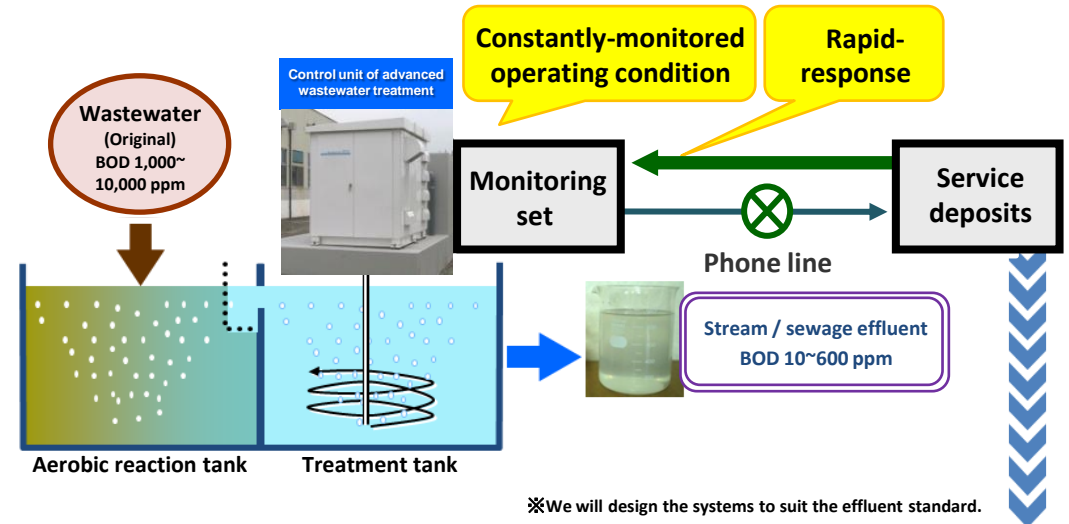
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Special features of ozone wastewater treatment using swirling jet

Ozone oxidation method using swirling jet

- Effective agitation using swirling jet
- Energy-saving and remarkable impact by dispersing fine bubbles of ozone using swirling jet
- Effective and stable degradation of oil and antibiotics
- Lower cost and optimum suggestion based on analytical estimation of drainage sample
- Maintenance system by professional engineer who think first of stabilizing the quality of treated wastewater and longer operation life of system
- Alliance with Hitachi Building Systems Co., Ltd. to remote monitor in 24 hours a day, 365 days a year
- Rapid-response service for unexpected problems from around the country

Basic system flow



Rapid-response! 24-hour and 365-day remote monitoring!!

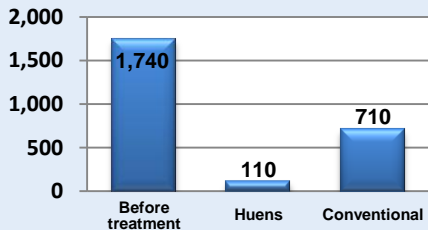
<Control center of Hitachi Building Systems Co. Ltd.>



We will be in your place from 350 service deposits around the country.

We allied with Hitachi Building Systems Co., Ltd. to have a reliable 24-hours and 365-days remote monitoring system. You can get our rapid-response for unexpected problems from around the country.

Comparison of BOD₅ value



	Before treatment	Huens	Conventional
BOD ₅ (mg/L)	1,740	110	710
Reduction rate (%)		93.7%	59.2%

※Ozone conc. 42g/Nm³

Reaction efficiency is highly enhanced in the ozone oxidation method with swirling jet than the conventional one!!

Delivery place

- Treatment facilities of detergent drain from milking equipment
 - Agricultural University
 - Agricultural high school
 - Farm
 - Agricultural association company
- Wastewater treatment facilities of school lunch center
- Food-processing wastewater treatment facilities
 - Noodle plant
 - Food factory
 - Dairy products factory
 - Confectionery factory
- Treatment facilities of detergent drain of livestock
 - Livestock competitive exhibition place
- Treatment facilities of piggery excreta drain
 - Animal industry
 - Breeding pig farm
 - Piggery union



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