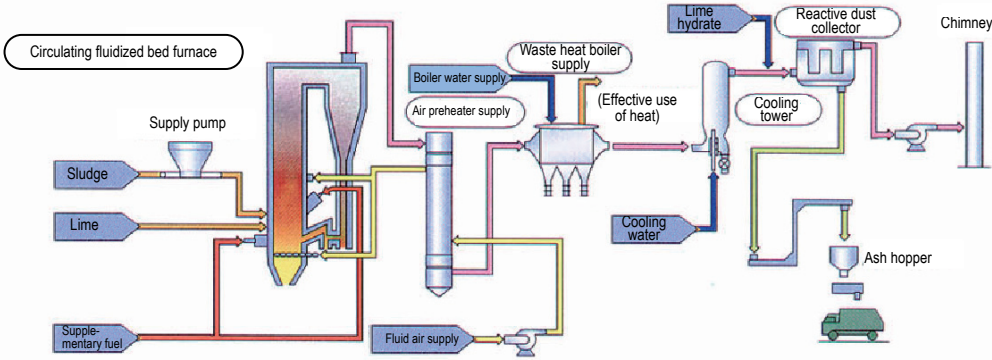


Technical Information Sheet

1. Name of technology	Fluidized bed sludge incineration system (Mitsubishi Sewage Sludge Incinerator)
2. Type of technology	Incineration system with a fluidized bed furnace for sludge Fluidized bed furnace: BFB, Circulated fluidized bed furnace: CFB
3. Description of technology	<p>[Objective and application of the technology] Sludge is incinerated to reduce volume and prevent odors.</p> <p>[Characteristics of the technology] BFB and CFB use aeration pipes to feed air to the bottom of the furnace. Because half of the combustion air is secondary air, a low power blower is used. In CFB, sludge can be desulfurized by putting lime in the furnace. Less N₂O is generated. (The following figure shows a CFB.)</p>  <p>[Delivery record] CFB: Yokohama 150 t/d BFB: Tokyo 300 t/d, over 30 units of BFB have been constructed in Japan.</p> <p>[Price and other inquiries] Please contact the office and person in charge below.</p>
4. Classification of technology	
(1) Applicable fields	Other (sludge)
(2) Target waste	Other (sludge, etc.)
(3) Services provided	Plant construction, Sales of machinery and equipment, Waste treatment service, Technical cooperation/licensing, Survey/data processing, Other
5. Countries to which this technology can be provided	Europe, Asia, Australia
6. Keywords	Sludge, fluidized bed furnace, external circulation
7. Contact information	Mitsubishi Heavy Industries Environmental & Chemical Engineering Co., Ltd. Export Sales Group, Plant Business Department TEL: +81-45-227-1273 URL: http://www.mhiec.co.jp/