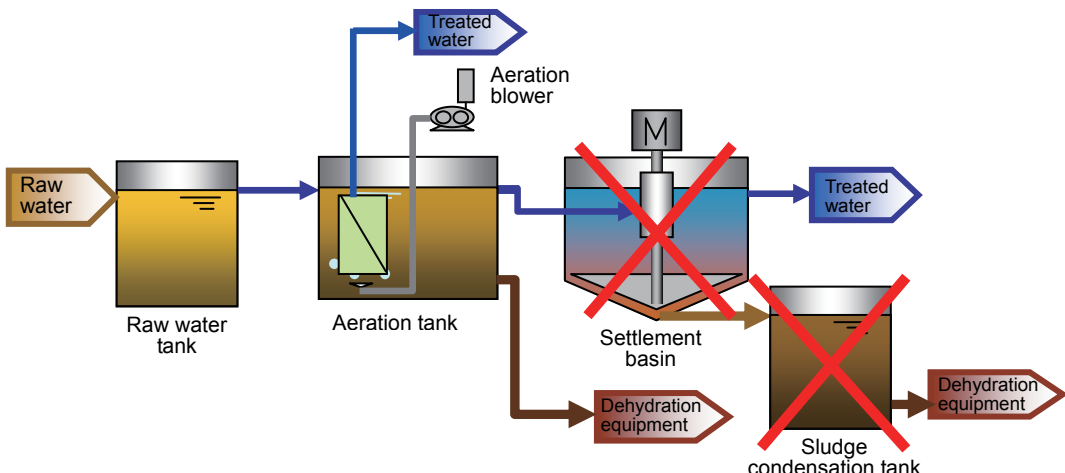


Technical Information Sheet

1. Name of technology	Effluent treatment technology for effluent from plants (membrane separation activated sludge system)
2. Type of technology	Membrane bioreactor (MBR)
3. Description of technology	<p>[Objective and application of the technology] Decomposition of BOD in effluent</p> <p>[Characteristics of the technology]</p> <ul style="list-style-type: none"> (1) Membrane separation eliminates the need for settlement tanks, saving footprint. The sludge concentration is maintained at a high level, enabling high load treatment. (2) Easy operation and water quality management with no bulking (3) Because MLSS is maintained at a high level, no condensation equipment is needed, enabling direct dehydration of withdrawn sludge <p>Objective, application, characteristics, delivery record, and price of technology</p>  <p>[Delivery record] Many</p> <p>[Price and other inquiries] Please contact the office and person in charge below.</p>
4. Classification of technology	
(1) Applicable fields	Industrial waste treatment, Hazardous industrial waste
(2) Target waste	Other (sludge, etc.)
(3) Services provided	Plant construction
5. Countries to which this technology can be provided	No restrictions
6. Keywords	Biotreatment, BOD, microorganism, MBR, membrane separation, high concentration, high load, activated sludge
7. Contact information	<p>MITSUBISHI HEAVY INDUSTRIES MECHATRONICS SYSTEMS, LTD.</p> <p>Water Treatment Sales Group, Environment System Sales Department</p> <p>+81-78-672-4665</p>