

## Technical Information Sheet

<b>1. Name of technology</b>	High concentration sulfuric acid condensation system
<b>2. Type of technology</b>	Concentration of diluted waste sulfuric acid to obtain highly concentrated and purified sulfuric acid
<b>3. Description of technology</b>	<p><b>[Objective and application of the technology]</b></p> <p>This technology is used to recover high concentration, high purity sulfuric acid from waste sulfuric acid.</p> <p><b>[Characteristics of the technology]</b></p> <p>Vacuum operation and the adoption of effect evaporators provide reduced energy consumption in the low concentration range, and low temperature operation and use of general industrial materials lower the cost. Multi-effect evaporators are used for low temperature evaporation and condensation in high vacuum, for which low cost general industrial materials are available. (Evaporation temperature: 100 to 200°C)</p> <div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <p>Objective, application, characteristics, delivery record, and price of technology</p> </div> <div style="flex: 2;"> </div> </div> <p><b>[Delivery record]</b></p> <p><b>[Price and other inquiries]</b></p> <p>Koji Taira, Manager of Tokyo Sales Department, Engineering Division</p>
<b>4. Classification of technology</b>	
(1) Applicable fields	Recycling, Other environment protection technology
(2) Target waste	Other (waste sulfuric acid)
(3) Services provided	Plant construction
<b>5. Countries to which this technology can be provided</b>	No restrictions in particular
<b>6. Keywords</b>	Sulfuric acid condensation
<b>7. Contact information</b>	<p>Kimura Chemical Plants Co., Ltd.</p> <p>Koji Taira, Manager of Tokyo Sales Department, Engineering Division</p>