

Wastewater containing hydrogen peroxide in connection with semiconductor manufacturing

Example of use in a total wastewater treatment facility at a semiconductor and liquid-crystal panel factory

Tank

Raw water tank

Reaction tank

Flocculation tank

Settling tank

Aeration tank

Hydrogen peroxide concentration

No more than X

Retention time:15 min

Asc Super is highly acid- and alkali-resistant, and shows almost no decrease in activity even with high-concentration hydrogen peroxide. It is therefore applicable to treatment of wastewater containing hydrogen peroxide, which is released in processes performed in semiconductor factories, such as substrate-cleaning and etching.

Quantitative addition of Asc Super

Raw water

pH-adjusting agent

Biological treatment process

Flocculant