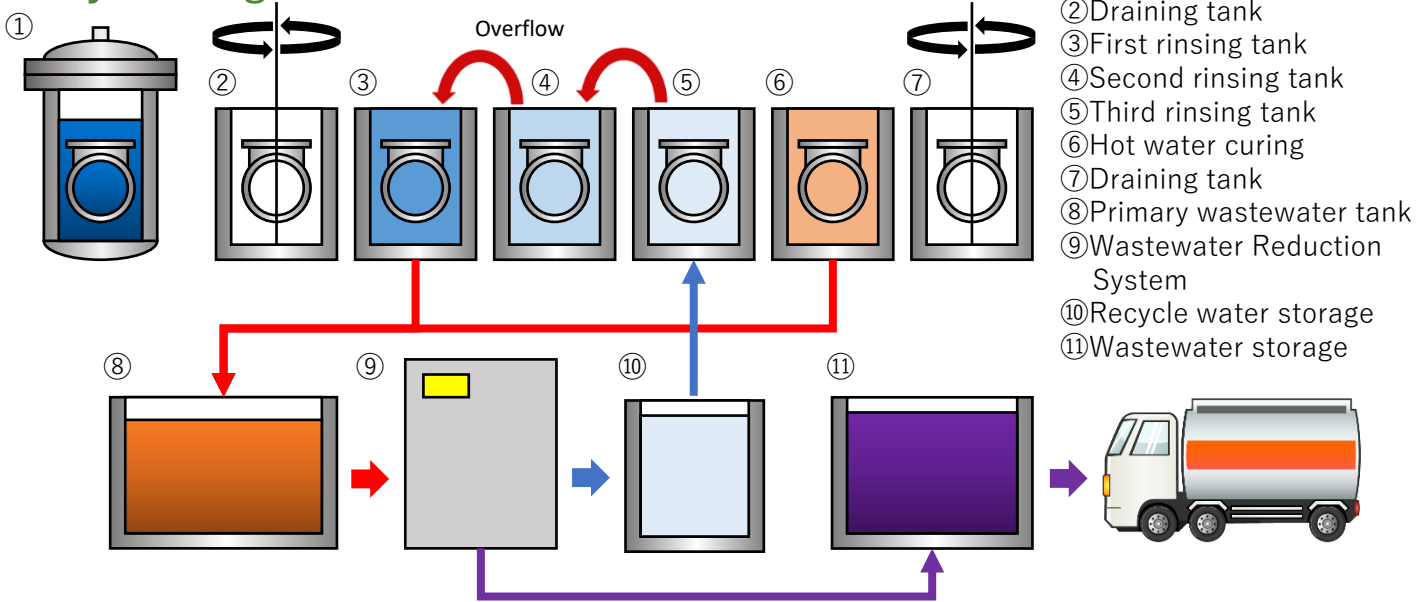


Installation data for Wastewater Reduction System

Layout image



Wastewater is transported to the existing wastewater tank without changing the impregnation process.

When wastewater sent to the primary tank is detected, the system starts automatically.

Automatically stops when the primary tank is empty or the recycled/concentrated tanks are full.

*Recycled water is reused during the replacement of the third (final) rinsing tank, while concentrated wastewater continues to be collected by the contractor as before.

Cost-effectiveness of Equipment Installation (Example:CDS-20)

Wastewater treatment cost : JPY 30 /kg
Water utility cost : JPY 45 /m³

Transportation : JPY 100,000/time
Electricity Cost : JPY 27 /kWh

Before installation

Monthly impregnation usage : 2 drums

Wastewater volume : 96,000 L
Wastewater concentration : 5 %

Wastewater treatment cost : JPY2,880,000
Transportation : JPY1,200,000
Water utility cost : JPY4,320
Electricity cost : 0
Total cost : JPY4,084,320

After installation

* Overflow-type rinsing tank

Wastewater volume : 19,200 L
Wastewater concentration : 25 %

Wastewater treatment cost : JPY576,000
Transportation : JPY200,000
Water utility cost : JPY864
Electricity cost : JPY777,600
Total cost : JPY1,554,464

Cost-effectiveness
JPY2,529,856
約62%Down

* The values shown are on an annual basis.

