

Four Divided Pit Steel Plate Digestion Tank

Developers: Ishigaki Company Ltd.

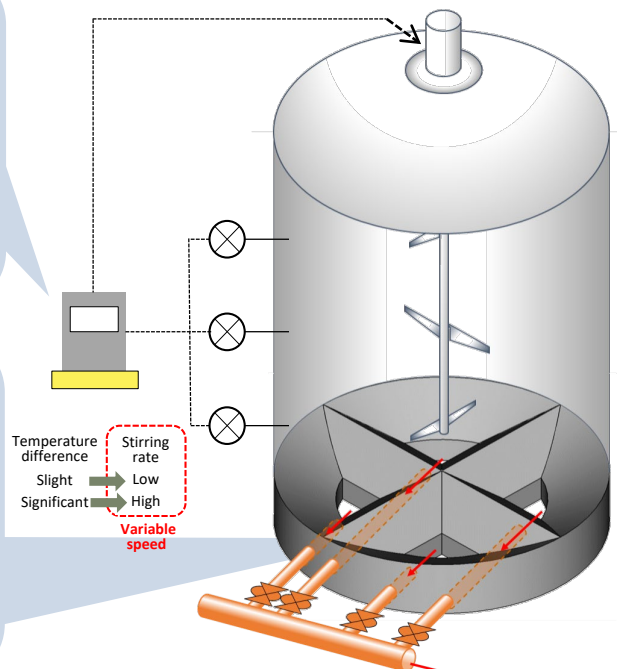
The new steel plate digestion tank has a four-divided pit structure bottom. The structure enables efficient discharge of inside sediment with withdrawing of digested sludge.

Stable control against temperature differences

The digestion tank achieves energy saving by controlling the stirring rate of the impeller stirrers, which detects the temperature difference inside the tank.

Four-divided pit structure

The bottom of the digestion tank has a structure of divided four sections. Each side of the pit has an appropriate slope to collect and withdraw the settled sludge, reducing sediment efficiently.



Target: Primary sludge, Excess sludge

*The new digestion tank applies to mesophilic digestion

*Appropriate maintenance such as anti-corrosive coating secures tank bodies' service life for 35 years

***There is a specific range of sludge properties which you can expect demonstrated performance. Ask JS for details.**

Needs

- Use digestion gas as soon as possible by reducing the construction period of the digestion tank

Benefits

- The steel plate digestion tank body requires a less construction period than a concrete body digestion tank.
- Impeller-type stirrers and stable control against temperature differences achieve energy saving for O&M.
- Efficient discharge of sediment and sediment prevention make maintenance easy.