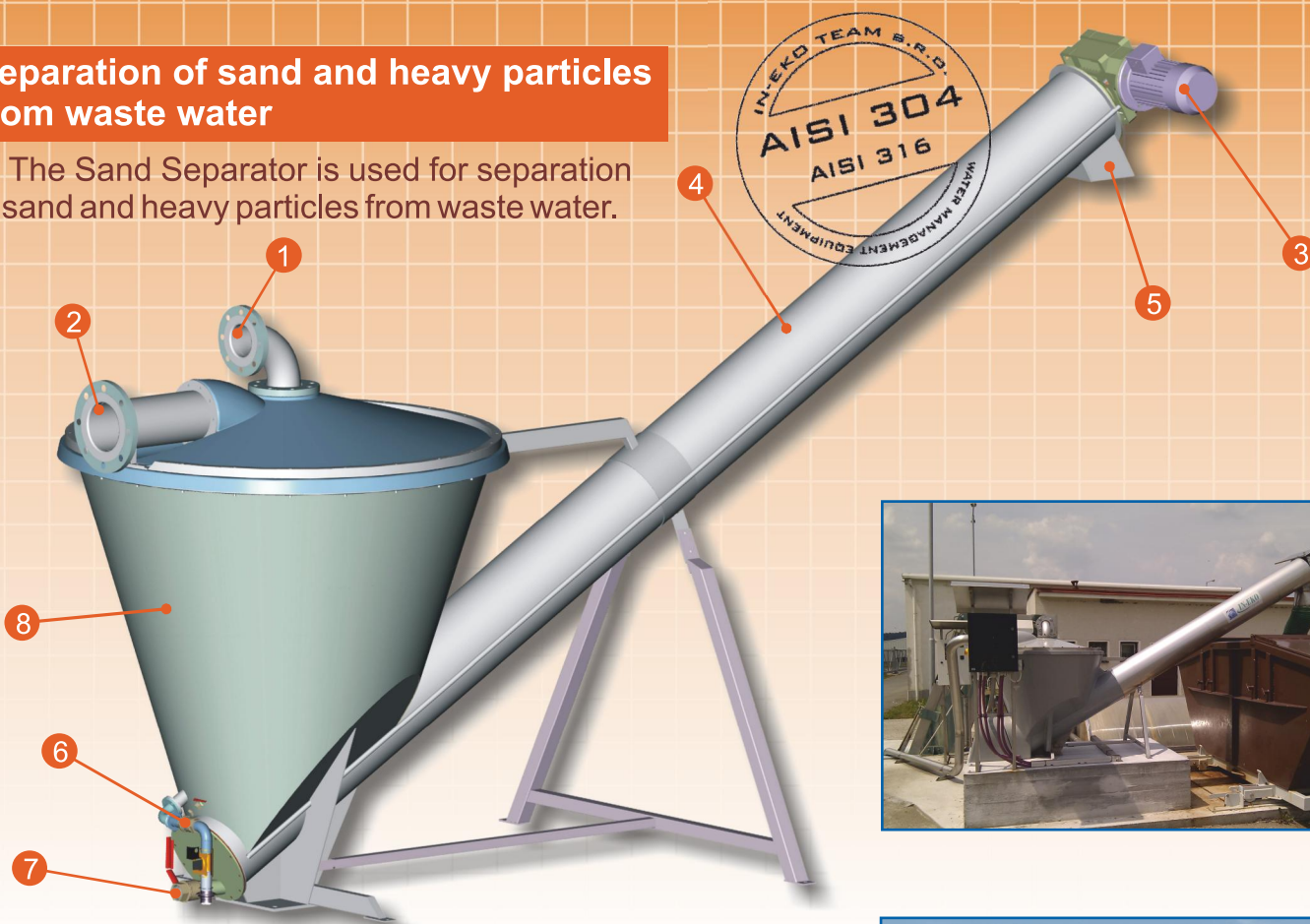


SAND SEPARATOR

Separation of sand and heavy particles from waste water

The Sand Separator is used for separation of sand and heavy particles from waste water.



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1. Inlet
2. Outlet
3. Sand conveyor drive
4. Sand conveyor
5. Sand discharge
6. Pressure water
7. Drainage valve
8. Separation container

Integrated sand washer

DESCRIPTION

Sand separation at waste water treatment plants is necessary for the protection of the machinery of the whole treatment plant. It also prevents creation of undesirable sediments in containers.

The Sand Separator is a unit in which the flow of the water mixture is slowed down resulting in sedimentation of heavier particles. The particles are cleaned of organic matter in the integrated sand washer. The remaining sediment is transported by the screw conveyor to the container.

The unit is connected to the sand trap. The water mixture is normally pumped to the sand separator by an air pump.

PROPERTIES

- It is possible to remove sand grains of 0.2 mm depending on the influent
- Its hydraulically balanced structure eliminates short circuit currents
- Integrated sand washing
- Fully automatic
- Made of stainless steel

Type designation

Q_{OPT}

SP_N5

5 l/s

SP_N10

10 l/s

SP_N15

15 l/s

