Industry – Dairy Processing

QUADBEAM TECHNOLOGIES

Application – Multi-use CIP

Get control of Product Loss / Control your Efficiencies / Control your Risk /Save Money

Product – Quadbeam Technologies S40 Hygienic Suspended Solids Sensor.

The CIP process involves flushing the process system with a range of chemicals some normally heated.

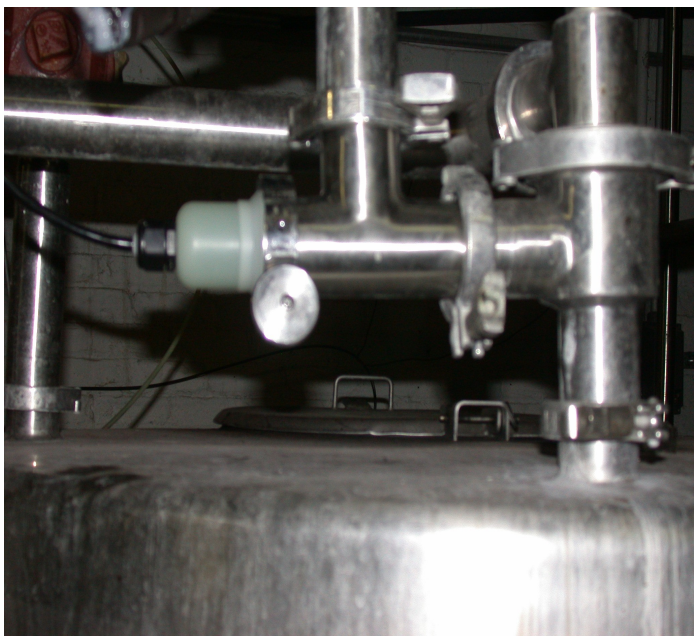
The chemicals and energy for heating them is expensive. Many systems are now multi use with only contaminated water and chemicals going to waste.

Monitoring the level of contamination in the returning chemicals is regularly done using a flow and time calculation and or conductivity. The addition of Suspended Solids monitoring can improve chemical reuse and retention considerably, saving both chemical and energy costs.

The inclusion of an S40-3HY Suspended Solids Sensor in the line means that only the chemicals with the determined level of solids are going to waste.

Due to some of the specific features found in Quadbeam Suspended Solids Sensors they are possibly the only Suspended Solids Sensor capable of reliably working in this application.

- The ration metric system of measuring the alternating NIR light means they self compensate for any fouling on the sensor head or as the electronics age providing long term accuracy and repeatability.
- The body that is exposed to the liquid is machined from a solid piece of material meaning there are no lenses to leak giving Sensor reliability.
- An operating temperature up to 85°C allows them to operate in the elevated temperatures of a CIP environment.
- The simple user interface of the Transmitter means the unit is calibrated against the liquid the actual process, not a predetermined factory setting.



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