

# Full Stream Solids Separation System for Cheese Plant

## Cooling Tower, Pump Seals, & Cooling Fan Protection



### Issue Facing Customer:

Cheese manufacturer's cartridge filters were no longer available. Cartridge filters were replaced at most weekly. This required shutting down the system for replacement. Costs were also substantial for these cartridges. So, they began searching for a new solution that eliminated service requirements, replacements, and provided reliable solids separation for their small cooling towers servicing pumps seals and cooling fans.

### Solution:

They found Epiphene's Award Winning CPH-16 Silt Separators, and they installed one on their existing system.



**Results:** The CPH-16 Silt Separator Filtration Unit achieved their goal of removing all solids protecting their pumps and cooling fans. The CPH-16 worked well eliminating down time for a year and eliminated the costs of cartridge replacements, saving \$1000's and provided stable flow for their process. Pump seals last significantly longer as well. Ultimately when they expanded plant...adding another CPH-16 unit was a no brainer. Overall system reliability increased, and they are looking at other applications to improve plant efficiency.