

BUTTER & CHEESE PRODUCTION

REDUCE OPERATING COSTS, IMPROVE SUSTAINABILITY AND PROTECT ASSETS



Creating the right water treatment program is not “one-size-fits-all”. Plants that achieve the best results select an approach that combine equipment, engineering and chemicals. Kurita America can help you develop an integrated program that will deliver reduced operating costs, improved sustainability and better results. With our long history of outstanding service to the dairy industry, Kurita America has all the tools needed to deliver clean, efficient water systems.

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Holistic Approach

Partner with Kurita America to get an in-depth and comprehensive assessment of your plant. We will help you take calculated, measurable steps to achieve improvements and minimize the total cost of operation with a realistic analysis of your daily operations. Sustainable and guided practices allow our customers to minimize energy use, reduce, reuse and recycle water and minimize waste – creating sustainability gains with a financial payback.

Engineered Equipment Systems

Kurita America has experience with a variety of plant process designs and engineering systems including media and membrane filtration, Reverse Osmosis (RO) builds, Clean-in-Place (CIP) systems, clarification, greywater reuse, high-purity water and zero-liquid discharge systems. Standard and custom RO systems, from 1 GPM to 500 GPM, with your choice of pumps, valves and instrumentation are available.

Water Reuse

As a total solutions provider, Kurita America can assist dairy customers with treating and maintaining Condensate of Whey (COW) water quality to Pasteurized Milk Ordinance Category 1, 2 and 3 equivalents. By maintaining specific guidelines on water quality requirements, plants reduce waste and are able to reuse valuable COW water for everything from final rinses to floor cleaning. COW water has many qualities that make it a valuable resource to reuse; typically it is very pure, contains low conductivity and hardness levels, and also retains latent heat.

Environmental Stewardship

Kurita America is committed to providing sustainable solutions to our customers. Our goal is to deliver a return on investment that impacts the surrounding environment in a positive way. Our programs and services are designed to assist you in further improving the efficient utilization of natural resources and help you to become an even better environmental steward.