Application
Dairy customer wanted an improved method for pasteurization of liquid cheese prior to a spray drying process. The 40% solids cheese slurry was being heated in a batch method with jacketed tanks. Problems with poor temperature control and product burn-on were common.

Process Conditions
- Product Flow Rate: 50 GPM
- Specific Heat: .85
- Specific Gravity: 1.14
- Inlet Temperature: 125°F
- Discharge Temperature: 165°F
- Steam Pressure: 100 PSIG
- Liquid Pressure: 20 PSIG

Solution
Pick Model SC10-3 Sanitary Heater was specified to convert process to continuous, in-line method. The customer was able to triple production while maintaining precise temperature control. Product burn-on was eliminated, thereby improving product quality and reducing maintenance.

Features and Benefits:
- Increased Production
- Instantaneous Response to Temperature Demands
- Precise Temperature Control
- Quick and Easy to Clean

Learn more at www.pickheaters.com
Pick Heaters, Inc. — 730 S. Indiana Ave. — West Bend, WI 53095 USA
Phone: (262) 338-1191 — Email: info1@pickheaters.com