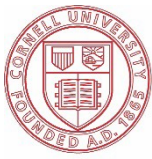


UHT & HTST PASTEURIZER WORKSHOP

OCTOBER 10-12, 2017

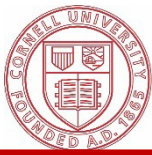
TUESDAY, OCTOBER 10, 2017 UHT AND HTST BASICS

8:00am	Registration & Coffee	
8:15am	Welcome and Introductions, Pre-test, Group Formation	
Time	Topic	Instructor
8:30am	UHT Components & Instruments	Gary Ratajczak, Anderson Instrument Co.
10:00am	Sequence Logic UHT Charts	Becca Durant, NYS Dept. of Agriculture & Markets
10:30am	Break	
10:45am	Operating with a Broken Seal	Becca Durant, NYS Dept. of Agriculture & Markets
11:15am	Regulatory Tests for UHT	Oscar Cox, NYS Dept. of Agriculture & Markets
12:15pm	Lunch	
1:00pm (Combined Course begins)	<ul style="list-style-type: none"> • Dairy Microbiology • Product Safety • Product Quality 	Dr. Martin Wiedmann, Cornell University
2:00pm	Recording Charts	NYS Dept. of Agriculture & Markets
3:00pm	Break	
3:15pm	Cleaning and Sanitizing HTST & UHT Systems	Dana Lively, Ecolab Food & Beverage



WEDNESDAY, OCTOBER 11, 2017 EQUIPMENT & TESTING

8:15am	Day 2 Overview Q & A	
8:30am	Equipment Design	Rick Rector, Seiberling Associates, Inc.
10:00am	Break	
10:15am	Equipment Design continued	Rick Rector, Seiberling Associates, Inc.
11:00am	HTST Instrumentation	Gary Ratajczak, Anderson Instrument Co.
12:30pm	Lunch	
1:15pm	Operating with a Broken Seal Regulatory Test Review	Becca Durant & Oscar Cox, NYS Dept. of Agriculture & Markets
2:45pm	Break	
3:00pm	Maintenance of HTST Systems	Josh Atchie, UDMC
4:15	Adjourn	



THURSDAY, OCTOBER, 2017

BREAKOUT SESSIONS & SYSTEM MAINTENANCE

8:15am	Day 3 Overview Q & A	
8:30am	HTST Testing: Demonstrations and Hands-on Sessions	
	Group 1: Safety Thermal Limit (STLR) Device	Gary Ratajczak, Anderson Instrument Co.
	Group 2: HTST Holding Time & Flow Rates**	Becca Durant, NYS Dept. of Agriculture & Markets
	Group 3: Safety Thermal Limit Recording (STLR) Device [ABB STLR]	Grant Fine, ABB, Inc. Vickie Pederson, NYS Dept. of Agriculture & Markets
	Group 4: Flow Diversion Device-Valve Testing	Shannon Brown, NYS Dept. of Agriculture & Markets Bob Harrington, Robert Harrington Enterprises
	Group 5: Pressure Differential & Dart Thermometers	Bruce Krohn, Anderson Instrument Co.
Groups switch at 9:30, 10:30, and 11:30		
12:30pm	Lunch	
1:15pm	Final station	
2:15pm	Broken Seal Policy Review Phosphatase Testing & Sampling	Oscar Cox, NYS Dept. of Agriculture & Markets Bob Harrington, Robert Harrington Enterprises
3:30pm	Program review Post-test	

**** Sequence Logic Demo for groups with UP/UHT/HHST Personnel**