

Custom Training Program Development for Meeting Regulatory Requirements for a Major Dairy Manufacturer

MAVERICK developed, implemented, and continues to provide regulatory training to plant personnel for a major dairy manufacturer. The custom course addresses all dairy-based training needs with regard to the theory of pasteurization, microbiology, HTST, HHST, UHT, instrumentation, and overall regulatory requirements.



Main Objective

Customer personnel needed specific knowledge and practical training to avoid microbial cross-contamination issues within plants to insure the passage of various FDA tests. The client requested that MAVERICK develop and implement a custom training program specific to their industry.

Customer Results

The project met and exceeded the client's expectations. The initial training course is still provided today and is continually updated with the most up-to-date advancements in the dairy industry. As a result of this customized training program and other continued innovations in the dairy industry, a wide variety of milks and other dairy foods are available to meet the varied tastes, usage, nutrient needs, and health concerns of consumers.

Application Description

MAVERICK's team of technical experts successfully developed a three day custom training course that included the following:

- Theory and history of pasteurization, including the history of Louis Pasteur.
- Theory of microbiology and pathogens.
- Types of pasteurizers and their purposes.
- Vat or batch pasteurization principles.
- Details of HTST (High Temperature, Short Time).
- Details of HHST (Higher Heat Shorter Time).
- Details of UHT (Ultra High Temperature).
- HTST troubleshooting tips.
- Legal instrumentation used for pasteurizers.
- Legal control systems for pasteurizers.
- US regulations / FDA / USDA / PMO.
- Theory of PLCs and ladder logic.
- PLCs and ladder logic for pasteurization.
- Operator preparation for the FDA State Pasteurizers Exam.
- Operator preparation for the hands-on exam with the state inspector.

The MAVERICK Difference

Knowledge is power and as a result of this customized training, the company was able to educate its workforce and meet the stringent requirements of the US regulatory entities.