



HTST Pasteurization System

Grade A Pasteurized Milk Ordinance Approved

System Options:

1. Timing Pump Systems
2. Magtube Systems
3. Vacuum Treatment
4. Percent Fat Separation and Standardization of Milk
5. Homogenization and Percent Fat Separation and Standardization of Milk
6. UF Milk and Standardization System
7. RO Milk and Standardization System



CUSTOM FABRICATING AND REPAIR
P.O. BOX 296 1932 E. 26th ST.
MARSHFIELD WI.
1-800-236-8773



System has two controls groupings:

1. **General system controls** (controls all components not tied to the flow diversion valve control)
 - a. System control PLC
 - b. System operation touch screen
 - c. CIP program variable adjustment on OIT
 - d. Temp, flow, and level set points
 - e. PID loop control adjustment on OIT
2. **Flow Diversion Controls** (work with the flow diversion valve, leak detect valve, regenerator bypass valve, booster pump and timing pump to ensure proper pasteurization)
 - a. Diversion Control PLC
 - b. Temperature diversion controller/recorder
 - c. Flow rate diversion control/recorder
 - d. Regenerator differential pressure switch
 - e. Mode select switch
 - f. Manual diversion pushbutton

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