



DRY-IMO-003	Dairy
Revision: 1.0	Unrefrigerated Bulk Tanks
Approved: 07Jul2021	ATCP 65.16(4)

**TO:** Dairy Industry and Dairy Section Staff

**FROM:** Tim Anderson

**SUBJECT:** Bulk tank cooling capacity

### 1.0 Purpose

ATCP 65.16(4) details the cooling requirements for bulk milk tanks. There are circumstances where bulk tanks do not require refrigeration. This document provides clarification on when refrigeration is not required while still complying with administrative code.

The purpose of this document is to allow farm raw milk storage tanks or unrefrigerated bulk tanks to be used on farms.

### 2.0 Scope

This interpretive memo applies to dairy farms.

### 3.0 Definitions

#### 3.1 Unrefrigerated bulk tank

- 3.1.1 A bulk tank that meets ATCP 65.16(1), (2), and (3), but with no cooling capacity  
**OR**
- 3.1.2 A Farm Raw Milk Storage Tank that meets the requirements of 3-A Sanitary Standard, Number 30-02.

### 4.0 Interpretation

4.1 The milk producer may utilize unrefrigerated bulk tanks as long as the following requirements are met:

- 4.1.1 The tank is equipped with a temperature recording device as described in ATCP 65.16(3)
- 4.1.2 The milk producer first cools all milk to a temperature of 45° F. (7° C.) or lower before the milk enters the unrefrigerated bulk tank. The milk producer may use

a plate cooler, tube cooler or bulk tank to cool the milk. Coolant used in cooling devices shall comply with the requirements of s. [ATCP 65.10 \(6\)](#).

- 4.1.3 Milk shall be transferred via a method that prevents contamination of the milk and transfer equipment shall be washed and sanitized in accordance with [ATCP 65.12\(4\)](#) and (5).
- 4.1.4 Milk shall be collected as per ATCP 82.10
- 4.1.5 The tank shall be cleaned per ATCP 82.10(11)
- 4.1.6 Partial pickups from unrefrigerated bulk tanks are allowed when in compliance with [ATCP 82.10\(11\)\(am\)](#).

## 5.0 Contacts

Tim Anderson, Manager Dairy Section

## 6.0 References

- 6.1 ATCP 65.16 Bulk tanks and bulk transport containers.
- 6.2 3-A Sanitary Standard for Farm Raw Milk Storage Tanks, 30-02

### 7.0 Document History

The most recent changes to this controlled document are listed at the top of the table:

Revision	Author	Change Description	Approval Date
1.0	T. Anderson	New Document.	07Jul2021

### 8.0 Approval

6/25/2021 1:00 PM	Task Completed	<input type="checkbox"/> Sprecker, Troy S	Task assigned to Sprecker, Troy S was approved by Sprecker, Troy S. Comments:	Approved by Sprecker, Troy S
6/28/2021 12:33 PM	Task Completed	<input type="checkbox"/> Anderson, Timothy P	Task assigned to Anderson, Timothy P was approved by Anderson, Timothy P. Comments:	Approved by Anderson, Timothy P
7/6/2021 12:37 PM	Task Completed	<input type="checkbox"/> Millard, Amy M	Task assigned to Millard, Amy M was approved by Millard, Amy M. Comments: Reviewed. No edits. Thank you	Approved by Millard, Amy M
7/7/2021 7:59 AM	Task Completed	<input type="checkbox"/> Ingham, Steve C	Task assigned to Ingham, Steve C was approved by Ingham, Steve C. Comments: Made very minor edits and saved. Approve.	Approved by Ingham, Steve C