

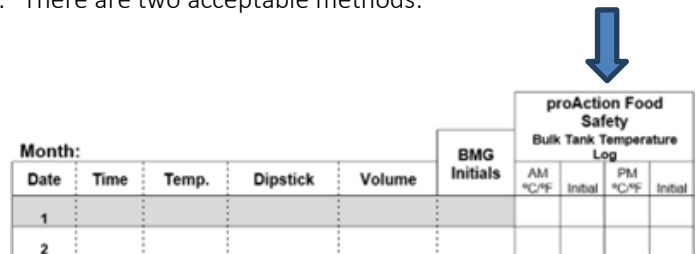
Bulk Tank Temperature Recording

TTRs no longer mandatory, recording requirement remains.

Time temperature recorders (TTRs) were a mandatory requirement of Nova Scotia's CQM program beginning the early 2000's. At that time, there was funding available to offset the cost of this equipment. TTRs provide useful information with alarms and data that can prevent the loss of a tank of milk or help resolve quality issues. However, after being in place for 15+ years, many TTRs have begun to show their age. Replacement cards are not readily available, and validators no longer have the technology to easily access the alarm data from these machines. Replacement unit options are limited and expensive.

The future of TTRs was reviewed by DFNS directors and milk committee members, resulting in the Board taking the decision to remove the mandatory TTR requirement for Nova Scotia producers. However, bulk tank temperature recording is still a requirement but it is now the producer's choice on how to do that. There are two acceptable methods:

Manual Recording: If no TTR is installed on farm, producers must record the temperature manually after each milking. It must be taken at the same point in the routine and both the temperature of the milk and the person's initials recorded. Producers will notice a trend in the temperatures. The new bulk tank pick up charts allow for this manual recording to be captured.



Month:						BMG Initials	proAction Food Safety Bulk Tank Temperature Log			
Date	Time	Temp.	Dipstick	Volume		AM °C/°F	Initial	PM °C/°F	Initial	
1										
2										

Another option is on a calendar with the morning temperature and initials at the top of the block and evening temperature and initials on the bottom of the block.

Time Temperature Recorder: If you decide to continue with a TTR, you will be responsible for the providing the alarm history from the previous 12 months at the time of the validation. To obtain the temperature and alarm history for a DairyCheq Milkguard you will need a card reader. Unscrew the front plate on the TTR. The memory card is on the bottom of the door.

1. Go to <http://dairycheq.com/products/downloads/>
2. Click on Downloads on the tool bar
3. Fill in farm information, click on download software
4. Pick the box that looks like yours (most will be the bottom one)
5. Following remaining prompts
6. Save or print documents for validation

For other brands of TTR products, please consult with your service provider.

If you have an automatic milking system (AMS/robots) TTRs are mandatory unless the AMS unit can capture the information and provide alarms as outlined in the reference manual. This is a program requirement and does not change based on the DFNS decision.

Time temperature recorders also capture the wash water temperature of the bulk tank and pipeline on each and every wash. The monthly equipment check (Record 13) requires the temperature of the pipeline wash water to be checked and recorded once a month. If you forego a TTR on your farm, you must record this manually moving forward.

Producers are reminded that bulk tank temperature recording is still a mandatory requirement. Any deviation of temperatures outside of the normal range, no matter the record keeping method, must record a deviation record (Record 17) outlining what the deviation was and how it was fixed to prevent it from happening again.

Failure to provide sufficient routine records (bulk tank temperature records or deviation record) will result in the loss of a self-declaration the following year. You will also be required to submit the record for 3 consecutive months following your validation. Penalties will be applied if you do not comply.

If you have further questions, please contact your proAction provincial coordinator directly.



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