# **Massachusetts Department of Public Health**

# **Immunization Division | Vaccine Program**

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| **Privately Purchased Data Logger** | |
| Vaccine Coordinator: |  |
| PIN & Site Name: |  |
| Brand/Model #: |  |

*Per the requirements listed in the* [*2025 Guidelines for Compliance with State Vaccine Program Requirements*](https://www.mass.gov/doc/guidelines-for-compliance-with-federal-vaccine-administration-requirements-2025/download)*, a digital data logger must be monitoring each storage unit that houses state-supplied vaccine at all times. While the Vaccine Program does not recommend or endorse a specific brand or data logger device, the following manufacturers do offer products that meet the requirements below: Berlinger, Control Solutions, LogTag, PrimeX, Senso Scientific, Smart Sense, TempTrak, etc. (This is NOT a complete list).*

**Device Requirements**:

NIST certified calibration with an associated Calibration Certificate that includes model/device number, serial number, date of calibration (report or issue date), confirmation that instrument passed testing (instrument in tolerance)

Capacity for continuous monitoring and routine recording of data, with an accuracy of +/- 1°F (0.5°C)

* Review the calibration certificate to determine if the device meets the standard accuracy requirements

Active temperature display that can be easily read from outside the storage unit

Easily identifiable alarm for out-of-range temperatures and low battery indicator

Detachable buffered temperature probe with glycol, glass beads, sand or Teflon, that best reflects the temperature of the vaccine

Logging interval (or reading rate) that is programmable to record temperatures at a maximum of 15-minute intervals with at least 4,000 readings storage capacity

**Vaccine Program Specific Requirements**:

Ability to acknowledge and document electronically, within the data logger system, maximum and minimum temperatures at least twice daily

Ability to generate a PDF output report, that clearly indicates daily maximum/minimum temperatures, alarms, and acknowledgment of twice daily temperature checks

* The PDF output report must include either a graph or daily summary of maximum/minimum temperatures that can be easily reviewed for out-of-range temperatures

Ability to generate an ad-hoc comprehensive temperature report that displays temperature readings at a maximum of 15-minute intervals

In the event of a power outage, the device will continue to record temperatures that are accessible for staff review

**Submission for Review**:

I have confirmed that all the above boxes have been checked and the DDL meets all the requirements listed.

I have uploaded to the MIIS an example copy of the temperature log report and this completed form for review and approval.