OpsAuditHub opsaudithub.com	DOC ID: **SAF-0177**	REVISION: **Rev 2.4 (2026)**
	STANDARD: **CDC Vaccine Storage and Handling Toolkit & USP <1079> Good Storage and Distribution Practices**	AUDIT FREQUENCY: **Twice Daily (Morning and Evening)**

Medical Refrigeration Temperature Log Compliance Checklist

Operational Scope: Ensures all medical-grade refrigerators and freezers maintain optimal thermal ranges to prevent vaccine and pharmaceutical degradation. Mitigates the risk of biological product spoilage and enforces strict adherence to regulatory cold-chain mandates.

MANDATORY PPE:	Nitrile Gloves (ASTM D6319), Lab Coat or Protective Smock, Safety Glasses (ANSI Z87.1)
PREREQUISITES:	Verify calibration status of primary and secondary digital data loggers (DDLs). | Ensure immediate access to designated emergency backup storage units if temperature excursions are detected.

DAILY TEMPERATURE MONITORING AND DATA LOGGER VERIFICATION

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
1	**Primary Digital Data Logger (DDL) Display**	Current, minimum, and maximum temperatures are recorded accurately on the log sheet twice daily within acceptable ranges (refrigerator: 2°C to 8°C; freezer: -50°C to -15°C).	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
2	**Continuous Temperature Graph / Alarm System**	Visual check confirms continuous logging without gaps, and audible/visual excursion alarms are armed and operational.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
3	**Probe Placement and Calibration Currency**	Temperature probe is centrally located in a glycol bottle, and calibration certificate is valid (within the last 12 months).	**Warning**	**[ ] PASS [ ] FAIL [ ] N/A**

UNIT INTEGRITY, POWER SUPPLY, AND INVENTORY MANAGEMENT

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
4	**Door Seal and Gasket Integrity**	Door seals tightly against the unit frame with no visible gaps, tears, or frost buildup preventing a hermetic closure.	**Warning**	**[ ] PASS [ ] FAIL [ ] N/A**
5	**Power Connection and Outlet Safety**	Unit is plugged into a dedicated, labeled outlet (preferably connected to emergency backup power) with a plug guard installed to prevent accidental disconnection.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
6	**Internal Airflow and Product Staging**	Inventory is stored at least 2 inches away from walls, floor, and cooling vents; no expired or compromised vaccines/pharmaceuticals present.	**Standard**	**[ ] PASS [ ] FAIL [ ] N/A**

EXCURSION RESPONSE AND RECORDKEEPING COMPLIANCE

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
7	**Excursion Action Plan Availability**	Written Standard Operating Procedure (SOP) for temperature excursions is visibly posted near the unit and understood by staff.	**Warning**	**[ ] PASS [ ] FAIL [ ] N/A**
8	**Log Sheet Completion and Archiving**	All bi-daily entries include the exact time, recorded temperature, initials of the staff member, and corrective actions documented if applicable.	**Standard**	**[ ] PASS [ ] FAIL [ ] N/A**

Certified Clinical Staff / Inventory Technician Signature: _____	**Date / Time:** _____	**Badge / Cert #:** _____
Clinic Operations Manager / Vaccine Coordinator Sign-off: _____	**Review Date:** _____	**Audit Status:** [ ] Approved [ ] Rectify

COMPLIANCE NOTICE: This document must be archived for a minimum of 36 months in accordance with federal and state vaccine storage recordkeeping guidelines.

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