OpsAuditHub opsauditihub.com	DOC ID: **SAF-0175**	REVISION: **Rev 2.4 (2026)**
	STANDARD: **CDC Vaccine Storage and Handling Toolkit & USP <1079>**	AUDIT FREQUENCY: **Twice Daily (Morning and Evening Shift)**

Medical Refrigeration Temperature Log Sop Template

Operational Scope: This standard operating procedure defines the strict requirements for monitoring and logging medical refrigeration temperatures to ensure vaccine and pharmaceutical efficacy. The objective is to mitigate the risk of cold-chain failure, preventing compromised biological products and maintaining full compliance with healthcare regulatory standards.

MANDATORY PPE:	Nitrile Exam Gloves (ASTM D6319), Lab Coat or Fluid-Resistant Smock, Closed-Toe Slip-Resistant Footwear, Safety Glasses with Side Shields
PREREQUISITES:	Verify calibration status of the primary and backup digital data loggers (DDL). | Ensure access to the clinic's designated out-of-range temperature excursion protocol.

DAILY TEMPERATURE LOGGING & MONITORING

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
1	**Primary Refrigerator/Freezer Display**	Current ambient temperature reading falls strictly within the acceptable range (Refrigerator: 2°C to 8°C; Freezer: -50°C to -15°C).	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
2	**Min/Max Temperature Records**	Recorded minimum and maximum temperatures for the past 24 hours are documented without excursion events.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
3	**Digital Data Logger (DDL) Probe Placement**	Glycol-encased thermal buffer probe is positioned centrally within the unit, away from walls, vents, and the cooling coil.	**Warning**	**[ ] PASS [ ] FAIL [ ] N/A**
4	**Temperature Log Documentation**	Log sheet is fully completed with exact time, temperature, current status, and staff initials immediately upon reading.	**Standard**	**[ ] PASS [ ] FAIL [ ] N/A**

EQUIPMENT INTEGRITY & STORAGE COMPLIANCE

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
5	**Door Seal and Gasket Inspection**	Magnetic door seals are intact, pliable, and form a tight, airtight seal along the entire door frame without visible gaps.	**Warning**	**[ ] PASS [ ] FAIL [ ] N/A**
6	**Internal Storage Arrangement**	Products are stored with a minimum of 1-inch clearance from walls and floor; no food, beverages, or expired pharmaceuticals present.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
7	**Power Supply and Outlet Security**	Power cord is securely plugged into a dedicated, labeled outlet equipped with a plug guard or safety lock to prevent accidental disconnection.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
8	**Backup Power / Generator Interface**	Unit is clearly designated on the facility emergency backup power circuit (red outlet) tested during routine maintenance.	**Warning**	**[ ] PASS [ ] FAIL [ ] N/A**

Certified Clinical Technician / Nurse Signature: _____	**Date / Time:** _____	**Badge / Cert #:** _____
Clinic Operations Manager / Safety Officer Sign-off: _____	**Review Date:** _____	**Audit Status:** [ ] Approved [ ] Rectify

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

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