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	STANDARD: **CDC Vaccine Storage and Handling Toolkit / USP <1079> / FDA Current Good Manufacturing Practice (cGMP)**	AUDIT FREQUENCY: **Daily Pre-Shift & Monthly Audit**

Medical Refrigeration Temperature Log Inspection Checklist

Operational Scope: This document governs the operational verification of medical-grade refrigerators and freezers used for vaccines, pharmaceuticals, and biological samples. Its objective is to mitigate thermal excursions, prevent inventory spoilage, and ensure full compliance with healthcare regulatory storage standards.

MANDATORY PPE:	Nitrile Gloves (ASTM D6319), Safety Glasses (ANSI Z87.1), Lab Coat or Fluid-Resistant Gown, Closed-Toe Slip-Resistant Footwear
PREREQUISITES:	Verify calibration status of continuous temperature monitoring systems (CTMS). | Ensure backup emergency power supply (UPS / generator) is operational and tested.

ENVIRONMENTAL & HARDWARE INTEGRITY INSPECTION

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
1	**Unit Exterior & Power Supply**	Power cord is securely plugged into a dedicated, unswitched outlet with a safety bracket; no fraying or exposed wires present.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
2	**Door Seals & Gaskets**	Magnetic door gaskets create an airtight seal along the entire perimeter with no visible cracks, tears, or frost buildup.	**Warning**	**[ ] PASS [ ] FAIL [ ] N/A**
3	**Internal Air Circulation & Loading**	Inventory is stored at least 2 inches away from interior walls and floor vents; no items obstruct the internal evaporator fan.	**Warning**	**[ ] PASS [ ] FAIL [ ] N/A**
4	**Alarm & Monitoring System**	Audible and remote temperature excursion alarms are active and tested via the monthly simulation protocol.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**

TEMPERATURE LOG VERIFICATION & STORAGE CONDITIONS

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
5	**Refrigerator Temperature Range**	Current internal ambient temperature reads strictly between 2°C and 8°C (36°F to 46°F) for two consecutive daily checks.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
6	**Freezer Temperature Range**	Current internal freezer temperature reads strictly between -50°C and -15°C (-58°F to +5°F) for sensitive biologicals.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
7	**Min/Max Temperature Logging**	Daily minimum and maximum temperatures are accurately recorded on the physical or digital log sheet with staff initials.	**Standard**	**[ ] PASS [ ] FAIL [ ] N/A**
8	**Excursion Corrective Action Log**	Any out-of-range temperature event from the previous 24 hours has an attached root-cause analysis and mitigation sign-off form.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**

Certified Medical Logistics Technician / Clinician Signature: _____	**Date / Time:** _____	**Badge / Cert #:** _____
Clinical Operations Director / Compliance Officer Sign-off: _____	**Review Date:** _____	**Audit Status:** [ ] Approved [ ] Rectify

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