| OpsAuditHub<br>opsaudithub.com | DOC ID: **SAF-0152** | REVISION: **Rev 2.4 (2026)** |
|---|---|---|
| | STANDARD: **CDC Guidelines for Infection Control in Dental Health-Care Settings & OSHA 29 CFR 1910.1030** | AUDIT FREQUENCY: **Daily / Weekly Operational Audit** |

# Dental Clinic Sterilization Log Compliance Checklist

**Operational Scope:** This compliance checklist establishes mandatory operational protocols for monitoring dental instrument sterilization processes and maintaining verifiable logs. Its objective is to mitigate biological cross-contamination hazards and ensure strict adherence to state and federal health standards.

| | |
|---|---|
| **MANDATORY PPE:** | Heavy-Duty Utility Gloves (ANSI/ISEA Rated), Fluid-Resistant Surgical Mask with Eye Shield (ASTM Level 3), Disposable Nitrile Examination Gloves, Fluid-Resistant Long-Sleeve Lab Coat or Gown |
| **PREREQUISITES:** | Verify operational calibration and certification dates for all active autoclaves and ultrasonic cleaners. \| Ensure biological and chemical indicator supplies are unexpired and stored in accordance with manufacturer guidelines. |

## PRE-STERILIZATION CLEANING AND PACKAGING VERIFICATION

| # | COMPONENT / ITEM | VERIFICATION CRITERIA & ACCEPTANCE STANDARD | SEVERITY | STATUS |
|---|---|---|---|---|
| 1 | **Instrument Debris Removal** | All instruments are thoroughly cleaned of organic debris via ultrasonic cleaner or automated washer-disinfector prior to bagging. | **Critical (Immediate Out of Service)** | [ ] PASS<br>[ ] FAIL<br>[ ] N/A |
| 2 | **Sterilization Pouch Integrity** | Pouches are sealed correctly without tears, punctures, or compromised heat-seals, and include an internal chemical indicator. | **Warning** | [ ] PASS<br>[ ] FAIL<br>[ ] N/A |
| 3 | **Load Configuration** | Pouches are placed on edge or in racks without overcrowding to allow free steam circulation around every package. | **Standard** | [ ] PASS<br>[ ] FAIL<br>[ ] N/A |

## CYCLE OPERATION AND PHYSICAL PARAMETER MONITORING

| # | COMPONENT / ITEM | VERIFICATION CRITERIA & ACCEPTANCE STANDARD | SEVERITY | STATUS |
|---|---|---|---|---|
| 4 | **Autoclave Cycle Parameters** | Digital display confirms correct temperature, pressure, and exposure time have been achieved per manufacturer specifications for each run. | **Critical (Immediate Out of Service)** | [ ] PASS<br>[ ] FAIL<br>[ ] N/A |
| 5 | **External Chemical Indicators** | Process indicator arrows or stripes on every processed pouch show a clear, acceptable color change. | **Warning** | [ ] PASS<br>[ ] FAIL<br>[ ] N/A |
| 6 | **Daily Bowie-Dick Test** | Dynamic air-removal test completed successfully on pre-vacuum sterilizers prior to the first processing load of the day. | **Critical (Immediate Out of Service)** | [ ] PASS<br>[ ] FAIL<br>[ ] N/A |

## BIOLOGICAL MONITORING AND LOG DOCUMENTATION

| # | COMPONENT / ITEM | VERIFICATION CRITERIA & ACCEPTANCE STANDARD | SEVERITY | STATUS |
|---|---|---|---|---|
| 7 | **Weekly Spore Testing (Biological Indicator)** | Spore test (Geobacillus stearothermophilus) performed and documented at least weekly, with incubator controls operating correctly. | **Critical (Immediate Out of Service)** | [ ] PASS<br>[ ] FAIL<br>[ ] N/A |
| 8 | **Sterilization Log Completeness** | Log book accurately records date, cycle number, temperature, pressure, exposure time, operator initials, and lot numbers. | **Warning** | [ ] PASS<br>[ ] FAIL<br>[ ] N/A |
| 9 | **Sterile Storage Inspection** | Processed packages are stored in a clean, dry, dust-free environment, and checked for package integrity before clinical use. | **Standard** | [ ] PASS<br>[ ] FAIL<br>[ ] N/A |

| | | |
|---|---|---|
| **Lead Sterilization Technician / Dental Assistant Signature:** _____ | **Date / Time:** _____ | **Badge / Cert #:** _____ |
| **Clinical Director / Compliance Officer Sign-off:** _____ | **Review Date:** _____ | **Audit Status:** [ ] Approved [ ] Rectify |

**COMPLIANCE NOTICE:** This document must be archived for a minimum of 12 months in accordance with workplace safety recordkeeping guidelines.

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