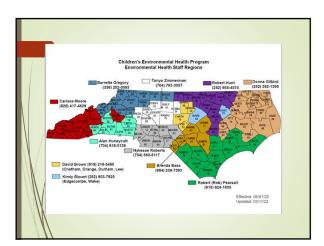




#### SINCE LAST CHILD CARE SOP

- Regional Specialist Nykesse Roberts joined CEH Team - February 2022
- Regional Specialist **Brittany Stevenson** joined CEH Team June 2022
- New territory changes were effective 6/1/2022





# Child Care Sanitation Emerging Issues - Chemical Storage - COVID State of Emergency Lifted (Disinfectants) - Kitchen Chemical Storage - School Based Centers Provisions - Locked Bathrooms & Classrooms - ZONO Policy Memo - Multi Glass Cleaners

# Child Care Sanitation Issues (cont.)

- -- Hot Water Accessibility
- Rules Re-adoption & Session Law

Rule Clarification Completion of Feeding

- 2816 Lead in Water Testing
- Building Resilient Environmental Health
  Capacity (BREHC) Program

#### **Chemical Storage**

#### 15A NCAC 18A .2820 STORAGE

(b) All corrosive agents, pesticides, bleaches, detergents, cleansers, polishes, any product which is under pressure in an aerosol dispenser, and any substance which may be hazardous to a child if ingested, inhaled, or handled shall be kept in its original container or in another labeled container, used according to the manufacturer's instructions and stored in a locked storage room or cabinet when not in use.

#### **Chemical Storage**

Locked storage rooms and cabinets shall include those which are unlocked with a combination, electronic or magnetic device, key, or equivalent locking device. These unlocking devices shall be kept out of the reach of a child and shall not be stored in the lock. Toxic substances shall be stored below or separate from medications and food.

#### **Chemical Storage**

Any product not listed above, which is labeled "keep out of reach of children" without any other warnings, shall be kept inaccessible to children when not in use, but is not required to be kept in locked storage. The product shall be considered inaccessible to children when stored on a shelf or in an unlocked cabinet that is mounted a minimum vertical distance of five feet above the finished floor.

#### **COVID Related Chemicals**

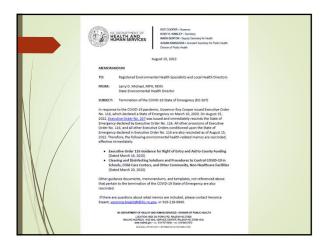
The pandemic has not negated the responsibility of child care operators to properly store chemicals when not in use.

Hand sanitizers are still required to be inaccessible when not in use. Balance must be maintained between readily available for usage and proper storage.

If disinfectants including bleach are donated to facilities, facilities must ensure that they have proper storage for these chemicals.

Chlorine disinfectants are required to be 500-800 ppm. State of Emergency was lifted August 15, 2022.

Department will be issuing documentation stating that the 1000ppm is no longer in effect since state of emergency has been rescinded.



#### Kitchen Chemical Storage

Chemicals in the kitchen must be stored in a locked storage room or cabinet. Kitchen was deemed not to be locked storage room or cabinet. Just having the kitchen door locked does not satisfy requirement for this rule.

This is not to be confused with kitchen accessibility and hot water. When not in use, chemicals are to be properly stored either locked or inaccessible regardless if someone is in the area.

Supervision of children in the kitchen is not equivalent to locked storage.





For school-based centers, it is not considered a violation if hazardous products are left out in the cafeteria's kitchen so long as:

- 1. Kitchen doors are 'locked' with a device approved by the local building/fire code inspector or Fire Marshal's Office, and;
- Arestriction is placed on the license by the Division of Child
   Development and Early Education (DCDEE) prohibiting children
  from being in the kitchen for any purpose.

If both conditions are not attainable then hazardous products must be stored in accordance with Administrative Rule 15A NCAC 18A .2820.

# New

#### **Chemical Storage** School-Based Centers

For compliance with this new school-based policy issue:

- Child care centers should contact their local building/fire code inspector or Fire Marshal's Office to determine how to appropriately lock kitchen doors. (Determination should not be made by Env Health.)
- Child care operators should also contact DCDEE to request the license restriction.

#### **Chemical Storage Locked Bathrooms & Classrooms**

True or False
A locked bathroom door meets the requirement for chemical storage of hazardous products.

True or False
A locked classroom door not used due to the pandemic or low enrollment meets the requirement for chemical storage of hazardous products.

#### True or False

A locked employee's restroom meets the requirement for chemical storage of hazardous products.

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#### Other Chemical Issues

Chemical storage for restrooms must still comply with rule .2820 storage rule.

Locking of the bathroom door does not meet the requirement of locked "storage room or cabinet".

This include those restrooms designated as staff restrooms. Note that many staff restrooms are also designated as the handicap accessible restroom and must be/inspected for children access.

If encountered during an inspection, have operator correct the issue during the inspection by properly storing dhemicals and make a note on the pmment addendum.





#### **ZONO Technology**

Does **The Zono™** sanitizing cabinet meet the sanitizing requirements of 15A NCAC 18A .2812(b)(5)(E) and (g) or 15A NCAC 18A .2822(a)?

ANSWER: NO

Information provided by the manufacturer indicates that plates, cups and eating utensils are not acceptable for the sanitizing cycle of The Zono™. Therefore, this equipment is not approved as a sanitizer per the current rules which requires food contact surfaces and mouth-able toys be sanitized in accordance with 15A NCAC 18A .2812(b) and 15A NCAC 18A .2822(a).

The Zono™ can be used on clean items that are not required to be sanitized under 15A NCAC 18A .2800 such as toys for children who are toilet trained, art supplies, books, etc. This process must be performed in accordance with the manufacturer's instructions as provided in the owner's manual.

#### Zono Sanitizing Cabinet Position Statement



POSITION STATEMENT:

Use of ZONO Sanitizing Cabinet

PURSUANT TO:

Rules Governing the Sanitation of Child Care Centers 15A NCAC 18A .2800

SOURCE: QUESTION/ISSUE: Children's Environmental Health

Does The Zono™ sanitizing cabinet meet the sanitizing requirements of 15A NCAC 18A .2812(b)(5)(E) and (g) or 15A NCAC 18A .2822(a)?

ANSWER:

DISCUSSION AND RATIONALE:

The Zono", developed by ZDNOsnitech, LLC, is a smitting device that generates corne (D) and humbly inside a stabless-rated cabbret using electricity, ambient at, and top water. No consideration of the consideration of t

The North Carolina Department of Health and Humans Services, Children's Environmental Health Unit, has revised the review of ZONOsanitech, LLC sanitizing cabinet, **The Zono"**, issued on October 7, 2013. This position statement supersedes any existing reviews or correspondence on the The Zono."

| RESPONSE INTERPRETATION:  The Zono* does not meet the smilling requirements of \$5A NCAC \$180.2812(b)(5)(1) and \$(g)\$ or \$5A NCAC \$180.2822(b). Information provided by the manufacture indicates that plates, copp and eating uternish are not acceptable to the smilling cycle of the Zono*. Therefore, the equipment is only disproved as a smiller per the current role double requires for of contact.   |  |
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| surfaces and mouth-aible toys be santiteed in accordance with 12A NCAC 18A .2812(b) and 15A NCAC 18A .2821(c).  NCAC 18A .2822(c).  The Brows** can be used on clean items that are not required to be santitied under 18A NCAC 18A .2800 but a toys for children who are tablet trained, art supplies, books, etc. This process must be performed in accordance with the manufactures' instructions a provided in the owner's manual. In addition to choosing acceptable items for this process, articles must be arranged to subsequent and two to all or faces for effectiveness. Items build on the stakes to rive layer of these decipations are too to all or faces for effectiveness. Items build on the stakes to religious decipations are to sail or faces for effectiveness. Items build on the stakes to religious decipations are consistent on the stakes of the stakes of the stakes are required.  Review of The 1000** by Children's fundommental Health is not to be construed as an endocessment of this product.  REFERINESS:  Daller Growmap the similation of Child Care Centers 15A NCAC 18A .2000  ZOND-smitch Owner's Manual Copyright C 2020  XOND-Traintins amounts are publy described to promote uniforms interpretation and enforcement of a fundom product of a restrict from the conformation of child care Centers 15A NCAC 18A .2000  ZOND-Traintins amounts are publy described to promote uniforms interpretation and enforcement of a reading fundom or after and endogreement of a reading fundom or after and endogreement of a reading fundom or after and endogreement or and endogre |  |

#### **Other Chemical Issues**

*Multi Purpose Glass Cleaners* are not approved to be used in lieu of detergent (soapy) solution for diaper changing.

Discuss this issue with the provider and give them options and a timeframe for compliance.

Note on comment addendum that the issue has been discussed and expectation of resolution by next inspection.

#### **Other Chemical Issues**

Color coding for chemicals can be used in addition to but not substitution for proper labeling.

Rule 2820 (b)All corrosive agents, pesticides, bleaches, detergents, cleansers, polishes, any product which is under pressure in

under pressure in an aerosol dispenser, and any substance which may be hazardous to a child if ingested, inhaled, or handled shall be kept in its original container or in another labeled container. T

 2620(c)....These solutions shall be labeled as sanitizing, disinfecting, or detergent (spapy water) solutions.





# Completion of Feeding Clarification

- No 1 Hour Rule!!!!
- 2804(d)
- "After the completion of each feeding, leftover formula, breast milk, and other bottled beverages shall be discarded or returned to the child's home at the end of each day."

#### Completion of Feeding Clarification

#### Proposed Rule Language

#### 15A NCAC 18A .2804 FOOD SUPPLIES

(h) After the completion of each feeding, any leftover formula, human milk, or other bottled beverages used during the feeding shall be discarded or sent home with the child whose name is on the label for the formula, human on the label beverage at the end of each day. Feeding is complete when the hire care center employee has stopped feeding the child and the child has been an anoved from the feeding area in the child care center and returned to other a thirty. Bottles previously used for feeding shall not be returned to communal fine chanical refrigeration. Nothing in these Rules shall prohibit human milk from a sing sent home at the end of the day with the child whose name is on the about for the human breast milk instead of being discarded when the child's parent or guardian has given the child care center written permission to send the human milk home.

#### **Hot Water Accessibility Issue**

Water in areas accessible to children shall be tempered between 80°F (27°C) and 110°F (43°C). For handwash lavatories used exclusively by school-age children, the 80°F (27°C) minimum temperature requirement shall not apply. Hot water in an area accessible to any child, which is in excess of 120°F (49°C), shall be considered a burn hazard.



\*\*\*Look for thermos type containers in food preparation areas used for bottle warming. The temperature of these insulated neverage dispensers can be in excess of 160°F. Deemed as a burn hazard when in use and temps in excess of 120°F.



#### **Hot Water Accessibility Issue**

Water in areas accessible to children shall be tempered between 80°F (27°C) and 110°F (43°C).. Hot water in an area accessible to any child, which is in excess of 120°F (49°C), shall be considered a burn hazard.



\*\*\*This also applies to water dispensers located throughout the center. Sliding mechanisms not deemed as true locks and are often not in place to disable hot water. Hot side of water dispenser deemed as a burn hazard with temps in excess of 120°F and accessible to children.



## New Issue HVAC Discharge

- Concern that children were drinking/playing in water from condensation lines being discharged on play areas
- Determined that condensation lines from HYAC equipment is considered utility equipment.
- 2832(a) Wells, grease traps, cisterns and utility equipment shall be made inaccessible to children.
- Work with centers to bring them in compliance.

# **Child Care Rules Re-Adoption**

### Child Care Rules Re-Adoption Completion by March 2024

- § 150B-21.3A. Periodic review and expiration of existing rules: requires our rules to be reviewed and re-adopted
- Review process is required at least once every 10 years
- Meetings have been held with stakeholders and the regulated community.
- Committee is addressing public comments, incorporating policy memos and technical changes.
- Currently rules being reviewed by OSBM for fiscal impact and preparing to present to Commission for Public Health at their November 2, 2022 Meeting.

#### Child Care Rules Re-Adoption

#### Proposed technical changes:

- Updated language for definitions.
- Clarified Sanitizer and Disinfectant requirements.
- Defined food prep area and diapering area.
- Reorganized rules for beverages from home.
- Added mechanical refrigeration as a requirement for cold food storage
- Clarified Bulk food storage
- Changed bleach to chlorine solution
- Added "toys" in outdoor learning environment Changed DENR to DHHS and DCD to DCDEE

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#### Child Care Rules Re-Adoption

Mirrored some items in food code

Proposed Food Code Related Changes:

- Updated cooking temperatures.
- No bare hand contact.
- Change re-heating utilizing microwaves.
- Updated hot holding temperatures.
- Mirrored language for ground/comminuted meats
- Require metal stem thin probe thermometer

#### Child Care Rules Re-Adoption

#### Other proposed change

- Included guidelines for response to vomiting or diarrheal events
- Clarified change of use
- Included water play requirements
- Added language for equipment clean and in good repair
- Clarified human milk storage
- Clarified completion of feeding
- Added language for storage of hot foods sent from home in thermos like containers
- Clarified allowable bottle warming equipment and procedure
- Requires a barrier if diaper changing is performed on the floor in toileting rooms

#### 2816 Lead in Water Testing Overview

- Required testing of all fixtures used for drinking and food preparation within 1 year, once every 3 years, within 30 days of renovation or repairs that impact water infrastructure, and during the license application process.
- All testing completed per EPA 3T's Guidelines.
- Testing was initially to be completed by October 1, 2020.
- Delay in WIIN Grant Award/Delay due to COVID.
- Testing began around June 2020.
  - Most testing was completed by June 2021.

New WIIN Grant funding for Cycle 2 testing. Cycle 2 of testing expected to start in 2023

To date 24,337 Samples analyzed, 4,289 Center have completed sampling

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#### **Work In Progress** "Disaster Recovery"

#### Standardized Form for Post Disaster Child Care Inspection

- The Occupational and Environmental Epidemiology Branch (OEEB) and Children's Environmental Health (CEH).
- Building Resilient Environmental Health Capacity (BREHC) Program.

Has created standardized post disaster form, which includes food safety, power outages, water damage, mold, structural issues and other hazards, not normally addressed on our standard sanitation inspection form.

#### **Building Resilient Environmental Health** Capacity (BREHC)

#### **Disaster Recovery**

#### Areas Addressed

- Communication
- Environmental Hazards Observed
- Power & Electricity
  Food Storage & Service
- Water Supply
- Wastewater
- Water Intrusion
- **HVAC**
- Pest Control & Outdoor Learning Environment

| Post-Disaster   | Child Care Cen  | er Sanitation Assessment Form  |   |
|---|---|--|---|
| Date & Time of Impection:   |   | County:  |   |
| Name of Faculty:  |   | Current Facility ID:   |   |
| Operator Director (Name Title):   |   |  |   |
| Street Address:   |   |  |   |
| City:   |   | Zip Code:  |   |
| Email:  |   | Phone Number:  |   |
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| Email   |   | •  |   |
| Other Agency Communication  |   |  | -                                       |
| Has the operator communicated with  | the following agrecia   |  |   |
| DCDEE/Liceusing Consultent  | n No  |  |   |
| For Marshall  | D 27 vs. date   |  |   |
| Building Inspection Dept.   | □ JYvez, date   |  |   |
| Public Water Supply   | D Myss, date  |  |   |
| Other (please describe):  | Date:   |  |   |
| Communicable Disease  |   |  |   |
| In this your amorand with a commun  | icable disease or cod   | nesk?   D Yes   D No   |   |
| Has the operator communicated with  | the Communicable D  | nease Authornies?   Yes (date):  | □ No                                    |
| 2') set, who did the operator speak to  | uk?   |  | 100000000000000000000000000000000000000 |
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| Consumers:  |   |  |   |
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| 1000    | r damage   | H      | 18     | - 8     |                            |  |  |
| Em      | ood wastewater   | l ö    | 18     | - 0     |                            |  |  |
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| Ode     |  |        |        |         |                            |  |  |
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|         |  | Yes    | No     | Unknown |                            |  |  |
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