



TEST PRACTICE GREENHEALTH - HEALTHCARE FACILITY
WITH BEDS AND ORS — no.1681969

Partner Recognition - 2016: Chemicals

Introduction

Chemical minimization programs are an extremely important part of any sustainability program. The use of certain chemical constituents in products and materials can have significant health repercussions for building occupants, patients, staff, and the community. Please use this section of the application to highlight how the facility has begun to address the use and minimization/elimination of certain **chemicals of concern**.

Policy

- 1.** Does the facility contract for, or perform internally, a **hazardous chemical/material audit** by hospital department and update at least annually?
- Yes
 No

- 2.** Does the facility have **chemical or purchasing policies** that identify and avoid **specific chemicals of concern** contained in products that may be hazardous to human health and the environment?
- Yes
 No

2.a Please attach:

2.b Please check all **chemical constituents** included in the policy.

(Please note that non-chemical constituents, such as water, energy, and packaging are evaluated in the EPP portion of this application.)

- Bisphenol A and its structural analogues
- CA Proposition 65 listed chemicals (e.g., Carcinogens, mutagens, reproductive toxicants)
- Flame retardants, including chlorinated, brominated, and phosphate-based flame retardants
- Formaldehyde
- Latex
- Lead
- Mercury
- Persistent, Bioaccumulative, and Toxic substances (PBTs)
- Perfluorinated compounds

- Phthalates (DEHP, BBP, DnHP, DIDP, DBP, DINP, and DiBP)
- Polystyrene
- Polyvinyl chloride, or PVC
- Triclocarban
- Triclosan
- Volatile organic compounds (VOCs)
- Other prioritized chemical constituents

2.b.a Other prioritized chemical constituent:

2.b.b Other prioritized chemical constituent:

2.b.c Other prioritized chemical constituent:

Green Cleaning

3. Has the facility **conducted an inventory** of all products used at the facility for cleaning and disinfection of surfaces?

- Yes
- No

Conducting an inventory can identify where the hospital may be using multiple products for the same purpose in different areas of the institution. Standardization of cleaning and disinfection products can lower costs and improve training effectiveness and safety.

4. Does the facility use **Green Seal or UL/EcoLogo-certified** cleaners?

- Yes
- No

4.a Please select third-party certified green cleaners being used:

- General purpose (hard surface) cleaners
- Window/glass cleaners
- Carpet and upholstery cleaners
- Bathroom/restroom cleaner
- Floor cleaners
- Floor strippers
- Floor finishes
- Laundry soaps/cleaners
- Liquid and foam handsoap
- Other

5. Has the facility inventoried its use of antimicrobial hand soaps?

- Yes
 No
-

6. Has the facility eliminated the purchase and use of antimicrobial hand soaps in **non-clinical areas**?

- Yes
 No
-

7. Has the facility eliminated the purchase and use of antimicrobial hand soaps **that contain triclosan or triclocarban**?

- Yes
 No
-

8. Has Environmental Services collaborated with the **Infection Control Committee** to identify areas where use of **disinfectants can be minimized or eliminated**?

- Yes
 No
-

9. Does the facility utilize **automatic scrubbing machines** that use **only water** for floor cleaning?

- Yes
 No
-

9.a Was your facility able to reduce or replace other cleaning chemical use as a result of this equipment?

- Yes
 No
-

10. Does the facility utilize **microfiber mops and cleaning cloths** as a mechanism to reduce water and chemical use, reduce cross contamination and ergonomic stress?

- Yes
 No
-

11. Has your organization committed to the **Green Cleaning Goal** of the Safer Chemicals Challenge of the Healthier Hospitals program?

- Yes
 No
-

11.a Please describe progress toward this goal:

Sterilization and Disinfection

12. Has the facility eliminated the use of the high-level disinfectant **glutaraldehyde** and moved to safer alternatives (as defined by the **ICRA process** involving Infection Prevention & Control and Employee Health)?

- Yes
 No

12.a What alternatives are used?

- OPA (ASP Cidex OPA, Metrex Metricide OPA)
 Hydrogen peroxide
 Other

13. In the product evaluation/**value analysis process**, does the facility seek to avoid products where disinfection with **glutaraldehyde** is required by manufacturer warranty?

- Yes
 No

14. Has the facility **eliminated** the use of the sterilant **ethylene oxide (EtO)** onsite while maintaining compliance with regulatory requirements?

- Yes
 No

14.a What alternatives are used?

- Steam Sterilization
 Ozone plasma (3M Optreoz with TSO3 Sterizone technology)
 Low temperature hydrogen peroxide gas plasma (Sterrads)
 Peracetic Acid (Steris 1 or 1E)
 Other

15. In the product evaluation/**value analysis process**, does the facility seek to avoid products where disinfection with **ethylene oxide (EtO)** is required by manufacturer warranty?

- Yes
 No

16. Has the facility purchased **automatic machine washers/disinfectors** to replace manual high-level disinfection to minimize staff exposure to liquid high-level disinfectants?

- Yes
 No

Integrated Pest Management (IPM)

Integrated Pest Management (IPM) is an approach to managing pests that protects health and the environment. Learn more at: [IPM Elements](#)

17. Has the facility **reduced or eliminated** the use of **chemical pesticides** by implementing an IPM program?

- Yes

No

17.a Please describe:

DEHP and PVC

18. Does the facility have a **DEHP** and **PVC** reduction program?

- Yes
 No

18.a Please describe:

18.b Has your organization committed to the **DEHP and PVC Reduction Goal** of the Safer Chemicals Challenge of the Healthier Hospitals program?

- Yes
 No

19. Has the facility eliminated **DEHP** and **PVC** from at least one product line?

- Yes
 No

19.a Please select all product lines that are **DEHP** and **PVC**-free:

- Breast Pumps and accessories
- Enteral Nutrition Products, including all tubing
- Parenteral Infusion Devices and Sets
- General Urological (irrigation/urology sets and solutions, urinary catheters)
- Exam Gloves
- Vascular Catheters including Umbilical Vessel Catheters
- Nasogastric Tubes
- Other

Other Chemical Reduction Activities

20. Does the facility purchase **paints, adhesives and sealants** that are **low or no VOC**?

- Yes
 No

21. Does the facility purchase **medical products** that are free of **chemicals of concern** (i.e. mattresses, positioners, apparel, drapes and curtains)?

- Yes
- No

21.a Please describe:

22. Does the facility require furniture to meet an environmental standard/certification or obtain LEED HC credit?

23. Is your facility working to achieve the **Healthy Interiors Challenge** of the Healthier Hospitals program?

- Yes
- No

23.a Please describe progress toward this goal:

Mercury

24. Has the facility won the **Making Medicine Mercury Free Award (MMMF)**?

- Yes
- No

24.a Which year was the Award won?

Chemicals Successes

Please describe below any other **innovative techniques or initiatives (not mentioned above)** used to reduce your organization's use of **chemicals of concern**. Please feel free to provide commentary and/or attach supporting files.

25. Success 1: Please describe

26. Please attach any additional documentation (optional):

27. Success 2: Please describe

28. Please attach any additional documentation (optional):
