

Probo.CI

CEC_HOSPITAL — no.3532653

Partner Recognition - 2018: 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 is addressing 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 ▾

- 2.a** Please attach chemical or purchasing policies that address **chemicals of concern**:

Multiple policies can be attached via **zip file**, if necessary.

- 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 (carcinogens and 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 (#1):

2.b.b Other prioritized chemical constituent (#2):

2.b.c Other prioritized chemical constituent (#3):

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 utilize any **Green Seal or UL ECOLOGO-certified** cleaning products?

Yes

5. Is your organization working to achieve the **Green Cleaning Goal** of the Safer Chemicals Challenge of the Healthier Hospitals program?

- ☒ Yes
- ☐ No

5.a Please describe progress toward the Healthier Hospitals Green Cleaning Goal:

6. Has the facility **inventoried** its use of **antimicrobial hand hygiene products**?

- ☒ Yes
- ☐ No

7. Has the facility eliminated the purchase and use of antimicrobial hand hygiene products in **non-clinical areas**?

- ☒ Yes

☐ No

8. Is your organization working to achieve the **NEW** Practice Greenhealth **Safer Hand Hygiene Goal**?

☒ Yes
☐ No

9. Has the facility **eliminated the purchase and use** of antimicrobial hand hygiene products **that contain triclosan or triclocarban** throughout the facility?

☒ Yes
☐ No

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

☒ Yes
☐ No

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

☒ Yes
☐ No

11.a Was your facility able to reduce or replace other cleaning chemical use as a result of automatic scrubbing machines?

☒ Yes
☐ No

12. 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

Sterilization and Disinfection

13. 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

An **Infection Control Risk Assessment (ICRA)** is a multidisciplinary, organizational, documented process that after considering the facility's patient population and program The **ICRA process** focuses on reduction of risk from infection, acts through phases of facility planning, design, construction, renovation, facility maintenance, and coordinates and weighs knowledge about infection, infectious agents, and care environment, permitting the organization to anticipate potential impact.

13.a What alternatives to glutaraldehyde are used?

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

13.a.a Please describe other alternatives to glutaraldehyde being used:

14. 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

15. Has the facility **eliminated** the use of the sterilant **ethylene oxide (EtO)** onsite ?

- ☒ Yes
☐ No

15.a What alternatives to EtO are used?

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

15.a.a Please describe other alternatives to EtO being utilized:

16. 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

17. 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

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

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

- ☒ Yes
☐ No

18.a Please describe IPM program:

DEHP and PVC

19. Does the facility have a **DEHP** and **PVC** reduction program for medical products?

- ☒ Yes
☐ No

19.a Please describe the facility's **DEHP** and **PVC** reduction program.

20. Has the facility eliminated both **DEHP** and **PVC** from at least **two** product lines?

Yes

20.a Please select all product lines that are **both 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

20.a.a Please list other **DEHP** and **PVC-free** product lines:

21. Is your organization working to achieve the **DEHP and PVC Reduction Goal** of the Safer Chemicals Challenge of the Healthier Hospitals program?

- ☒ Yes
☐ No

21.a Please describe progress toward the **DEHP** and **PVC** Reduction Goal of the Safer Chemicals Challenge:

Healthy Interiors

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

- ☒ Yes
☐ No

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

Yes



24. Is your facility working to achieve the **Healthy Interiors Goal** of the Safer Chemicals Challenge of the Healthier Hospitals program?

☒ Yes

☐ No

24.a Please describe progress toward the Healthy Interiors Goal of the Safer Chemicals Challenge of the Healthier Hospitals program:

Mercury

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

☒ Yes

☐ No

25.a Which year was the Award won?

25.b Does the facility **periodically inventory purchasing practices** to make certain that mercury-containing devices are not purchased and re-entering the facility?

☒ Yes

☐ No

25.c Has the facility conducted an **inventory of mercury-containing products** within the institution in **last five years**?

☒ Yes

☐ No

25.d Please describe inventory of mercury-containing products and results:

Other Program Successes

Please describe below any other **innovative techniques or initiatives (not mentioned above)** used to reduce your organization's use of **chemicals of concern** in 2017. Please feel free to provide commentary and/or attach supporting files.

26. Chemicals of Concern Success 1: Please describe

27. Please attach any additional documentation (optional) for **Chemicals of Concern** Success 1:

28. **Chemicals of Concern** Success 2: Please describe

29. Please attach any additional documentation (optional) for **Chemicals of Concern** Success 2:

30. Please attach any additional documentation (optional) for **Chemicals of Concern** Success 3:
