This module is directed toward housekeeping or environmental services staff who perform any of the following:
- Clean floors, countertops, sinks, toilets, etc.,
- Clean up spills of anti-cancer drugs (also known as chemo-therapeutic drugs or antineoplastic agents), chemicals, or cleaning products, or
- Empty/clean containers or trash bins that have items contaminated with blood, urine, feces, vomit, anti-cancer drugs, or chemicals in them.

1. During your career (including all jobs at this and other facilities), how long have you been performing any of the housekeeping activities as described above?
- Less than 6 months
- At least 6 months but less than a year
- 1-5 years
- 6-10 years
- 11-20 years
- More than 20 years

2. Have you ever received formal training at this facility on health and safety procedures related to your work?
- Yes
- No

3. When did you receive this health and safety training at this facility? Please check all that apply.
- During orientation for your current job or task
- Once, but not at orientation
- Periodically, but less than once per year
- At least annually (i.e., one or more times every year)
- Other (Please specify):

4. Which of the following topics were covered during this health and safety training:
   a. Safe mixing and use of cleaning products?
   - Yes
   - No
   
   b. Safe clean-up procedures for spills of anti-cancer drugs, concentrated cleaning products, or other chemicals?
   - Yes
   - No

   c. Safe handling of containers or trash bins containing items contaminated with blood, urine, feces, vomit, anticancer drugs or chemicals?
   - Yes
   - No
5. Have you ever seen written policies or standard procedures at this facility that address:

a. Safe mixing and use of cleaning products?
   - Yes
   - No

b. Safe clean-up procedures for spills of anti-cancer drugs, concentrated cleaning products, or other chemicals?
   - Yes
   - No

c. Safe handling of containers or trash bins containing items contaminated with blood, urine, feces, vomit, anti-cancer drugs or chemicals?
   - Yes
   - No

6. During the past 7 calendar days, how many days did you perform any of the housekeeping or environmental services activities described above?
   Number of days: __________
   (Please write a number from 1-7)

7. At any time in the past 7 calendar days did you clean floors, countertops, sinks, toilets, etc. at this facility?
   - Yes
   - No
   Skip to Question 12.
8. During the past 7 calendar days, which of the following cleaning products did you use at this facility? Please ✓ all that apply.

☐ Ammonia
☐ Chlorine bleach (e.g. Clorox®)
☐ Strong detergent
☐ Wax stripper
☐ Toilet bowl cleaner
☐ Quaternary ammonium compounds (e.g. Oasis®, Staphene®, BTC100®, BioQuat®, Sentinel®)
☐ Phenols (e.g. WexCide®, Micro9akII®, Megacide®, Novigard®, Sporicidin®)
☐ Alcohols (e.g. ethanol, isopropanol)
☐ Aldehydes (e.g. glutaraldehyde, formaldehyde)
☐ Iodine (e.g. Povidone®, BacFlush®, Dusan Foam®)
☐ Oxidizers such as hydrogen peroxide (e.g. H₂O₂Orange®, Actril®, B-Cap®, Bioside HS®) or peracetic acid (Peraclean®)
☐ Other:
  1. 
  2. 
☐ Don't Know

9. During the past 7 calendar days, what was the total number of times you mixed these cleaning products with water (i.e., diluted the concentrate) at this facility?

☐ 1-5 times
☐ 6-10 times
☐ 11-20 times
☐ 21-50 times
☐ More than 50 times

10. During the past 7 calendar days, what was the total amount of time you spent actually using cleaning products?

☐ Less than 1 hour
☐ 1-5 hours
☐ 6-10 hours
☐ 11-20 hours
☐ 20 or more hours

11. How does the total amount of time you spent actually using cleaning products during the past 7 calendar days compare with most weeks?

☐ Past 7 days were about normal
☐ Past 7 days were less than normal
☐ Past 7 days were greater than normal
12. During the past 7 calendar days, how many spills of the following type did you personally clean up?

<table>
<thead>
<tr>
<th>Type of Spill</th>
<th>No Spills</th>
<th>1-2 Spills</th>
<th>3-5 Spills</th>
<th>More than 5 Spills</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Spills of anti-cancer drugs</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Spills of concentrated cleaning products</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. Spills of other chemicals</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. Spills of bodily fluids (blood, urine, feces, or vomit)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

13. How does the number of spills you cleaned-up during the past 7 calendar days compare with most weeks?

- Past 7 days were about normal
- Past 7 days were less than normal
- Past 7 days were greater than normal

14. At any time during the past 7 calendar days, did you empty/clean containers or trash bins that had items contaminated with blood, urine, feces, vomit, anti-cancer drugs or chemicals in them?

- Yes
- No [Skip to Question 17]

15. During the past 7 calendar days, what was the total number of times you emptied/cleaned containers that had items contaminated with blood, urine, feces, vomit, anti-cancer drugs or chemicals in them?

- 1 time
- 2-5 times
- 6-10 times
- 11-20 times
- 21-50 times
- More than 50 times

16. How does the number of times you emptied/cleaned containers that had items contaminated with blood, urine, feces, vomit, anti-cancer drugs or chemicals in them during the past 7 calendar days compare with most weeks?

- Past 7 days were about normal
- Past 7 days were less than normal
- Past 7 days were greater than normal

The following questions pertain to the use of personal protective equipment (PPE) in your job at this facility during the past 7 calendar days.

17. During the past 7 calendar days, did you ever wear respiratory protection, other than a surgical mask?

- Yes
- No [Skip to Question 19]
18. During the past week, did you wear respiratory protection, not including a surgical mask, while:

a. Mixing cleaning products?
   □ Yes, always
   □ Yes, sometimes
   □ No

b. Cleaning up spills of anti-cancer drugs, concentrated cleaning products or other chemicals?
   □ Yes, always
   □ Yes, sometimes
   □ No

STOP During the past 7 calendar days, if you ALWAYS wore respiratory protection, not including a surgical mask, while mixing cleaning products and cleaning up spills, skip to Question 20.

19. What were your reasons for not always wearing respiratory protection?
   Please ✓ all that apply.

   □ 1. Potential for exposure to biological or chemical agents is insignificant
   □ 2. Exposure to biological or chemical agents is possible but the health hazard is insignificant
   □ 3. An engineering control (e.g., exhaust ventilation or an enclosure) is already being used
   □ 4. Not required by employer
   □ 5. Not provided by employer
   □ 6. Not standard practice
   □ 7. Too uncomfortable or difficult to use
   □ 8. Not readily or always available in work area
   □ 9. Other (Please specify): ____________

   19A. From the reason(s) checked above, please write the number (1, 2, 3, etc.) of the one most important reason you did not always wear respiratory protection.

Most important reason .............. □

20. During the past 7 calendar days, did you ever wear a water resistant protective gown or outer garment?

   □ Yes
   □ No ➤ Skip to Question 22.
21. During the past week, did you wear a water resistant protective gown or outer garment while:

<table>
<thead>
<tr>
<th></th>
<th>Always</th>
<th>Sometimes</th>
<th>Never</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Mixing cleaning products?</td>
<td></td>
<td></td>
<td>☐</td>
</tr>
<tr>
<td>b. Cleaning up spills of anti-cancer drugs, concentrated cleaning products or other chemicals?</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>c. Handling containers or trash bins that had items contaminated with blood, urine, feces, vomit, anti-cancer drugs or chemicals in them?</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
</tbody>
</table>

STOP

During the past 7 calendar days, if you ALWAYS wore a water resistant gown or outer garment while performing all 3 of the above activities, skip to Question 23.

22. What were your reasons for not always wearing a water resistant protective gown or outer garment?

Please ✓ all that apply.

☐ 1. Potential for exposure to biological or chemical agents is insignificant
☐ 2. Exposure to biological or chemical agents is possible but the health hazard is insignificant
☐ 3. Not required by employer
☐ 4. Not provided by employer
☐ 5. Not standard practice
☐ 6. Too uncomfortable or difficult to use
☐ 7. Not readily or always available in work area
☐ 8. Other (Please specify): __________

22A. From the reason(s) checked above, please write the number (1, 2, 3, etc.) of the one most important reason you did not always wear a water resistant protective gown or garment.

Most important reason .......... ☐
23. During the past week, did you ever wear water resistant protective gloves (e.g., latex or nitrile)?

☐ Yes
☐ No → Skip to Question 25

24. During the past week, did you wear water resistant protective gloves while:

   a. Mixing cleaning products?
      - Always ☐  - Sometimes ☐  - Never ☐

   b. Cleaning up spills of anti-cancer drugs, concentrated cleaning products or other chemicals?
      - Always ☐  - Sometimes ☐  - Never ☐

   c. Handling containers or trash bins that had items contaminated with blood, urine, feces, vomit, anti-cancer drugs or chemicals in them?
      - Always ☐  - Sometimes ☐  - Never ☐

STOP During the past 7 calendar days, if you ALWAYS wore water resistant protective gloves while performing all 3 of the above activities, skip to Question 26.

25. What were your reasons for not always wearing water resistant protective gloves?

Please ✔ all that apply.

☐ 1. Potential for exposure to biological or chemical agents is insignificant
☐ 2. Exposure to biological or chemical agents is possible but the health hazard is insignificant
☐ 3. Not required by employer
☐ 4. Not provided by employer
☐ 5. Not standard practice
☐ 6. Too uncomfortable or difficult to use
☐ 7. Not readily or always available in work area
☐ 8. Other (Please specify): __________________________

25A. From the reason(s) checked above, please write the number (1, 2, 3, etc.) of the one most important reason you did not always wear water resistant protective gloves.

Most important reason ..........  □

You have now completed this module.
Thank you.