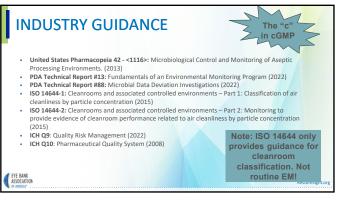


REGULATORY EXPECTATIONS



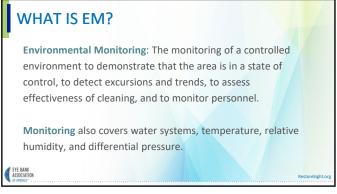


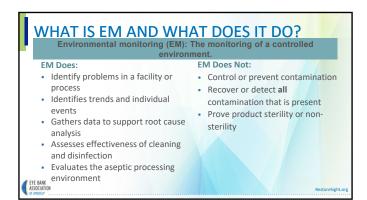


ENVIRONMENTAL MONITORING BASICS

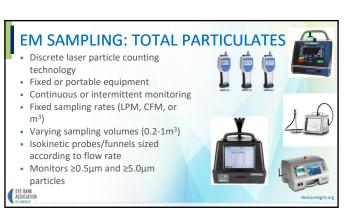
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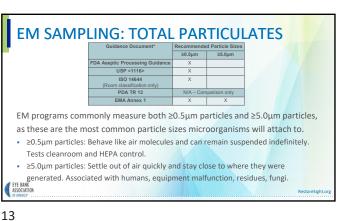
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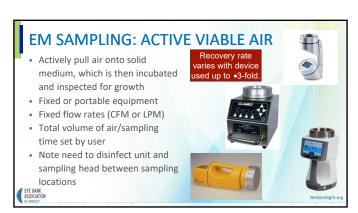












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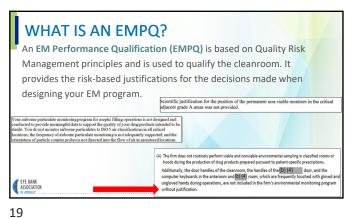


**EM SAMPLING: SURFACE (CONTACT PLATES)** • 25cm² petri dishes filled with disinfectant-neutralizing media. Commonly called "RODAC" plates Convex surface that must be "rolled" on the surface to fully contact Quantitative · Leave a residue that must be removed · Not suitable for irregular surfaces, but also used for personnel monitoring

15 16

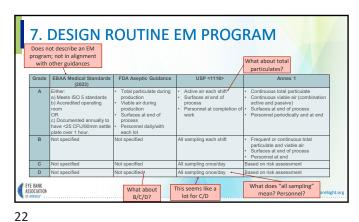


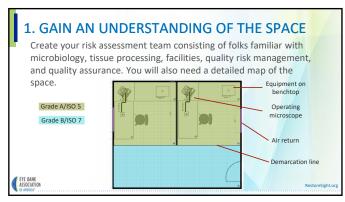
**RISK-BASED APPROACH TO AN EM PROGRAM** 

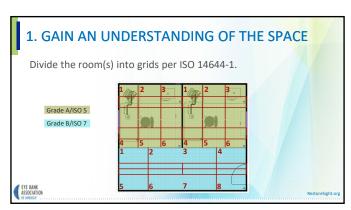


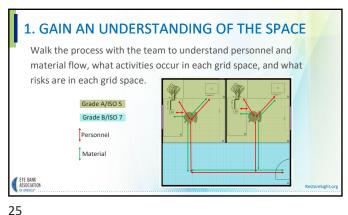


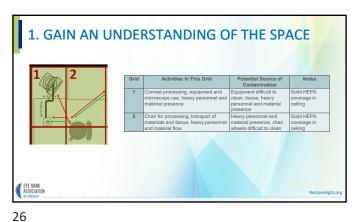


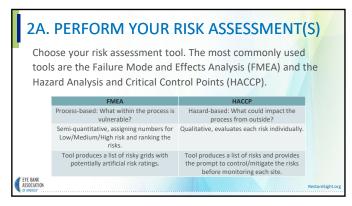






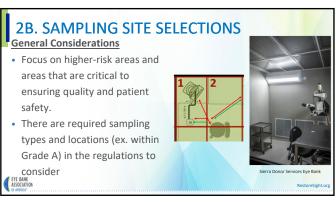


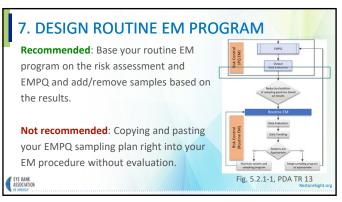


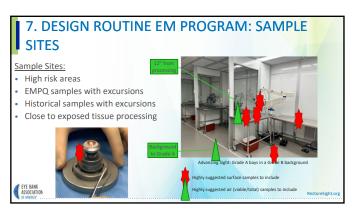


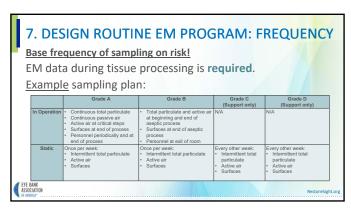
2A. PERFORM YOUR RISK ASSESSMENT(S) No matter which tool you use, you Source of Cleanroom Contamination need to assess each grid sector based on these factors: Cleanability · Personnel presence and flow · Look at need for and frequency of operations · Material presence and flow · Proximity to exposed tissue or People Ventilation
Room Structure Equipment tissue-contact materials

27 28

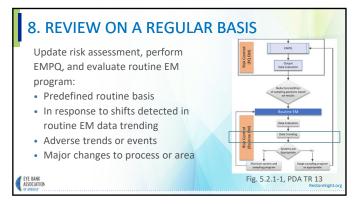






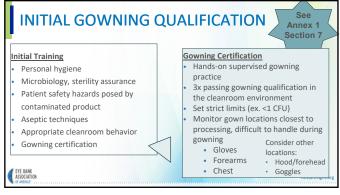


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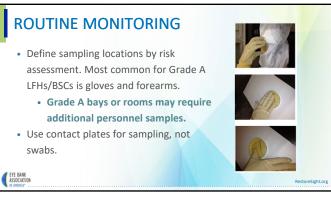


PERSONNEL QUALIFICATION
AND MONITORING

33 34



## PERIODIC RE-QUALIFICATION When? On a routine basis, at least annually After extended absences Corrective action for adverse trends in personnel monitoring THE BANK ASSOCIATION What? Same sample sites as for initial qualification 1x sampling for routine re-qual acceptable 3x sampling recommended for return from extended absences or adverse trends



IN CONCLUSION...
The entire EM program must be risk-based, scientifically justified, and documented.
Design and ownership of the EM program must be done by a project team.
Don't be scared. You are the experts in your process, and this activity provides a structured way to document what you already know.

37 38



