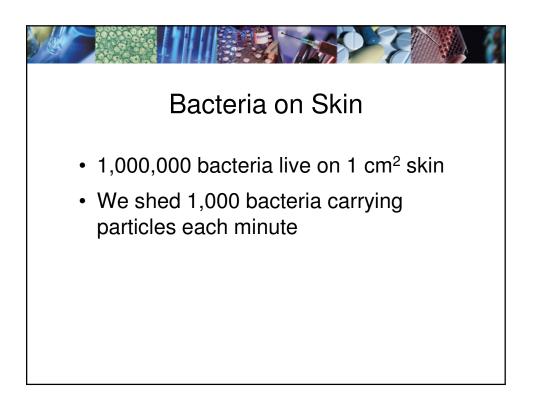
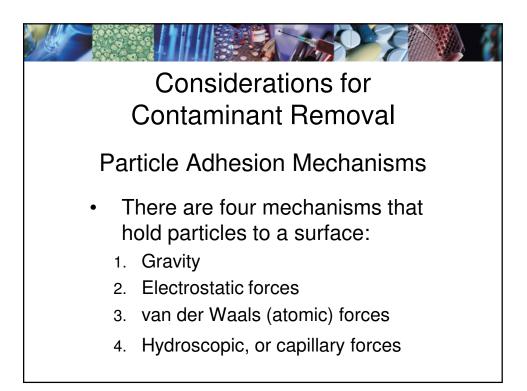
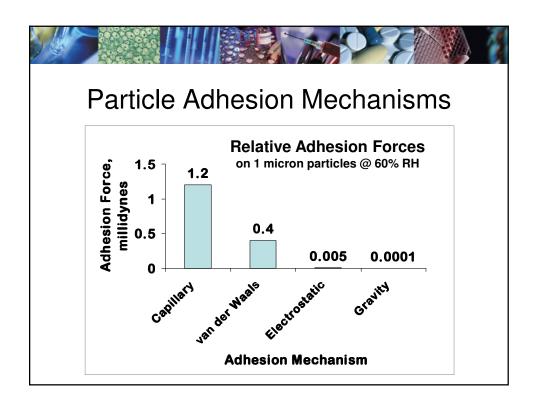


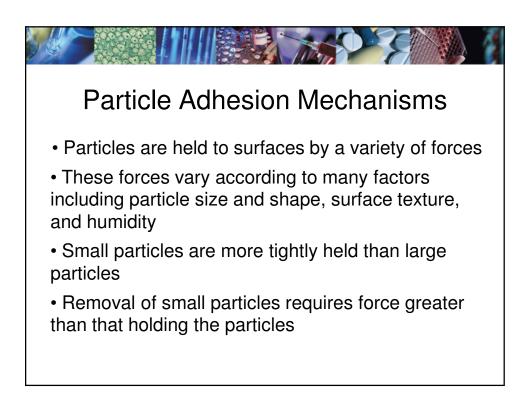
	Particles Tra	vel
Activity	Distance	Velocity
Talking	0.6 – 1.0 meter	
Coughing	1.2 – 1.8 meters	
Sneezing	3.0 – 4.5 meters	300 km/hour



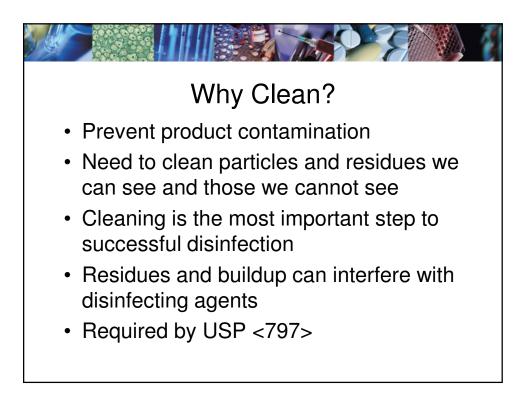




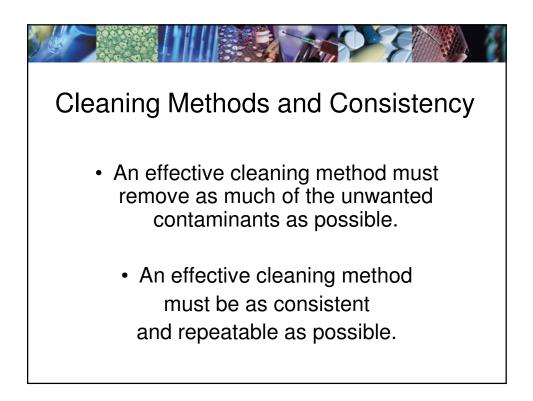


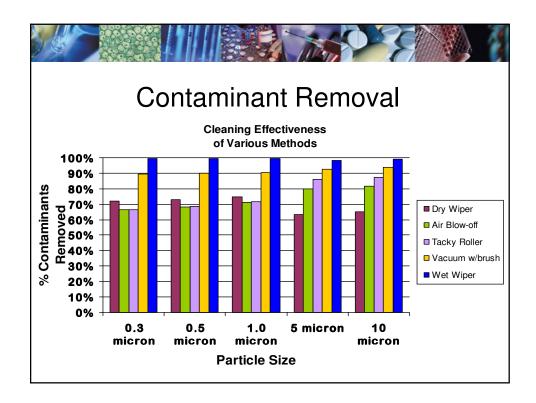


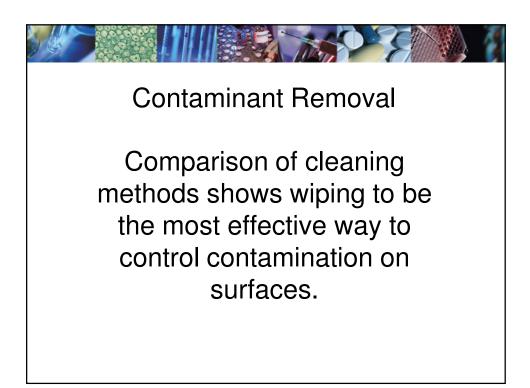


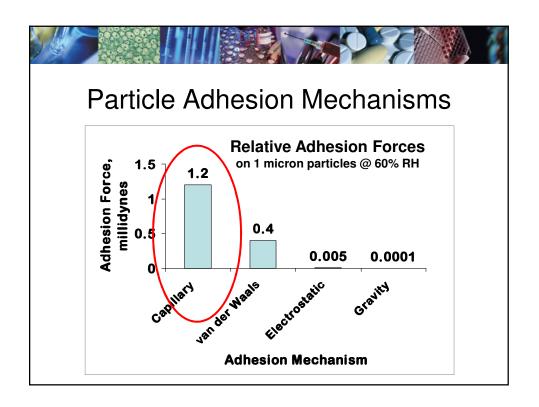


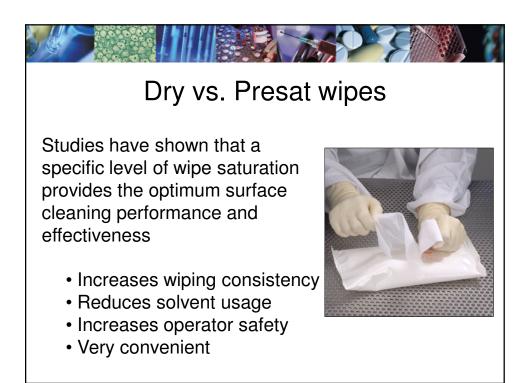
USP <797> Cleaning Requirements Minimum Cleaning Frequency of Cleaning and Disinfecting Compounding Areas				
Site	Minimum Frequency			
ISO Class 5, Primary Engineering Control (e.g. LAFW, BSC, CAI, CACI)	-At the beginning of each shift before each batch, not longer than 30 minutes following the previous surface disinfection when ongoing compounding activities are occurring -After spills, and when surface contamination is known or suspected			
Counters and easily cleanable work surfaces	Daily			
Floors	Daily			
Ceilings	Monthly			
Storage Shelving	Monthly			

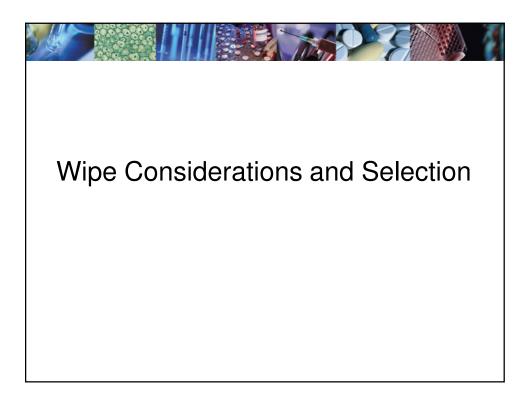


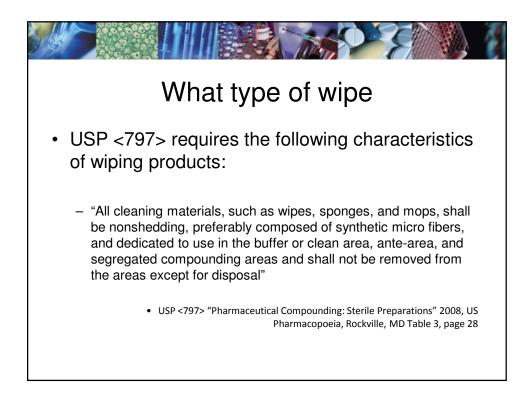


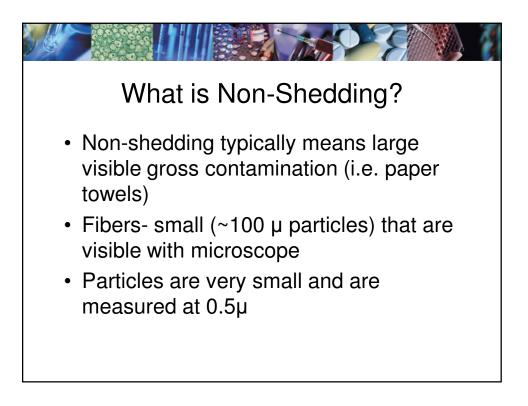


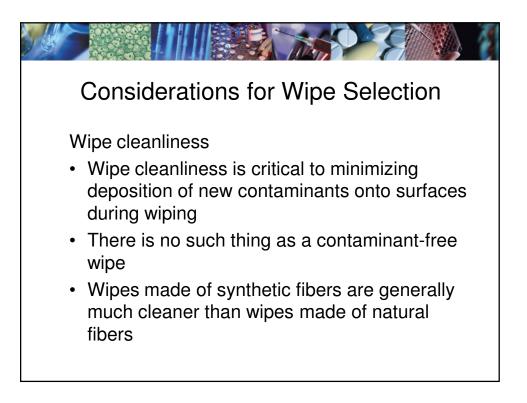


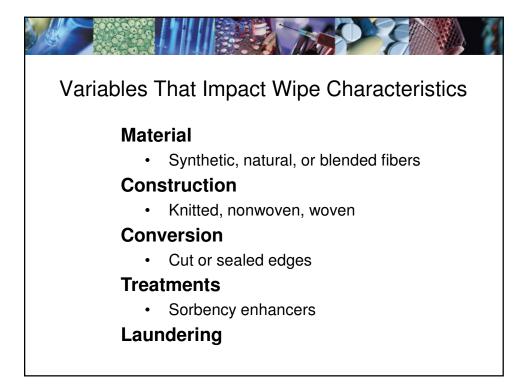




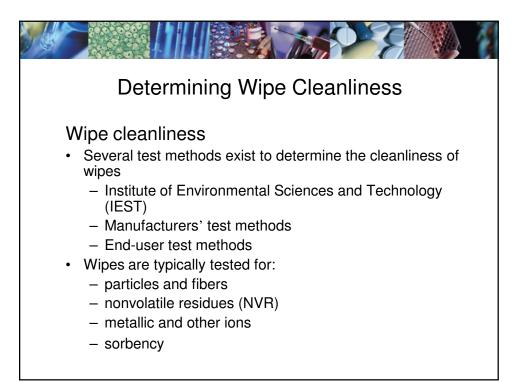


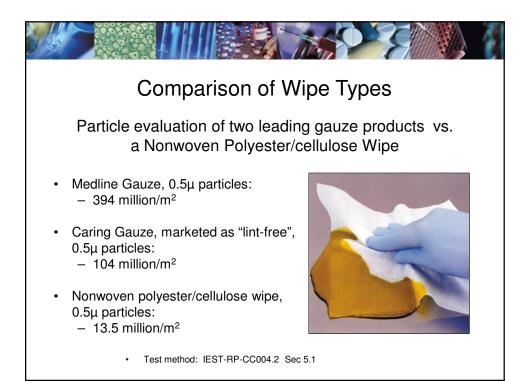


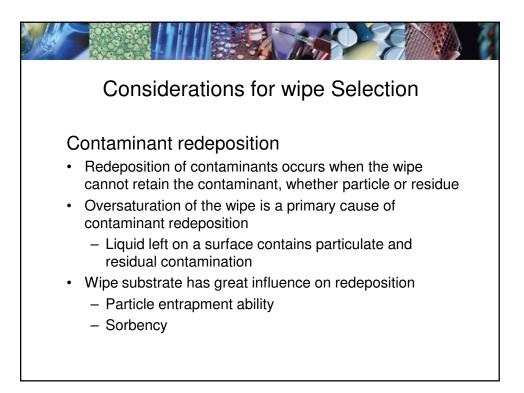


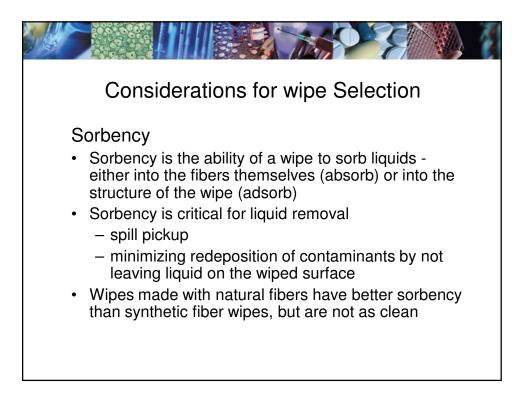










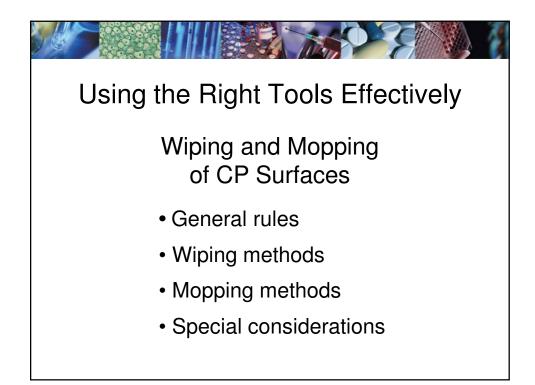


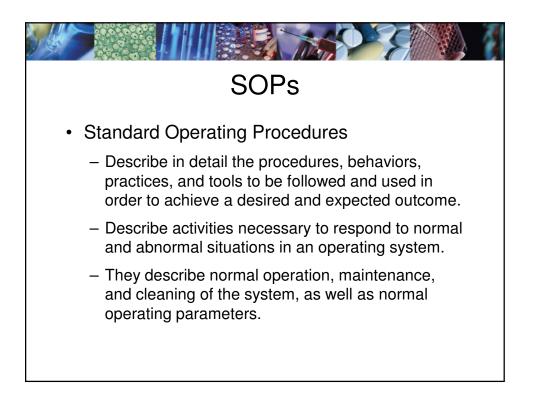
ISO Clas	ss 5 - Lan	ninar Air Flo	ow Hoods,	BSCs
Type of Wipe	<797> Requirement	Good	Better	Best
Wipes – dry (spill control, applying and removing solutions)	Non-shedding wipes and sponges	Nonwoven polyester/cellulose wipes	Knitted polyester wipes	Knitted polyester wipes, STERILE
Wipes – presaturated (general and routine cleaning)		Nonwoven polyester/cellulose wipes, presaturated with 70%IPA 30% DIW	Knitted polyester wipes, presaturated with 70%IPA 30% DIW	Knitted polyester wipes, STERILE, presaturated with 70%IPA 30% DIW
Mopping tools (Enclosure sides and top)	Non-shedding mops	Hand-held tools that enable reach, easy contact, and effective cleaning of all areas within an enclosure (LAFW, BSCs, fume hoods, etc.).		

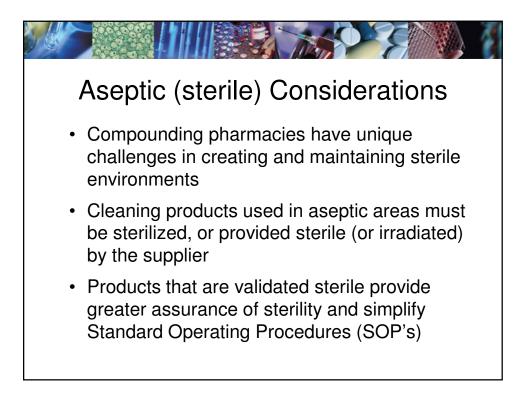


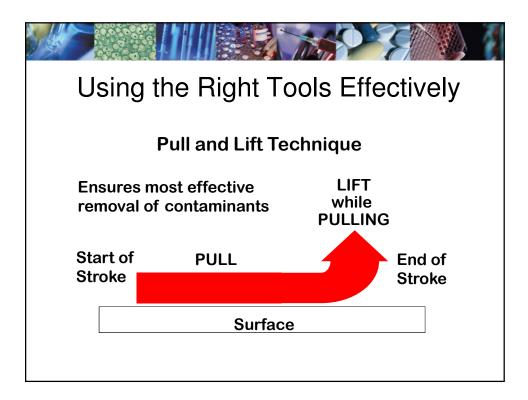
IS	O Class 7 8	8 -Buffer Z	Cone/Ante A	Area
Type of Wipe	<797> Requirement	Good	Better	Best
Wipes – dry	Non-shedding wipes and sponges	Nonwoven polyester/cellulose wipes	Knitted polyester wipes	Knitted polyester wipes, STERILE
Wipes – presaturated		Nonwoven polyester/cellulose wipes, presaturated with 70%IPA 30% DIW	Meltblown polypropylene wipes, presaturated with 70%IPA 30% DIW	Knitted polyester wipes, presaturated with 70%IPA 30% DIW
Mopping tools, for floors and walls	Non-shedding mops	Commercial flat or string style mops WITHOUT cotton or cellulose, PLUS a bucket/wringer system	Engineered flat or string style mops, PLUS a coordinated bucket/wringer system	Engineered flat or string style mops, PLUS a coordinated TWO bucket/wringer system

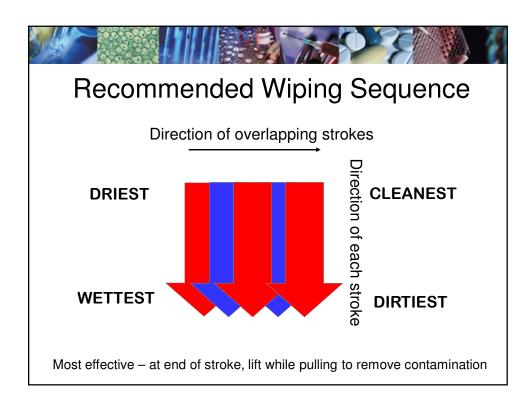




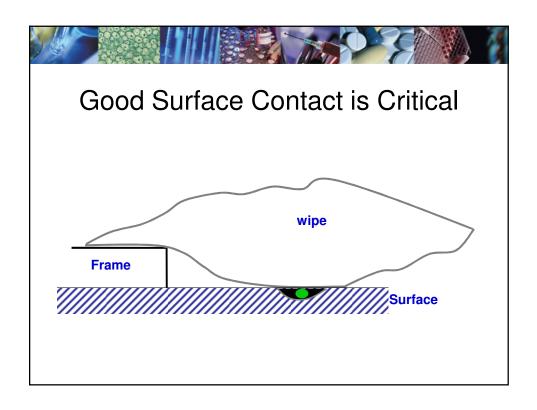


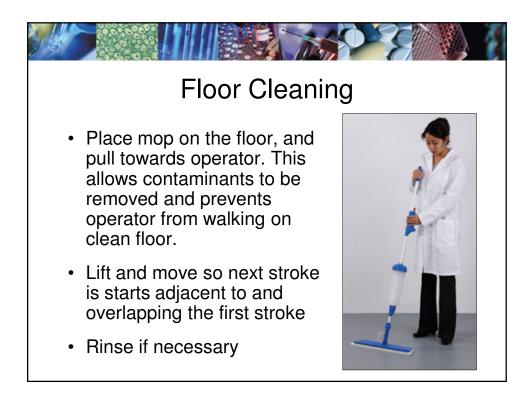


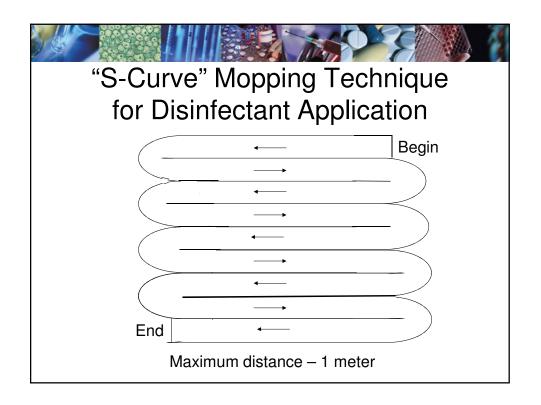


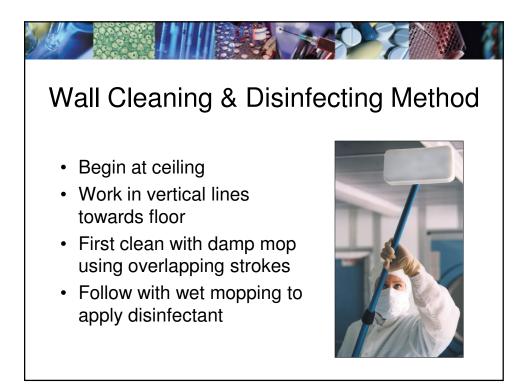


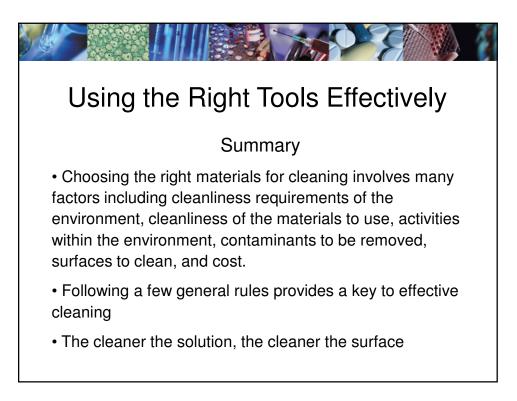


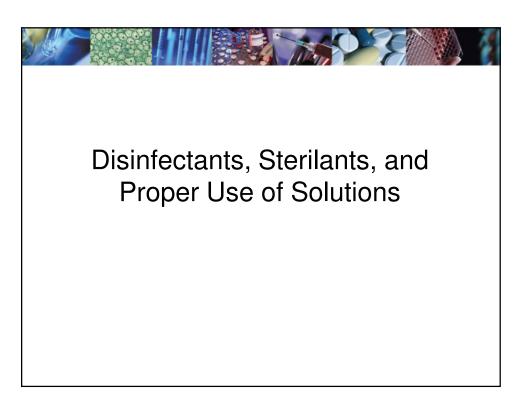


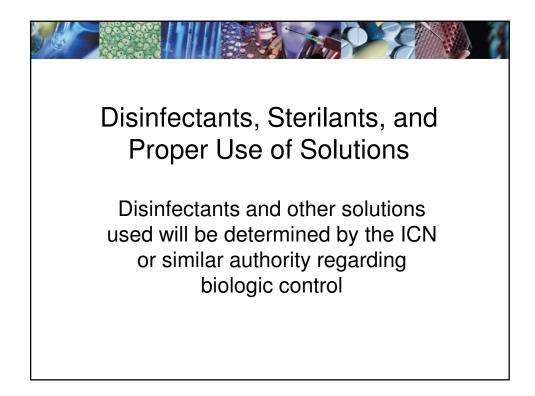


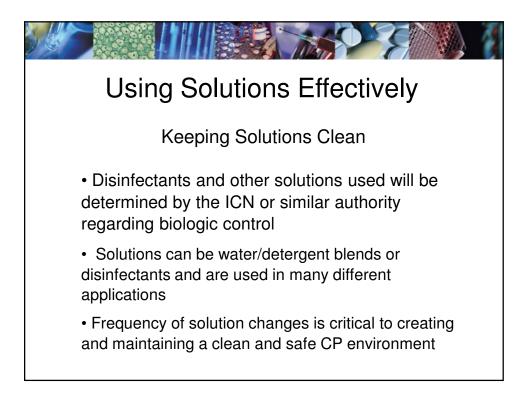


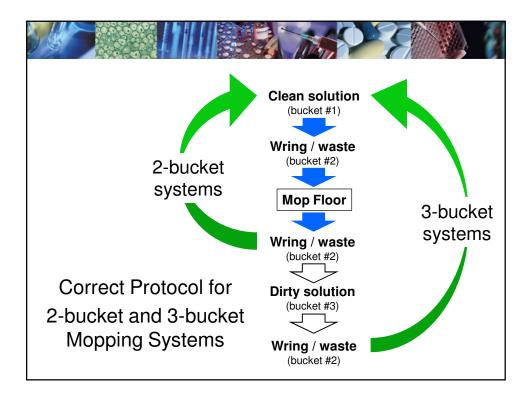


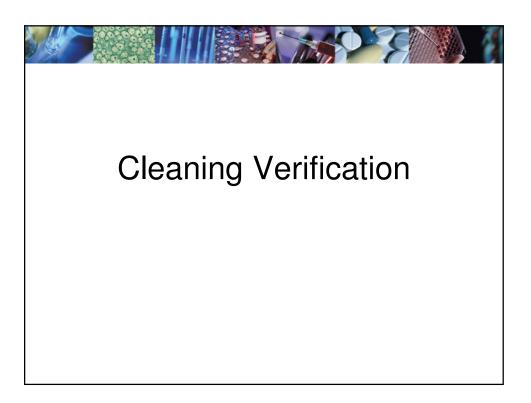


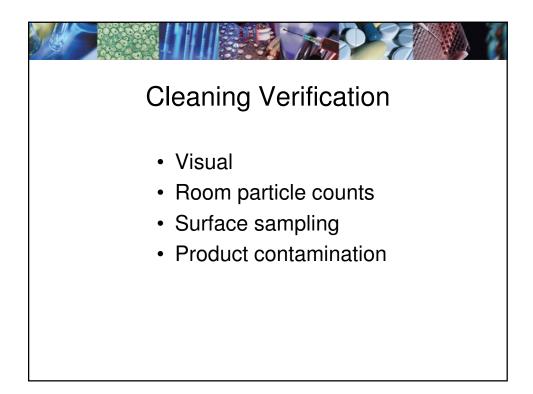


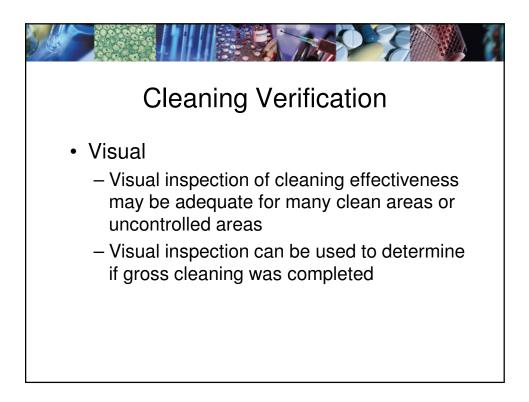


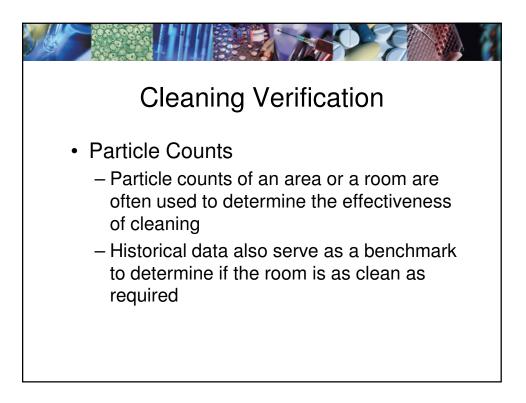


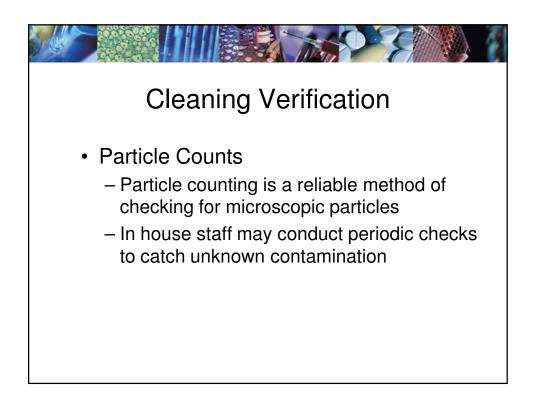


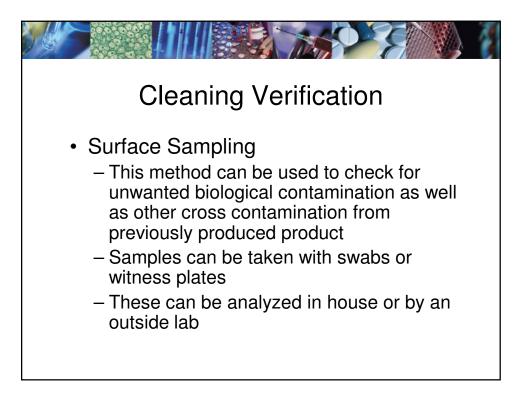












Nonviable Particle Testing				
Test Method	Particle Size			
Visual wipe test	>50 µm			
Ultraviolet light inspection	>20 µm			
High-intensity white light inspection	>20 µm			
Surface cleaning efficiency test	>20 µm			
Counting and sizing particles with an optical microscope	>5 µm			
Automated particle fallout (optical)	>5 µm			
(laser)	>0.2 µm			
Surface particle detector method	>0.3 µm			

