



NADCA: Education, Safety, Fall Tech, & White Paper Committee's SME CVI Exam Rewrite Robert Rizen is VP of GC Industrial. He has been involved with air conveyance cleaning since 1989 as well as full service restoration operations.

NADCA - ASCS, CVI, VMT IICRC: ASD, MRS, OCT, CCT, FST, WRT

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- √This presentation is not intended to be a comprehensive program covering all aspects of this topic.
- ✓All participants are encouraged to read and follow applicable standards, codes and regulations related to this topic.
- √The views and opinions following are the presenter's opinions and not necessarily the official position of the National Air Duct Cleaners Association.

SPECIALIZED JOBS AND CLEANING UNIQUE FACILITIES	
Food Manufacturing Hospital Industrial / Manufacturing Pharmaceutical	

RULES OF ENGAGEMENT			
	Documents you may have to review & receive training onsite		
₽ I	Health questionnaire = have you been ill?		
<b>~</b> (	GMP Documents – site or area specific		
<b>₩</b> 1	NDA = Non-Disclosure Agreement		
	Digital Media Policies = pictures, communications, devices		
<b></b> 5	Safety requirements = hard hat, glasses, cut sleeves etc.		
△ E	Emergency procedures = accidents, fire etc.		
<u> </u>	Equipment policies = lifts, vacuums etc.		
	Site Hazards = what is being produced, drugs etc.		

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## COMMON REQUIREMENTS

- No jewelry or piercings
- No loose clothing/street clothing
- No street shoes = change inside before entering production areas
- No street clothes = provided jackets, suits etc.
- No fake nails, eyelashes, hair, makeup
- No cologne, perfume, heavily-scented deodorant or scented body lotion (or other fragrances)
- No cuts or open wounds
- No eating, gum, tabaco products
- No ceramics or glass

### FOOD MANUFACTURING / PROCESSING

- 100% blocked in some areas. Break pipes apart.



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- Air chisel Hammer drill bit

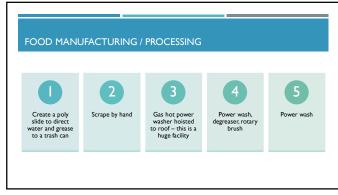












# Several meetings before work can begin Depending on what type of areas you will be working in, meeting with nursing staff Meet with Infection Prevention specialist—they may have to review your work plan and sign off Additional containment will be needed Work areas and containment may be inspected during your project Nothing inside an active hospital is easy

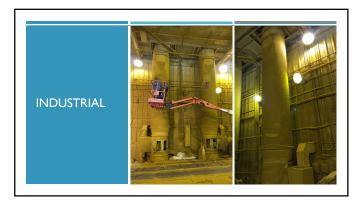
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# HOSPITAL \* Occupied 4th floor, nursing station \* Noise was a concern – project was overnight \* Cleaning of One Fan Coil \* Any ceiling tile removed required containment \* We provided our work plan weeks before this \* IP produced a multi page spreadsheet for risk assessment before work could begin – 4 people had to sign this! \* IP inspected our containment before we were allowed to start work, posted a sign of approval



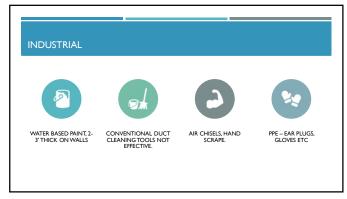


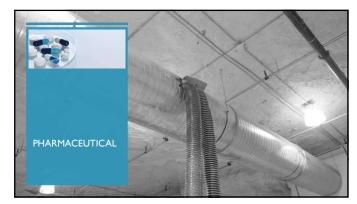


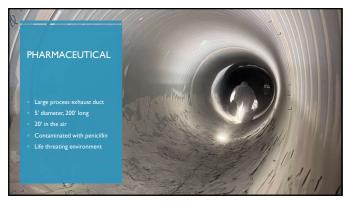














### PHARMACEUTICAL

- Access openings installed under containment, negative air
- PPE no exposed skin, supplied air for some
- Noncombustible, dangerous to breathe
- Decon shower after leaving duct and containments, in suits
- Hazmat vacuums utilized, bag all debris
- Site disposed of debris



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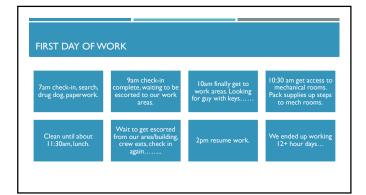
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	I ha	to undergo federal background check.
inventory of everything I would bring with me.		Inventory of everything I would bring with me.

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### **SITE VISIT**

- Searched, drug dog passed by.
- Inventory of what I have on me, wallet contents etc.
- No cell phone allowed put in metal box in security office.
- Personal escort assigned to me (armed guard).
- Ceiling hatches in many location secured by special fasteners.
- Steel bars inside large duct work in many locations.

TS EAS	S EASY UNTIL IT ISN'T				
Extensiv	e check in / out process every morning and evening.				
Everythi	ng brought inside the gates needs to be inventoried twice a DAY!				
Countin	Counting of every single screw, metal patch, tools, equipment etc.				
Some to	Some tools where not allowed – knifes of any kind.				
None of	our vehicles allowed on campus – they provided a golf cart				
3/4 mile f	rom gate to cell block D, logistics mess.				
	we eat? 15+ crew members.				



Security bar locations, in large mains, exhaust, small supply air ducts going to cells.

Security cages inside duct work – large mains in attic and exhaust ducts.

Secure exhaust caps on roof – hardened, bulletproof, 10 ga welded, non removeable.

Large AHU's served as exhaust during a fire – this was a fire, clean it all.

Most of the HVAC system had interior fiberglass liner.

### WHAT WE DID NOT ANTICIPATE

- Working close to inmate population.
- Inmate logistics if its shower day we can't work in that area, yard etc.
- Noise complaints.
- Complaints over the smell of paint coating.
- Prison staffing issues.
- Prison not having secure fastener drill bit.
- Inmate issues over leaving their rooms so we could clean.

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### PRESENTER CONTACT INFORMATION

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Thank You for	
Participating!	
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