



Managing Partner of True Cleaning Solutions. I reside about 60miles south of Kansas City, MO however My company is in Denver, CO.When I'm not on a duct cleaning project or in the Office you can find me at one of my three kiddos sporting events.

2

✓ 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. \checkmark The views and opinions following are the presenter's opinions and not necessarily the official position of the National Air Duct Cleaners Association.











CLEANING AND RESTORING AHU	S	
It is recommended that any BUAC outers compensation compensation	1	 The HVAC system components have become contaminated with construction particulate or debris;
 It is recommended that any HVAC system component or components be cleaned when a proper HVAC cleanliness inspection or building history indicates one or more of the following conditions exist: 	1	Mold contamination conditions have reached either Condition 2 or Condition 3;
The HVAC system components are contaminated with an accumulation particulate;	of =	Deterioration of fibrous glass duct liner, duct board, or other porous components;
 The HVAC system components' performance is compromised due to contamination build-up; 	1	 As part of an HVAC maintenance program as defined in ANSI/ASHRAE/ACCA Standard 180;
 The HVAC system components have been determined to be a source of unacceptable odors; 	1	 As part of the HVAC equipment manufacturers recommended maintenance practices;
The HVAC system components are discharging visible dirt or debris into		 As part of a proactive energy management program;
the conditioned space;	1.0	 As part of a proactive indoor air quality management program;
 The HVAC system components have been contaminated as a result of fi smoke, and/or water damage; 	re,	As a component to achieve LEED Certification;
The HVAC system components have been infested with birds, rodents, insects, or their byproducts;	1	When a newly installed component or duct has been contaminated construction and/or other
• The HVAC system components have been determined to be at rick for f	ire	dust and debris









CLEANING AND RESTORING AHUS

Per NADCA CVI Inspection Manual:

- Malfunctioning coils, including dirty coils, can waste energy and cause thermal discomfort.
- Duct linings should not be allowed to become moist from humidification or mist sprays.
- Filters should fit tightly in the filter housing to avoid blow-by.
- If dirt accumulates in the ductwork, and if the RH matches the dew point (so that condensation occurs), the available nutrients and
 moisture may support the microbial growth.
- Check that pans are clean, with no residue, standing water, or leaks.
- Check fan blades for cleanliness and any signs of corrosion problems.
- Air handlers that are located in difficult-to-access places (e.g. in places that require ladders for access, have inconvenient access doors to unbolt or are located on roofs with no roof hatch access) will be more likely to suffer from poor air filtration and lack of overall maintenance.

























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26

Night Shift Team never knew the duct cleaners were coming!

- Sorry our staff didn't know you were coming tonight... we'll have to reschedule for another date!
- You've made this request multiple times for weeks... you get on site and the smoke and duct detector system is online!
 They know your cleaning the air handler, you know your cleaning the air handler... get onsite and they are shocked you have to
- shut it down for 8 hours!

 Your alone in the building to do the duct cleaning... walk into an office where someone is sleeping!
- Your team gets onsite, is all set up for the duct cleaning... the power cord is still at the shop!
- Your team gets onsite, is all set up for the coil cleaning... the hose never made it to the truck!
- Your team calls you to let you know they relieved the system of refrigerant!
- I know something is wrong when the call starts with..." So, we were just moving the ladder..."
- You never want to hear... "Where's all that water coming from?"
- The facility tells you sorry you can't park there!
- You're in the middle of a duct cleaning project... It's a little after midnight and the police walk in!
- Customer got the closeout report and in one of the photos your employee is flipping someone off in the background!
- You're meeting with Suits way smarter than us... When they ask do you need a crane to get your equipment on the roof?
- You're cleaning the ducts when the fire system goes off...And it's your fault!...You just cleared out the facility!
- Your crew calls you to let you know the airless sprayer had a malfunction while they were coating



2	8	



















PRESENTER CONTACT INFORMATION

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37

Thank You for Participating!