



Slide 1


BEHIND THE GRIME:
Advanced Source Removal Techniques





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Slide 2



BIO

Brian K. Scott
Owner, Uni-source Restoration
Large Loss HVAC Consultant | Indoor Air Quality Specialist
Brian K. Scott is the owner of Uni-source Restoration - a premier firm specializing in comprehensive restoration services and indoor air quality solutions. With 28 years of industry expertise, Brian is a recognized leader in large loss HVAC consulting, offering rapid mobilization and expert guidance on complex restoration projects across fire, microbial, and environmental losses.
Certified by NADCA, Brian has also been trained in multiple different methodologies such as ICRC, ICRA and ISO level standards used in safe rooms and medical areas.
Brian also is a respected authority in HVAC system restoration. His hands-on approach, coupled with deep technical insight, ensures each project meets the highest standards of safety, cleanliness, and operational integrity.
From fire-damaged facilities to microbial contamination and airborne hazard mitigation, Brian's work is defined by precision, accountability, and a passion for restoring healthy environments. Under his leadership, Uni-source Restoration has earned a reputation for reliability, rapid response, and results that speak for themselves.
Whether overseeing a large-scale loss or improving indoor air systems, Brian brings a powerful combination of field knowledge, certifications, and leadership—making him a go-to expert in the restoration and environmental health industries.

Slide 3




Disclaimer

This presentation is not intended to be a comprehensive program covering all aspects of this topic. All technicians are encouraged to read and follow all applicable standards, codes and regulations related to this topic.

- ✓ It is the responsibility of each individual contractor to follow local building codes and licensing requirements and to work safely in accordance with OSHA guidelines.
- ✓ It is the contractor's responsibility to take precautions on each project to prevent cross contamination. Always take the health and safety of the building occupants into consideration before you conduct any cleaning procedures.
- ✓ All of the following tips are only general tips. They do not cover every situation and it is your responsibility to adapt these tips to the individual system you are working on.
- ✓ The instructor is not responsible in any way for the work you perform after viewing this slide show. You are responsible for your own work.
- ✓ The views and opinions following are the instructors opinions and not necessarily the official position of the National Air Duct Cleaners Association.


Slide 4



What We'll Learn

- Methodologies
- Selecting the Right Tools
- Real World Examples
- Pitfalls of selecting the wrong tools

Slide 5




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Source Removal Methodology

- Understand the NADCA ACR 2021 Standard
- IICRC S520: Professional Mold Remediation Standard
- ACCA-6: HVAC System Cleanliness, Section 4.2: Physical Dislodgement, Particle Transport, Contaminant Removal
- Source removal methodology

Slide 6




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Selecting the proper tools

- Cleaning criteria and how the best cleaning tools and equipment can take you to another level
- Creating your own tools for situational needs as dictated by your project
- How the tools you select can help or harm you
- How the tools work for the required cleaning

Slide 7



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Real World Examples

- Undisclosed Project #1 - Grocery Store (post-fire)
- Undisclosed Project #2 - Canning Facility
- Undisclosed project #3 - Hotel, Puerto Rico (post-hurricane)
- Undisclosed Project #4 - Processing Facility
- Undisclosed Project #5 - Lab Facility (post-fire and water damage event)

Slide 8



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Project 1: High-End Grocery Store HVAC Restoration (post-fire event)

Slide 9



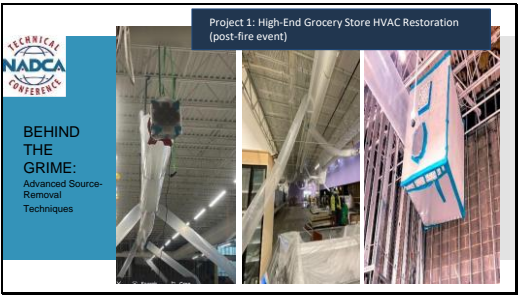
Project 1: High-End Grocery Store HVAC Restoration (post-fire event)

How to: place a heating or ventilation system under negative pressure as well as porting in fresh air, plus how to set up a safety assessment plan for tethering and correct spotters to safely crawl into mechanical systems.

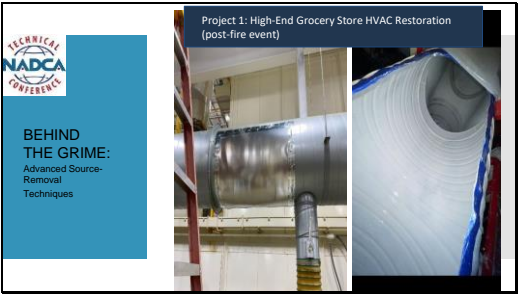
Slide 10



Slide 11



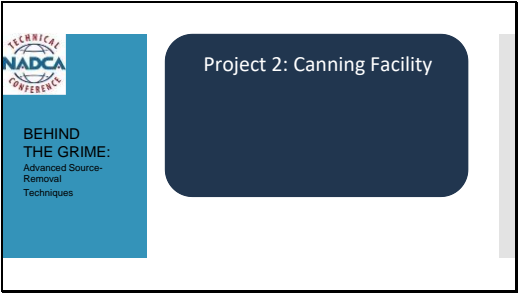
Slide 12



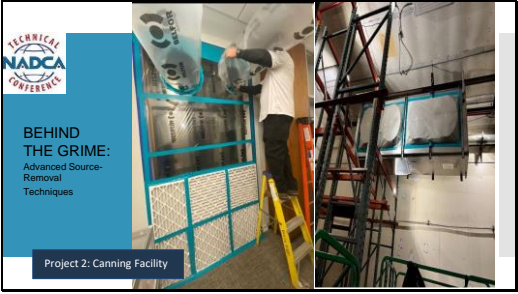
Slide 13



Slide 14



Slide 15



Slide 16



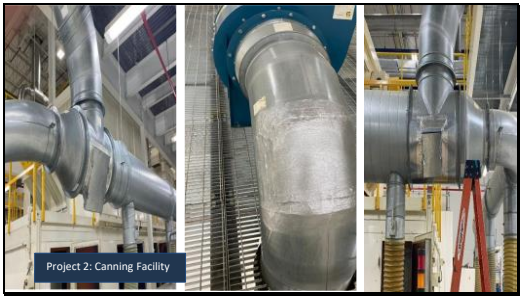
Slide 17



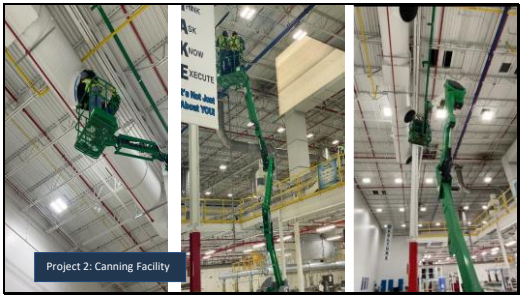
Slide 18



Slide 19



Slide 20



Slide 21



Slide 22



Slide 23



Slide 24



Slide 25



Slide 26



Slide 27



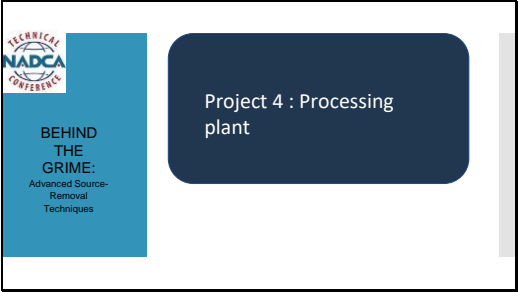
Slide 28



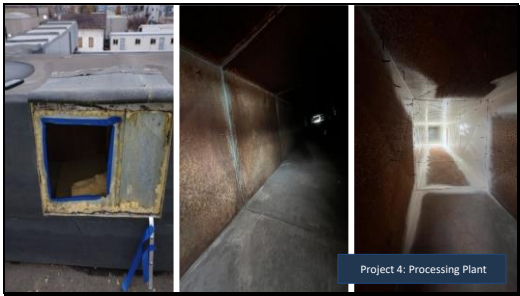
Slide 29



Slide 30



Slide 31



Slide 32



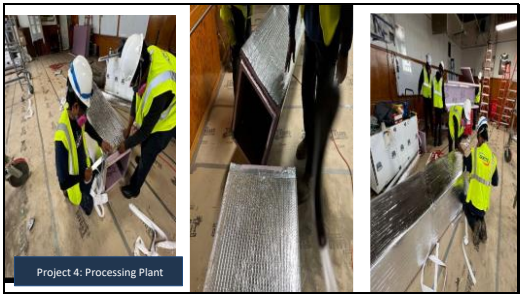
Slide 33



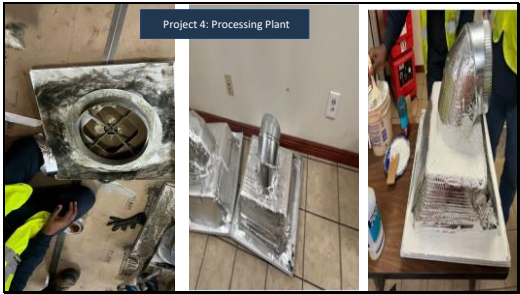
Slide 34



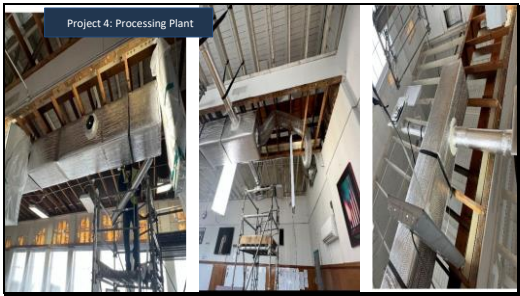
Slide 35



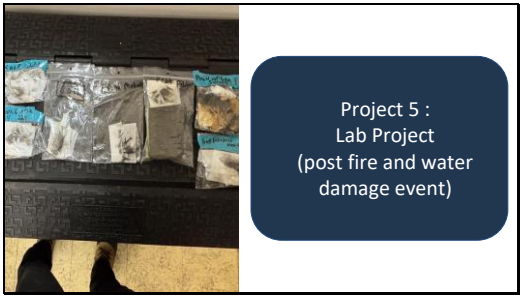
Slide 36



Slide 37



Slide 38



Slide 39




Slide 40



Slide 41



Slide 42




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Pitfalls

- Be able to communicate what methodology you're using (include methods and Standards language in the scope)
- Lack of hold harmless
- More pitfalls...

Slide 43




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Conclusion

- Understand the Standards!
- Think outside the box
- Be creative and innovative - (adhering to the Standards)
- Ensure containment is right - this is critical


Slide 44



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Slide 45



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Slide 46

Thank you for
Participating!

