

CASE STUDY



RESTORING INDOOR AIR QUALITY AT FIRE DAMAGED RESORT

**Monte Carlo Casino & Resort
Las Vegas, Nevada
January 2008**

The DUCTZ National Service Team (NST) responded to an emergency call to help restore the indoor air quality after fire caused soot and odor damage at the Monte Carlo Hotel & Resort in Las Vegas, Nevada. Immediately after fire officials released the building for safe entry, the DUCTZ NST response team began assessing impacted HVAC and mechanical systems.

Our assessment and observations identified mechanical system components that required restoration and cleaning to pre-fire conditions. After completing the assessment, DUCTZ NST created a work plan based on initial observations that included:

SERVICES & CAPABILITIES

- Fire and Water Damage Restoration
- Cleaning of HVAC Systems
- Hygienic Cleaning of Mechanical Systems
- Maintenance Cleaning Programs
- Evaluations of Mechanical Systems
- Project Management & Consultation
- Certified & Trained Technicians

1. Conducting a detailed walk through of the 1,600 guest rooms located on the upper 17 floors of the facility noting the condition of individual room units ;
2. Observing the condition of individual HVAC systems serving luxury suites;
3. Evaluating the supply and return sides of large rooftop air handling units serving common areas of the facility;
4. Recommending specific restoration procedures; and,
5. Providing a pictorial report documenting conditions

After review of our assessment and recommendations, DUCTZ NST was authorized to begin work and assembled a 70-member team in one day. The restoration cleaning of individual room units and rooftop systems was completed to the client's satisfaction within 7 days.



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INDOOR AIR PROFESSIONALS

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