



Office: 509-935-4050



Email: office@rebuildingyourdream.com



P.O. Box :1272
Chewelah, WA 99109



T&M RESTORATION

RESTORING WHAT MATTERS.
REBUILDING YOUR DREAM.

WILDLAND FIRE – STRUCTURE CLEANING & ODOR CONTROL PROTOCOL

T&M; Restoration recommends the following structure cleaning and odor-control procedures for homes impacted by wildland fire, smoke, soot, and associated odors. The procedures are designed to address both visible contamination and residual smoke odor that can remain within structural materials, contents, textiles, and HVAC systems.

1 THERMAL FOGGING – INITIAL ODOR TREATMENT

The affected structure will be treated using a professional thermal fogging application designed to penetrate areas where smoke odor may have migrated. Following the thermal fogging treatment, the structure will remain closed and undisturbed for approximately 24 hours to allow the treatment to work throughout the affected areas.

2 HEPA AIR FILTRATION & ODOR CONTROL

After the initial thermal fogging period, T&M; Restoration will install HEPA 500 air filtration devices equipped with activated-carbon filtration to capture airborne particulate and assist with the removal of smoke-related odors. Depending on the size and configuration of the structure, up to three hydroxyl odor-control machines may also be installed to provide continuous odor treatment throughout the affected areas. Equipment placement and operating times will be adjusted based on the size of the structure, level of contamination, and observed odor conditions.

3 CONTENTS HANDLING & CLEANING

Contents will be evaluated throughout the structure to determine the appropriate cleaning method. Where practical, contents will be moved as necessary to access affected surfaces, cleaned in place when appropriate, and wiped or cleaned on exterior surfaces to remove smoke and soot residues. Contents will also be evaluated for additional cleaning, restoration, or removal when contamination cannot be adequately addressed in place. Soft goods, textiles, clothing, upholstered furniture, bedding, and other porous contents will be reassessed to determine whether additional specialized cleaning or a pack-out and off-site contents restoration process is necessary.

4 STRUCTURAL CLEANING

Structural cleaning will be performed using a top-down cleaning methodology, beginning at the highest affected surfaces and working downward. Specialized smoke and soot cleaning products and appropriate cleaning techniques will be used to clean affected ceilings, walls, trim and other structural surfaces, doors, and other accessible areas exhibiting smoke or soot residue. The cleaning process will be performed systematically to reduce the possibility of recontaminating previously cleaned surfaces.

5 CARPET CLEANING

Following structural cleaning, affected carpeting will be professionally cleaned using appropriate extraction and cleaning procedures. The carpet will be evaluated following cleaning to determine whether smoke odor and contamination have been adequately removed or whether additional treatment or replacement should be considered.

6 HVAC / DUCT SYSTEM CLEANING

The home's HVAC ducting and associated accessible components will be professionally cleaned to address smoke particulate and odor that may have entered the ventilation system. Cleaning the HVAC system is an important component of the overall restoration process because smoke odors and particulate can be redistributed throughout the structure through the heating and ventilation system.

7 FINAL ODOR ASSESSMENT

Once structural cleaning, contents cleaning, carpet cleaning, HVAC cleaning, HEPA filtration, and hydroxyl treatment have been completed, T&M; Restoration will perform a final assessment of the structure. The remaining odor conditions will be evaluated to determine whether additional odor-control procedures or specialized contents restoration are necessary.

OVERALL RESTORATION OBJECTIVE

The combination of thermal fogging, HEPA/activated-carbon filtration, hydroxyl treatment, contents cleaning, structural cleaning, professional carpet cleaning, and HVAC duct cleaning is intended to provide the most comprehensive approach to reducing smoke particulate and residual odor following a wildland-fire event. Because smoke contamination can affect both porous and non-porous materials, the final scope may need to be adjusted based on conditions discovered during the cleaning process and the response of individual materials and contents to cleaning deodorization.