



Minnesota
Pollution
Control
Agency

Pre-Renovation and Demolition

Minn. R. 7035.0805

Waste/Solid Waste #4.07 • August 2009

The intent of Minn. R. 7035.0805 is to ensure that items present in structures such as hazardous materials or other items that are prohibited from being deposited in a landfill, are removed prior to the commencement of renovation or demolition, and that those materials are disposed of or recycled properly. This fact sheet is only intended to give guidance and is not intended as a substitute for reading the rule and determining its applicability to your renovation or demolition project.

Does the pre-renovation and demolition rule apply to my project?

The Pre-Renovation and Demolition Rule applies to all structures and persons engaged in the renovation, moving and demolition of structure, or portion of a structure. This includes residential homes, recreational, government, agricultural, commercial, industrial and other structures of a relatively permanent nature. The Pre-Renovation and Demolition rule also includes demolition by burning for the purpose of disposal only where it has been authorized by law or for fire training.

Items needed to be removed prior to renovation or demolition?

Note that all materials removed must be properly characterized, tested, managed, and disposed of, reused or recycled in accordance with applicable standards.

The following is not a complete list but should be used for knowledge of what type of items must be removed.

- mixed municipal solid waste - furniture, carpeting unattached to the substrate, bedding, mattresses, clothing, small appliances, food and waste
- household hazardous waste - automotive fluids, lawn and garden chemicals, pest control products, household cleaners, paint and home improvement products
- materials that constitute industrial solid waste or hazardous waste
- waste tires
- major appliances
- mercury containing items
- batteries
- lighting - florescent, high intensity, high pressure sodium, mercury vapor, and neon
- switches
- thermostats and similar devices
- devices associated with heating systems, air conditioning systems, boilers and furnaces
- devices associated with electrical systems
- chloro fluoro carbons (CFCs) containing items
- poly-chlorinated bihenyls (PCBs) containing items

- oils - used oil, all hydraulic oils, and oils contained in heating oil tanks, piping, sumps and traps
- lead - lead pipes, lead sheeting, flashing in roof vents, *lead paint that is not firmly adhered to substrat*
- electric products - cathode ray tubes (TV, computers), circuit boards
- asbestos - products required to be removed under Minn. R. 7011.9920
- radioactive waste
- other materials that may be prohibited from disposal at the facility intended to receive the renovation or demolition waste

National emission standard for hazardous air pollutants (NESHAP)

Facilities regulated under 40 CFR pt. 61.141 must notify the Minnesota Pollution Control Agency (MPCA) ten working days prior to the start date of a renovation or demolition project. All materials regulated under the Pre-Renovation and Demolition Rule must be removed from the facility **two days** prior to the start date that was submitted on the notification.

Exemptions

Only under special circumstances, such as the structure being unsafe to enter as determined by a local government authority, is it acceptable **not** to remove regulated items before renovation or demolition.

However, these items must be removed from the debris before disposal. Contact the MPCA at 651-296-6300 or 1-800-657-3864 and ask for the demolition staff for further guidance.



Minnesota Pollution Control Agency

520 Lafayette Road North
St. Paul, MN 55155-4194

Pre-Renovation/Demolition Environmental Checklist

Asbestos Program

Doc Type: Compliance/Enforcement Correspondence

Minn. R. 7035.0805 requires that you remove the items below before starting a renovation or demolition project, and then manage and recycle or dispose of them correctly. This checklist is provided to help you manage the project and does not need to be submitted to the Minnesota Pollution Control Agency unless requested.

Project Information

Structure owner

Name: _____
Address: _____

City, State, Zip: _____
Contact name: _____
Phone number: _____

Structure information

Building name: _____
Address/Location: _____

City, State, Zip: _____
Age of bldg (yrs): _____ Size of bldg (sq ft): _____
Present use of bldg: _____

Demolition contractor

Name: _____
Address: _____

City, State, Zip: _____
Contact name: _____
Phone number: _____

Prior use of bldg: _____

Dates of renovation, demolition, or fire training burn:

Start date: _____ End date: _____
(mm/dd/yy) (mm/dd/yy)

Mercury	Qty		Qty		Qty
Batteries		Firestats:		Boiler insulation:	
Smoke detectors:		Manometers:		HVAC duct insulation:	
Emergency lighting systems:		Thermometers:		Ductwork flexible fabric connections:	
Elevator control panels:		Bollers, furnaces, heaters, and tanks		Fireproofing materials:	
Exit signs:		Mercury flame sensors by pilot lights:		Fire doors:	
Security systems and alarms:		Manometers, thermometers, gauges:		Flooring:	
Lighting		Pressure-trol:		Vinyl floor tile:	
Fluorescent lights:		Float or level controls:		Vinyl sheet flooring:	
High intensity discharge		Space heater controls:		Asphalt tile:	
Metal halide:		Electrical systems		Linoleum paper backing:	
High pressure sodium:		Load meters & supply relays:		Mastic/glue (floor tile, carpet, etc.)	
Mercury vapor:		Phase splitters:		Electrical	
Neon:		Micro relays:		Electrical panels:	
Switches for lighting using mercury relays (look for any control associated with exterior or automated lighting systems):		Mercury displacement relays:		Electrical wiring insulation:	
"Silent" wall switches:		Asbestos		Heating and electrical ducts/conduit:	
Heating, ventilating, and air conditioning systems		Boiler rooms		Pipe and other insulation	
Thermostats:		Boilers, furnaces, fireplaces, and their components:		Aircell (corrugated cardboard):	
Aquastats:		Cement sheets near heating equipment:		Millboard:	
Pressurestats:				Preform:	
				Joint compound:	

Asbestos (continued)	Qty	ChloroFluoroCarbons	Qty		Qty
Spray applied insulation:		Fire extinguishers (both portable and installed halon suppression systems):		Lead-acid batteries (lighting, exit signs, security systems):	
Blown-in insulation:		Air conditioners (rooftop, room, and central):		Lead flashing molds and roof vents:	
Block:		Walk in coolers (refrigeration or cold storage areas):		Lead pipes and solder:	
Surfacing materials		Water fountains and dehumidifiers:		Lead-lined X-ray rooms:	
Acoustical plaster:		Refrigerators/freezers/chillers:			
Decorative plaster:		Heat pumps:		Other	
Textured paints & coatings:		Vending machines/food display cases:		Solid waste (all non-building components such as unattached carpet, files, books, trash, desks, chairs, etc.) must be removed prior to demolition:	
Spray-applied materials (acoustical, decorative, or insulative):				Hazardous waste (including household) must be properly handled and disposed of prior to demolition:	
Roofing		Poly-Chlorinated Biphenyls (PCBs)		Oil (used oil, hydraulic oils in door closers, elevator shafts, etc.) must be collected and properly disposed of prior to demolition:	
Roofing shingles:		Transformers:		Tanks (no evidence of former heating tanks or storage tanks exist):	
Roofing felt:		Transistors:		Appliances must be recycled by an appliance recycler:	
Base flashing:		Capacitors:		Electronics:	
Cement materials (Transite)		Heat transfer equipment:			
Cement pipes (flues & vents):		Light ballasts:			
Cement wallboard:					
Cement siding:		Lead			
Pegboard:		Lead-based paint (woodwork, metal equipment, interior/ exterior uses):			
Ceiling materials					
Ceiling tiles:					
Ceiling tile adhesives (pucks):					
Lay-in ceiling panels:					
Acoustical tiles:					
Miscellaneous					
Taping, joint, and spackling compound:					
Caulking/putties:					
Fire curtains and blankets:					
Laboratory hoods, table tops, gloves, etc.:					
Gaskets:					

If you have questions or comments about this checklist, identify any additional items not found in this list, or would like to discuss an individual project, contact the Minnesota Pollution Control Agency at 651-296-6300 or 1-800-657-3864.

Affiliation with project: _____ Title: _____
 Printed name: _____ Date: _____

Important Note:

This guidance document is not intended as a substitute for reading Minnesota Rules and Statutes and making your own independent determination of their applicability to your renovation/demolition project. Examples in this guidance document do not represent an exhaustive listing of type of materials that may be required to be removed from a building prior to renovation/demolition.