



Saint Paul - Ramsey County Department of Public Health
 Environmental Health Section
 Solid & Hazardous Waste Compliance Program
 2785 White Bear Ave., Suite 350
 Maplewood MN 55109 - 1320

Phone: 651 266-1199

FAX: 651 266-1177

Pre-Demolition Items of Concern Checklist

The items listed on this form are not intended to and do not provide an exhaustive listing of all the types of materials that may be required to be removed from a structure prior to renovation or demolition. It is the responsibility of the contractor and its Project Manager to know and understand the applicable rules, regulations, and statutes pertaining to the removal, handling, and proper recycling or disposal of materials prior to the commencement of renovation or demolition of any structure.

A. Mercury and Mercury Containing Devises		<i>SWMO 15.04 F (1-7)</i>
1.	Batteries:	<i>SWMO 15.04 F (1)</i>
	a. Smoke detectors:	
	b. Emergency Lighting Systems:	
	c. Elevator Control Panels:	
	d. Exit Signs:	
	e. Security Systems and Alarms:	
	f. Other:	
2.	Lighting:	<i>SWMO 15.04 F (2 & 3)</i>
	a. Fluorescent Lamps:	
	b. HID Metal Halide:	
	c. HID High Pressure Sodium:	
	d. HID Mercury Vapors:	
	e. Neon Lights/Signs:	
	f. Mercury Relay Switches (associated with exterior automated lighting):	
	g. Silent Wall Switches:	
	h. Other:	
3.	Heating, Ventilating, and Air Conditioning Systems: Devises in this category will control a variety of functions such as water pressure, air pressure, temperature, air flow/handling control, and on/off functions of this type of equipment.	<i>SWMO 15.04 F (4)</i>
	a. Thermostats:	
	b. Aquastats:	
	c. Pressurestats:	
	d. Firestats:	
	e. Manometers (used to measure pressure of liquids and gases):	
	f. Thermometers:	
	g. Other:	
4.	Boilers, Furnaces, Heaters, and Tanks:	<i>SWMO 15.04 F (5)</i>
	a. Mercury Flame Sensors (located by pilot lights):	
	b. Manometers, Thermometers, and Gauges:	
	c. Pressure-trols:	
	d. Mercury Float or Level Controls:	
	e. Space Heater Controls:	
	f. Other:	

A. Mercury and Mercury Containing Devices continued		
5.	Electrical Systems:	<i>SWMO 15.04 F (6)</i>
	a.	Load Meters and Supply Relays:
	b.	Phase Splitters:
	c.	Microwave Relays:
	d.	Mercury Displacement Relays:
	e.	Other:
6.	Specialty Buildings, Industrial Sites and Areas of Mercury Concern: Hospitals, Clinics, Laboratories, Dental Offices, Industrial Sites that used mercury or mercury containing devices.	<i>SWMO 15.04 F (7) & N</i>
	a.	Sink and Floor Traps:
	b.	Equipment Control Boxes and Panels:
	c.	Equipment Switches and Relays::
	d.	Other:
B. Poly-Chlorinated BiPhenyls (PCBs) and PCB Containing Devices		
		<i>SWMO 15.04 G</i>
1.	PCB Containing Devices:	
	a.	Transformers:
	b.	Transistors:
	c.	Capacitors (typically in older model appliances and electronic equipment):
	d.	Heat Transfer Equipment:
	e.	Light Ballasts:
	f.	Other:
C. Lead Based Paint and Lead Material and Lead Containing Devices		
		<i>SWO 15.04 J</i>
1.	Lead Based Paint: Discontinued in 1978, typically bottom layers of multi-layers of paint in older buildings	
	a.	Interior and Exterior Uses:
	b.	Woodwork, Windows:
	c.	Metal Equipment and Surface Coverings:
	d.	Other:
2.	Lead Material and Lead Containing Devices:	
	a.	Lead Acid Batteries:
	b.	Lead Flashing or Moldings:
	c.	Lead Roof Vents:
	d.	Lead Pipes, Pipe Joints, and/or Solder/Seals:
	e.	Other:
D. Chlorfluorocarbons (CFCs) and Hydrochlorfluorocarbons (HCFCs)		
		<i>SWO 15.04 H & MS 116.70 (3)</i>
1.	CFC and HCFC Containing Equipment:	
	a.	Fire Extinguishers (portable and installed halon suppression systems):
	b.	Air Conditioners (rooftop, window, and central units):
	c.	Walk-in Refrigerators/Freezers/Blast Chillers (units and/or cold storage areas):
	d.	Cooled Water Fountains:

D. Chlorfluorocarbons (CFCs) and Hydrochlorfluorocarbons (HCFCs) continued

e.	Dehumidifiers:
f.	Heat Pumps:
g.	Cooled/Frozen Vending Machines/Food Display Cases:
h.	Other

E. Asbestos

SWO 15.04 M & MR 7011.9920

1.	Boiler and Furnace Rooms:
a.	Boiler and Furnace Insulation to include Ductwork and Flexible Fabric Connections:
b.	HVAC Ductwork Insulation:
c.	Cement Sheets or Wall Fireproofing near Boilers and Furnaces:
d.	Interior Coatings of Furnaces and Fireplaces:
e.	Fire Doors:
f.	Other:
2.	Flooring and Flooring Materials:
a.	Vinyl Floor Tiles and Sheet Flooring:
b.	Asphalt Tiles:
c.	Linoleum with Paper Backing:
d.	Mastic Compounds:
e.	Other:
3.	Wall and Surfacing Materials:
a.	Acoustical Plasters:
b.	Decorative Plasters:
c.	Textured Paint Coatings:
d.	Spray Applied Materials for Acoustical, Decorative, or Insulating Properties:
e.	Other:
4.	Ceiling Materials:
a.	Ceiling Tiles:
b.	Ceiling Tile Adhesives (pucks):
c.	Lay-In Ceiling Panels:
d.	Acoustical Tiles:
e.	Other:
5.	Electrical:
a.	Insulated Electrical Panels:
b.	Older Electrical Wiring Insulation:
c.	Heating and Electrical Ducts and Conduit:
d.	Other:
6.	Pipe and Other Insulations:
a.	Aircell (looks like corrugated cardboard):
b.	Millboard:

E. Asbestos continued	
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	c.	Preform:
	d.	Joint Compound:
	e.	Spray-applied Insulation:
	f.	Blown-in Insulation:
	g.	Other:

7.	Roofing and Roofing Materials:	
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	a.	Roofing Shingles:
	b.	Roofing Felt:
	c.	Base Flashing:
	d.	Other:

8.	Cement-based Materials (Transite):	
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	a.	Cement Flues and Vent Pipes:
	b.	Cement Wallboards:
	c.	Cement Siding:
	d.	Pegboard:
	e.	Other:

9.	Miscellaneous Materials and Items:	
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	a.	Taping, Joint, and Spackling Compounds:
	b.	Caulking and Putties:
	c.	Fire and Heat Resistant Gaskets:
	d.	Fire Curtains and Blankets:
	e.	Laboratory Hoods and Tabletops:
	f.	Fire/Heat Resistant Gloves, Holders, Clothing:
	g.	Other:

F. Miscellaneous Items, Materials, and Wastes	
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1.	Miscellaneous Items, Materials and Wastes:	
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	a.	Mixed Municipal Solid Waste (MMSW):	<i>SMO 15.04 A</i>
	b.	Hazardous and Household Hazardous Wastes:	<i>RCHWMO 3.06 & SWO 15.04 B & C</i>
	c.	Used and Waste Oil and Devises Containing Used and Waste Oil:	<i>SWO 15.04 I</i>
	d.	Major Appliances:	<i>SWO 15.04 E & MS 115A.03 (17a)</i>
	e.	Brown Goods and Electronic Equipment:	<i>SWO 15.04 K & L</i>
	f.	Tanks (Aboveground and Underground):	<i>MR 7151.8200 & MR 7150.0410</i>
	g.	Other:	

G. Other Remarks	
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