Asbestos Requirements

- Background
- Where it’s Found
- Why it’s Regulated
- Spokane Clean Air Requirements
Asbestos is a naturally occurring mineral fiber.
What is Asbestos?

- Used in building materials
  - Strong
  - Resistant to heat and chemicals
- Greek for “inextinguishable” or “indestructible”
History of Asbestos Regulations

- 1973 banned spray-applied ACM
- 1975 banned some installation of insulation on facility components
- 1977 banned spray-applied that wasn’t banned in 1973
- 1978 banned use of asbestos in artificial fireplace and wall patching
- 1989 banned most asbestos-containing products.
- 1991 rule was vacated and remanded overturning most of 1989 ban
Asbestos & Health

- Known human carcinogen
- No known safe levels of exposure
- Long latency period
Renovation and Demolition

When asbestos containing building materials are improperly impacted  3 main health risks are created.

Health risks include:
- Asbestosis
- Mesothelioma
- Lung Cancer
Why Regulate Asbestos?
Where is Asbestos?

- Roofing Materials
- Cement Pipes
- Plaster/Wall Joints
- Stucco
- Spray-on Popcorn Ceiling
- Texturing
- Cement Board Siding
- Furnace Insulation
- Vinyl Sheet Flooring
- Vinyl Floor Tile and Mastic
- Joint Compound
- Blown-in Insulation
- Duct Tape/Paper

This is just a sample list, it doesn’t include every product that may contain asbestos. **All materials other than glass, metal, untreated wood and asphalt shingles are suspect.**
Vermiculite in Attics
Ceilings
Walls
Flooring
Mechanical Systems
SRCAA Regulations

There are two primary categories when it comes to the regulation of renovation and demolition projects:

- Owner-occupied single family residence
- Everything else
SRCAA Regulations

SRCAA’s two main steps that should be completed prior to work beginning on a renovation or demolition project are:

- Asbestos Survey
- Notice of Intent
Asbestos Survey  
- More than just a lab result

The first step is to have an Asbestos Survey Conducted. For any Renovation or Demolition.

<table>
<thead>
<tr>
<th>SAMPLE</th>
<th>MATERIAL</th>
<th>LOCATION</th>
<th>CONTENT</th>
<th>QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>13118-02</td>
<td>Joint Compound</td>
<td>Exposed wall end near electrical panel</td>
<td>2-3%</td>
<td>Throughout</td>
</tr>
<tr>
<td>13118-04A</td>
<td>Joint compound from sub-sampling</td>
<td>At wall end near electrical panel by floor</td>
<td>2-3%</td>
<td>Throughout</td>
</tr>
<tr>
<td>13118-05</td>
<td>GWB</td>
<td>From debris pile in north storage area</td>
<td>TR</td>
<td>Typical</td>
</tr>
<tr>
<td>13118-06</td>
<td>Joint Compound</td>
<td>From debris pile in north storage area of Suite A</td>
<td>2-3%</td>
<td>Throughout</td>
</tr>
<tr>
<td>13118-07</td>
<td>Floor tile, black/brown</td>
<td>From east end of adjacent storage area on wood</td>
<td>Tile: 2-3%</td>
<td>Approx. 765 SF</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Mastic: 5-7%</td>
<td></td>
</tr>
<tr>
<td>13118-08</td>
<td>Mastic, black</td>
<td>Beneath floor tile on east end of adjacent storage area on concrete</td>
<td>5-7%</td>
<td>Approx. 1,530 SF</td>
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<tr>
<td>13118-09</td>
<td>Floor tile, black/tan</td>
<td>From east end of adjacent storage area on wood</td>
<td>Tile: 3-5%</td>
<td>Approx. 765 SF</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Mastic: 5-7%</td>
<td></td>
</tr>
</tbody>
</table>

A report is generated that describes what building materials, if any, contain asbestos.
Notice of Intent

With the information provided in the Asbestos Survey Report a Notice of Intent (NOI) can be submitted.
Notice of Intent

A Notice of Intent is Required for:
- All Demolition
- Most Asbestos Removal

Is Not Required for:
- Renovation involving no asbestos removal
Sequence of Events

1. Asbestos Survey
2. Notice of Intent
3. Waiting period
4. Asbestos abatement if present
5. Demolition of structure or Renovation activity
Contact Information

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