

LDEQ Protocol for Concrete Slabs and Flatwork Reuse or Recycling

All Asbestos Containing Material (ACM) and any other material regulated as Solid Waste must be removed from concrete slabs and concrete flatwork prior to demolition of the slab and/or flatwork for reuse or recycling. Non-ACM vinyl floor tile is regulated as solid waste and must also be removed from concrete slabs or concrete flatwork prior to any reuse or recycling. After all ACM and solid waste has been removed from the slab(s) and/or flatwork, this protocol shall be used to determine if it is clean enough to be reused or recycled. Visual clearance by a LDEQ representative shall be required on every slab prior to demo. The LDEQ representative may require sampling of any slab(s) with suspect material.

The following is required for ALL concrete slabs and/or concrete flatwork that will be REUSED or RECYCLED:

1. All ACM, material suspected to be ACM, solid waste, and loose debris, including standing water, shall be removed from the slab and/or flatwork.
2. A representative of the owner, or the operator, shall do a visual clearance of the slab and/or flatwork prior to requesting a clearance from the appropriate LDEQ Regional Office*. The representative of the owner, or the operator, shall notify the LDEQ if the slab and/or flatwork will be recycled by crushing or grinding.
3. When the above is complete, a representative of LDEQ will visually inspect each slab and/or flatwork to determine if it is clean enough to be reused or recycled.

If the slab and/or flatwork will be recycled by CRUSHING or GRINDING, the following may be required:

4. The LDEQ representative will determine if sampling is required and indicate areas of interest to sample, utilizing a permanent felt tip marker.
5. The sampling event shall be conducted using best work practices.
6. The number of samples taken shall be a minimum of one for every 240 sq. ft. of slab and/or flatwork to be demolished. The specific location of the areas to be sampled shall be determined by the LDEQ representative during the visual clearance.
7. The sample depth shall not exceed one-sixteenth of an inch.
8. To obtain a sample the suspect material shall be manually scraped, utilizing an implement that will not contribute extraneous material to the sample. For example a brick scraper would contribute material, whereas a carbide blade would not.
9. The samples shall be taken from the areas identified by the LDEQ representative. If the identified area is too small to obtain a sample, the sampler shall increase the surface area sampled instead of going deeper.
10. Lab results of sampling events shall be sent electronically to the E-mail address of the appropriate LDEQ Regional Office**.

*The Parishes covered by, and contact information for; each LDEQ Regional Office is available on the LDEQ web site at:

<http://www.deq.louisiana.gov/portal/tabid/62/Default.aspx#regional%20offices>