

LDEQ Protocol for Concrete Slab Recycling

All Asbestos Containing Material (ACM) must be removed from concrete slabs prior to demolition of the slab and recycling. Non-ACM vinyl floor tile must also be removed from concrete slabs prior to any reuse. After all ACM and non-ACM vinyl floor tile has been removed from the slab(s), this protocol shall be used to determine if it is clean enough to be recycled. This protocol does NOT apply to concrete flatwork such as driveways, walkways, and patios provided there is no visible evidence of ACM tile, ACM mastic or non-ACM vinyl floor tile.

The following is required for ALL concrete slabs that will be RECYCLED:

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

If the slab will be RECYCLED by CRUSHING, the following is also 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 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 depth shall not exceed one-sixteenth of an inch.
8. To obtain a sample the top of the slab shall be manually scraped, utilizing an implement that will not contribute material to the sample. For example a brick scraper would contribute, 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. The first five slabs scheduled for demo shall be sampled. If all five are negative, then every fifth slab shall be sampled. However, the visual clearance by a LDEQ representative shall be required on every slab prior to demo. The LDEQ rep may require sampling of any slab(s) with suspect material.
11. 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>