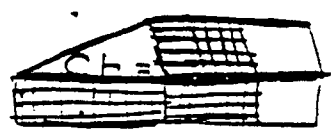
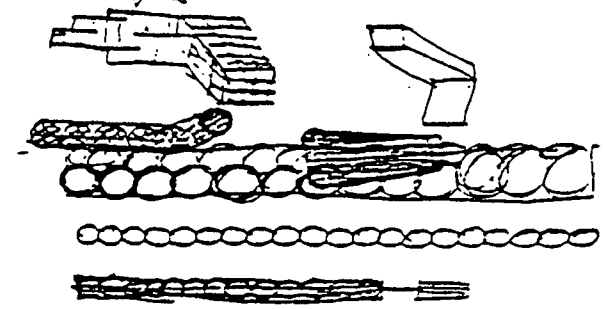
Pulmonary function equipment - CFR's file

- X-ray
- Pulmonary function
- Smoking Hx





Lynch USPHS.

- overall dust measurements used originally aerodynamic equivalent

Impinger total count vs. membrane filter count ratios is a very weak correlation.

	per million dust		
	Total Fibers	> 5μ fibers	> 10μ Fibers
Textile	10.3	5.9	2.7

TLV
2 million dust or 12 fibers > 5μ

Use > 5μ because used to be thought that only long fibers cause difficulty and also mainly the visibility is better and permits a better count

Light microscope compared c̄ electron microscope show that we only measure 10% of the total fibers even c̄ oil immersion

Analyzed for Hg. and converted to asbestos by multiplying by 4.

Gross Textile 2 mg/m³ is TLV = 12 fiber/2 million

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