

**Topic no. 68****Film Laboratory**

A **film laboratory** is a commercial service enterprise and technical facility for the **film** industry where specialists develop, print, and conform **film** material for classical **film** production and distribution which is based on **film** material, such as negative and positive, black and white and color, on different **film**.

**Process**

Exposed motion picture film will be processed according to exact chemical prescriptions at measured temperature as well as over measured time. After processing there is an original, the camera or picture original, in most cases a negative. From it a first sample is exposed on a motion-picture film printer. Again after processing there is a positive ready for inspection by the production representatives, usually by projection in the dark just like one sees a movie in a theatre.

The film *lab* thus needs various apparatus from developing equipment and machines, over measuring tools, cutting, editing devices, and printers to different sorts of viewing machinery including classic projectors. There are sensitometers, densitometers, analyzers, and array of chemical laboratory items that will help maintaining a level of repeatability of operations. Auxiliary material is also encountered within a film laboratory, for example *leader film*, plain plastic, to keep a developing machine threaded up.