

## **Surrey Scissor Lift Safety Training**

Surrey Scissor Lift Safety Training - A Scissor Lift is a functional kind of platform that normally moves in a vertical direction. The equipment is capable of this movement because of the use of folding supports which are connected in a criss-cross pattern called a pantograph. The platform is able to propel vertically because of the application of pressure to the outside of the lowest set of supports. This elongates the crossing pattern and causes the machinery to rise. Various models of scissor lift also have an extending "bridge" which enables operators to have closer access to the work area as the vertical only movement can have some inherent limits.

Scissor Lifts could contract by several means like for example mechanical, via a rack and pinion or lead screw system, or pneumatic or hydraulic. There are a wide variety of models presented on the market. Some kinds may need no power to enter "descent" mode but instead rely on a simple release of pneumatic or hydraulic pressure depending on the power system utilized. These hydraulic and pneumatic methods of powering these lifts are preferred as releasing a manual valve provides a fail-safe choice of returning the platform to the ground.