3. Delivery And Storage

3.1 DELIVERY

The properties of paints delivered for site application should conform to the project specifications. Shelf life and colour of the paints should be verified against the documents furnished by the manufacturer. New paints should be delivered to site in sealed containers.

Random samples of the paints may be taken and sent to independent laboratories for testing. Refer to Appendix C.

3.2 STORAGE OF PAINTS

Paints have varying storage requirements and should be stored according to manufacturer's recommendations.

In general, paints should be stored in a cool, dry and well-ventilated location away from sources of heat, ignition and direct sunlight. Smoking must be inhibited and no unauthorized access to the storage place should be allowed.

Paint containers which have been opened should be properly covered and kept upright to prevent skinning and spillage. Containers should not be stored by hanging on hooks.

Paints with flash points between 21° and 32° Celsius should be stored in accordance with the Highly Flammable Liquids and Liquefied Petroleum Gas Regulation 1972.

Figure 3.1 Paint containers should be stored upright

3.3 STORAGE AND MAINTENANCE OF APPLICATION TOOLS

3.3.1 Brushes

Excess paint can be removed with a piece of thin blade before washing the brushes. Brushes should be suspended in water or thinners accordingly, up to, but not above, the stock.

Brushes used for emulsion paints should be washed immediately after use in clean running water. Varnish brushes should be suspended overnight in the appropriate thinner. Chemical-reaction-paint brushes should be cleaned immediately after use.

Brushes not required for some time should be cleaned using suitable thinners or brush cleaner, washed in hot soapy water, rinsed and laid aside to dry for future use.

New, unused brushes should preferably be stored in the original packages in which they are delivered. Loose hair should be removed from the brushes before use.

3.3.2 Rollers

Rollers and trays should be thoroughly cleaned after use. Superfluous paint may be removed by rolling the tools on newspaper and then washing them in warm soapy water or appropriate detergent. After cleaning, spin-dry the rollers to recover their original shape and hang them up for drying before storage.

3.3.3 Spray Guns

Spray guns and nozzles should be thoroughly washed and soaked in water after use.

Figure 3.2 Washing of spray gun nozzle