OVEN SAFETY
PRECAUTIONS & CARE

The concentration of solvent or diluent vapours must be maintained well below the explosive limit. To achieve this, the oven should be equipped with a ventilation system, either natural or forced ventilation.

Important:
- The exhaust should not be in completely closed position.
- Proper ventilation of air should be ensured at all times.

In the case of ovens with forced ventilation, heating should not be started before the beginning of the fresh air intake or the air circulation system.

Provision should be made to ensure that, when the fresh air intake ceases, all heating elements are switched off.

Throttle valves placed in air ducts in the ventilation system shall not close completely so that satisfactory ventilation is ensured at all times.

All closed drying ovens, that is ovens whose apertures or doors are closed during operation, shall be provided with an explosion panel of suitable dimensions and weight, and of a mechanical strength ensuring that, in the case of an explosion, the liberated internal pressure is directed to an area not dangerous to personnel.

For operation and installation of ovens for drying varnishes and similar substances, it is necessary to comply with the requirements of the relevant Standards.

Furthermore, equipment shall be provided with danger indicators, atleast one of which should be outside the immediate proximity of the dangerous zone.

Safety First!
Think Safe          Act Safe          Be Safe