

SYNOPSIS

IS : 2020

IS Title: Electric Traction Lifts — Safety Norms for Existing Lifts

SCOPE

1.1 This Indian Standard gives rules for improving the safety of existing lifts with the aim of reaching an equivalent level of safety to that of a newly installed lift by the application of today's state of the art for safety.

NOTE — Due to situations such as the building design etc. it may not be possible in all cases to reach today's state of the art for safety.

This standard applies for permanently installed Electric lifts with traction serving defined landing levels, having a car designed for the transportation of persons or persons and goods and moving between guide rails inclined not more than 15° to the vertical.

1.2 This standard includes the improvement of safety of existing passenger and goods passenger lifts for:

- a) Users;
- b) Maintenance and inspection personnel;
- c) Persons outside the well, machine room and the pulley room (but in their immediate vicinity);
- d) Any authorized persons.

1.3 This standard is not applicable to:

- a) lifts with drive systems others than those defined in IS 14665, IS 15785, IS 15259, IS 14671, IS 15330 and any other relevant Indian Standard introduced from time to time.
- b) lifting appliances such as paternosters, mine lifts, theatre lifts, appliances with automatic caging, skips, lifts and hoists for building and public works sites, ships' hoists, platforms for exploration or drilling at sea, construction and maintenance appliances;
- c) installations where the inclination of the guide rails to the vertical exceeds 15°;
- d) safety during transport, installation, repairs and dismantling of lifts;
- e) fire fighting operation.

However, this standard can usefully be taken as a reference basis.

DISCLAIMER :