

IS 15644 : 2006 – Safety of electrical Toys

Children are often unaware of the dangers of using toys which may present hazards to their health and well being. These hazards may be in the form of electrical shocks, mechanical impact, exposure to toxic substances, choking hazards etc. Therefore, safety of the toys is of paramount importance for preventing injury to children.

The Indian Standard 15644 deals with the safety aspects of Electrical Toys. It recognizes Toys as Electrical Toys which have, at least one function that is dependent on electricity. The supply of electricity to the toy can be through rechargeable or non-rechargeable batteries, or through a transformer connected to supply mains. The transformer toys are not intended for use by children below 3 years of age. Further, the standard also specifies that the working voltage between any two accessible parts of the toys shall not exceed 24V when the toy is supplied its rated voltage.