

Electrostatics —

Part 3-1: Methods for simulation of electrostatic effects — Human body model (HBM) — Component testing

The European Standard EN 61340-3-1:2002 has the status of a
British Standard

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National foreword

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The UK participation in its preparation was entrusted to Technical Committee GEL/101, Electrostatics, which has the responsibility to:

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CENELEC

European Committee for Electrotechnical Standardization
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Europäisches Komitee für Elektrotechnische Normung

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Foreword

The text of document 101/131/FDIS, future edition 1 of IEC 61340-3-1, prepared by IEC TC 101, Electrostatics, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61340-3-1 on 2002-05-01.

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- latest date by which the national standards conflicting
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Endorsement notice

The text of the International Standard IEC 61340-3-1:2002 was approved by CENELEC as a European Standard without any modification.

INTRODUCTION

Electrostatic discharges occur frequently in the environment. Electrical and electronic equivalent models are used to simulate electrostatic discharges in a controlled manner to allow study and prediction of hazards or damage. One of the most important and widely recognized electrostatic events is the transient current discharge pulse from a human body finger-tip through a grounded object. This type of discharge model is appropriately called the human body model (HBM). This standard provides a description of the modern version of the HBM.