

# TECHNICAL SPECIFICATION

**Electrostatics –  
Part 6-2: Electrostatic control in healthcare, commercial and public facilities –  
Public spaces and office areas**



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INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## ELECTROSTATICS –

**Part 6-2: Electrostatic control in healthcare, commercial  
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IEC TS 61340-6-2 has been prepared by IEC technical committee 101: Electrostatics. It is a Technical Specification.

The text of this Technical Specification is based on the following documents:

Draft	Report on voting
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Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this Technical Specification is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at [www.iec.ch/members\\_experts/refdocs](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/publications](http://www.iec.ch/publications).

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- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

## INTRODUCTION

This document provides guidance on how to control static electricity in office areas and public places. Static electricity can be the source of the following hazards and nuisances:

- electrostatic shocks to people;
- electromagnetic interference (EMI) or electrostatic discharge (ESD) disruption or damage to electronic equipment, audiovisual systems, computers and mobile devices such as telephones, tablet computers, laptop computers;
- contamination caused by electrostatic attraction (ESA) or electrostatic repulsion (ESR) of airborne pathogens;
- ignition of flammable gases, vapours, liquids, aerosols, combustible flyings, powders and dusts.

Adequate electrostatic control can eliminate these hazards and nuisances, or at least reduce involved risk to tolerable levels. Electrostatic controls can be established in many different ways.