ANNUAL REPORT 2019

NSAI TECHNICAL COMMITTEES (TC21 "ELECTROSTATICS")

NSAI

Contents

1 Chairman's Statement

ETC TC21 continues to monitor developments in the Electrostatics standards field.

2 Introduction

NSAI ETC TC21 was established to coordinate the national input to the work of IEC TC101 with reference to:

- Standardisation in the field of electrostatics to provide general guidance on test methods to evaluate the generation, retention and dissipation of electrostatic charges.

- Ascertaining the effect of electrostatic discharges.

- Methods of simulation of electrostatic phenomena for testing purposes.

- Requirements for design and implementation of handling areas or procedures, equipment, and materials used to reduce or eliminate electrostatic hazards or undesirable effects.

3 Scope of TC

The work of ETC TC21 serves the needs of all sectors of Irish industry with the requirement to control electrostatic phenomena. This includes enterprises working the electronics sector, occupational and process safety and electrostatic nuisance management.
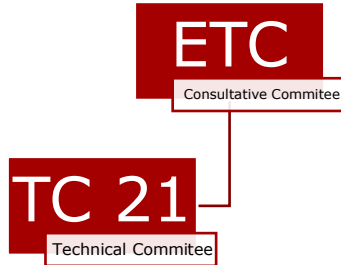
The committee mirrors the following international committee:

Committee Name	Committee Title
IEC TC101	Electrostatics
CLC/SR 101	Electrostatics

4 Structure and Membership

4.1 Structure

The Figure below illustrates the structure of the Committee:

4.2 Members

The table below provides the names of the members for the year:

Organisation	Name	Role
Independent Consultant	Gannon, Mel	National Chairperson
Compliance Engineering Ireland (CEI)	Brien, Lewis	Member
Kostal	Byrne, Coleman	Member
	Dunne, Shane	Member
Dell	Evans, Joseph	Member
NSAI	Campbell, Noleen	Secretary
CEI	McAuley, John	Member
	Monaghan, Evin	Member

5 Summary of 2019 Activities

5.1 National

5.1.1 Meetings

Committee members attended the following national meetings in NSAI as follows:

Meeting No.	Date	Minutes Reference
1	No Meetings in 2019	

5.1.2 National Work

NSAI ETC TC21 was relaunched in 2018 allowing Irish experts' participation in the development of the IEC 61340 series of standards by IEC TC101.

The IEC 61340 series is comprised of five parts including

Part 1 – General,

Part 2 - Measurement methods in electrostatics,

Part 3 - Methods for simulating electrostatic effects,

Part 4 - Standard test methods for specific applications and

Part 5 - Protection of electronic devices from electrostatic phenomena.

2018 saw the publication of IEC 61340-6-1 Edition 1. "Electrostatics - Part 6-1: Electrostatic control for healthcare - General requirements for facilities".

5.2 International/Regional

5.2.1 Meetings

Committee members attend international IEC meetings in 2019

Committee Name	Location	Date	No. of Attendees
IEC TC 101	New York	24th-28th June	1

5.2.2 International/Regional Work

ETC TC21 monitors the work of IEC TC101

5.2.3 International/Regional Standards Reviewed

No documents were reviewed in 2019.

5.2.4 International/Regional Voting Results

None

5.3 Regulatory Development/Update

None.

6 Irish Publications/Reviews

6.1 Publications

The Committee did not publish any deliverables this year.

6.2 Reviews

The Committee carried out no reviews of Irish national deliverables.

7 Work programme for 2020 onwards

The work programme for ETCI TC21 will continue to be focused on the revision of standards in the IEC 61340 series.

8 Additional Information

Please see members of NSAI ETC TC21 in the photograph below.