



NSAI

ANNUAL REPORT 2020

**NSAI TECHNICAL COMMITTEES
(TC 21 "ELECTROSTATICS")**

Contents

1	Statement.....	3
2	Introduction	3
3	Scope of TC.....	3
4	Structure and Membership	3
4.1	Structure	3
4.2	Members	4
5	Summary of 2020 Activities	4
5.1	National	4
5.1.1	Meetings	4
5.1.2	National Work	4
5.2	International/Regional	5
5.2.1	Meetings	5
5.2.2	International/Regional Work	5
5.2.3	International/Regional Standards Reviewed	5
5.2.4	International/Regional Voting Results	5
5.3	Regulatory Development/Update	5
6	Irish Publications/Reviews.....	5
6.1	Publications	5
6.2	Reviews	5
7	Work programme for 2021 onwards	5
8	Additional Information	5

1 Statement

NSAI/ETC/TC 21 have not met in 2020 but continues to monitor developments in the Electrostatics standards field.

2 Introduction

NSAI/ETC/TC 21 was established to coordinate the national input to the work of IEC TC 101 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 NSAI/ETC/TC 21 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.

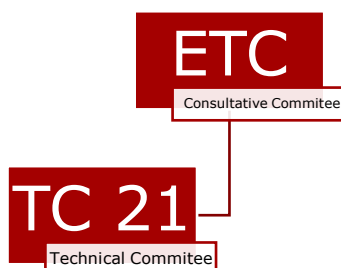
The committee mirrors the following international committee:

Committee Name	Committee Title
IEC TC 101	Electrostatics
CLC/SR ¹ 101	Electrostatics

4 Structure and Membership

4.1 Structure

The Figure below illustrates the structure of the Committee:



¹ <https://boss.cenelec.eu/TechnicalStructures/Pages/SR>

4.2 Members

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

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

5 Summary of 2020 Activities

5.1 National

5.1.1 Meetings

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

Meeting No.	Date	Minutes Reference
No Meetings held in 2020		

5.1.2 National Work

NSAI/ETC/TC 21 was relaunched in 2018 allowing Irish experts’ participation in the development of the IEC 61340 series of standards by IEC TC 101.

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 no international IEC meetings in 2020

Committee Name	Location	Date	No. of Attendees
No Meetings attended in 2020			

5.2.2 International/Regional Work

NSAI/ETC/TC 21 monitors the work of IEC TC 101

5.2.3 International/Regional Standards Reviewed

No documents were reviewed in 2020.

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 2021 onwards

The work programme for NSAI/ETC/TC 21 will continue to be focused on the revision of standards in the IEC 61340 series.

8 Additional Information

None.