



# ANNUAL REPORT 2023

NSAI TECHNICAL COMMITTEES  
(NSAI/ETC/TC 4 – SWITCHGEAR,  
CONTROL GEAR AND  
ASSOCIATED EQUIPMENT)

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## 1 Opening Statement

Following on from a low attendance and membership in 2022 and the stepping down of the Chair, 2023 did start off very slow.

The first meeting of 2023 was really structured towards appointing a new Chairperson. After this appointment was successful there was a big emphasis to recruit new members to the group from different areas in the industry.

Several new members joined in the middle of 2023, so as to slowly strengthen the team. The committee agreed that four meetings will take place per year, until such time as a solid committee is established.

The meeting in Q3 was possibly the best attended meeting for NSAI ETC TC 04 in a long time and this gave new energy to the group. The group highlighted the areas to focus on within the portfolio, and a short overview of the standards was presented during the meetings.

Two members of the NSAI ETC TC 04 attended the virtual teams meeting for IEC TC 121 SC121B committee and presented an overview report back to the NSAI ETC TC 04 committee.

Committee members showed great contribution, experience, and interest to NSAI ETC TC 04 future goals.

Many Thanks to all involved and I look forward to 2024.

Paul Hyland

Chair of NSAI ETC TC 04.

## 2 Introduction

NSAI/ETC/TC 4 is the national mirror committee responsible for coordinating Ireland's engagement in the development of international standards for low-voltage switchgear including their assemblies.

## 3 Scope of TC

To support the development of national and international Standards for low-voltage switchgear and controlgear equipment for industrial, commercial, and similar use rated below or equal to 1 kV a.c. and 1,5 kV d.c. electromechanical as well as semiconductor (solid state) equipment. The scope includes open and enclosed separate items of equipment as well as assemblies which are the combinations of items of equipment into complete functional units.

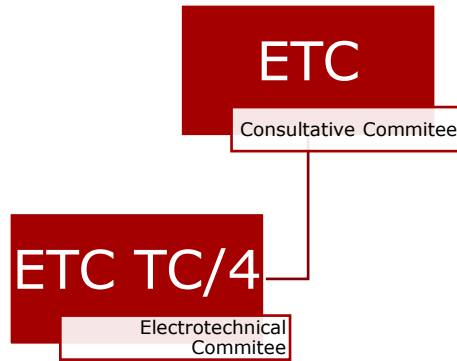
The committee mirrors the following international committees:

Committee Name	Committee Title
<b>IEC/TC 121</b>	Switchgear and controlgear and their assemblies for low voltage
<b>IEC/SC 121A</b>	Low-voltage switchgear and controlgear
<b>IEC/SC 121B</b>	Low-voltage switchgear and controlgear assemblies
<b>CLC/TC 121A</b>	Low-voltage switchgear and controlgear
<b>CLC/SR 121B</b>	Low-voltage switchgear and controlgear assemblies
<b>CLC/SR 121</b>	Switchgear and controlgear and their assemblies for low voltage

## 4 Structure and Membership

### 4.1 Structure

The Figure below illustrates the structure of the Committee:



### 4.2 Members

2023 saw several new members join the committee. The list below are the members for the year:

Organisation	Role
<b>ABB</b>	National chairperson
<b>AECI</b>	National committee member
<b>BCEI</b>	National committee member
<b>Capital Switch Gear</b>	National committee member
<b>Collen</b>	National committee member
<b>EMDA / EIFI</b>	National committee member
<b>ESB</b>	National committee member
<b>ESTA</b>	National committee member
<b>Finning</b>	National committee member
<b>Hager</b>	National committee member
<b>Hanley Energy</b>	National committee member
<b>J. B. Barry and Partners Limited</b>	National committee member
<b>NSAI</b>	National secretary
<b>RFE</b>	National committee member
<b>Schneider Electric</b>	National committee member
<b>Siemens</b>	National committee member
<b>SK biotek Ireland</b>	National committee member

## 5 Summary of 2023 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	2023-03-10	<a href="#">N0676</a>
2	2023-05-26	<a href="#">N0684</a>
3	2023-09-29	<a href="#">N0690</a>
4	2023-12-08	<a href="#">N0698</a>

#### 5.1.2 National Work

No national work was carried out by the committee in 2023.

### 5.2 International/Regional

#### 5.2.1 Meetings

Committee members attend the following international meetings in 2023:

Committee Name	Location	Date	No. of Attendees
IEC/PT 63482	Virtually	2023/04/12	1
IEC/PT 63482	Virtually	2023/04/13	1
IEC/PT 63482	Copenhagen/virtually	2023/09/27	1
IEC/PT 63482	Copenhagen/virtually	2023/09/28	1

#### 5.2.2 International/Regional Voting

NSAI/ETC/TC 04 vote on all documents at IEC and CENELEC documents using a default voting strategy. The committee have actively voted on 5 documents in 2023 and have submitted 3 sets of comments.

IEC/SC 121: Ireland has actively voted 1 time in 2023.

IEC/SC 121A: Ireland has actively voted 1 time in 2023.

IEC/SC 121B: Ireland has actively voted 2 times in 2023.

CLC/SR 121B: Ireland has actively voted 1 time in 2023.

Body	Vote Reference	Comments Submitted	Decision	WIID
IEC	121/127/CD	Yes	Approve	
IEC	121A/542/CD	Yes	Approve	
IEC	121B/175/NP	Yes	Approve	
IEC	121B/177/FDIS	No	Approve	
CLC	FprEN IEC 62208:2023	No	Approve	73012

## 5.3 Regulatory Development/Update

NSAI/ETC/TC 4 should remain aware of the following Regulations and Directives;

- Directive 2014/30/EU - Electromagnetic Compatibility (EMC)
- Directive 2014/35/EU - The Low Voltage Directive (LVD)
- Directive 2009/125/EC - Establishing a framework for the setting of ecodesign requirements for energy-related products
- I.S. 10101:2020- The National Rules for Electrical Installations

## 6 Irish Publications/Reviews

### 6.1 Publications

The committee did not publish any deliverables this year.

### 6.2 Reviews

No National reviews conducted this year.

## 7 Work programme for 2024 onwards

- Committee to meet every quarter in 2024, first meeting in March.
- Build upon improved engagement with CENELEC and IEC mirrored committees in 2024, with possible face to face interactions.
- Expand membership to ensure the committee gets the benefit of diverse industry expertise at all meetings.
- Prosumer distribution board of the future.
- I.S. 10101 update interaction, where NSAI ETC TC 04 cross over.

## 8 Additional Information

No additional information.