



**NSAI**

# ANNUAL REPORT 2022

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

## Contents

1	Opening Statement .....	3
2	Introduction .....	3
3	Scope of TC.....	3
4	Structure and Membership .....	4
4.1	Structure .....	4
4.2	Members .....	4
5	Summary of 2022 Activities .....	5
5.1	National .....	5
5.1.1	Meetings .....	5
5.1.2	National Work .....	5
5.2	International/Regional .....	5
5.2.1	Meetings .....	5
5.2.2	International/Regional Voting .....	6
5.3	Regulatory Development/Update .....	6
6	Irish Publications/Reviews.....	6
6.1	Publications .....	6
6.2	Reviews .....	6
7	Work programme for 2023 onwards .....	7
8	Additional Information .....	7

## 1 Opening Statement

The committee met in the first half of the year with virtual meetings in January, March, and May. Attendance at these meeting was less than 50%. No full meeting took place in the second half of the year. The attendance at the meetings scheduled for July, September and November was less than 20%. It was decided a meeting with 20% of the members was not viable.

The Chair of NSAI/ETC/TC 04, Marios Zarifakis, stepped down as chair and NSAI thanked Marios for the contributions which he has made to the committee during his time as Chair.

NSAI plan to appoint a new Chair in early 2023 and hope that meetings of this committee can resume quarterly.

## 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.

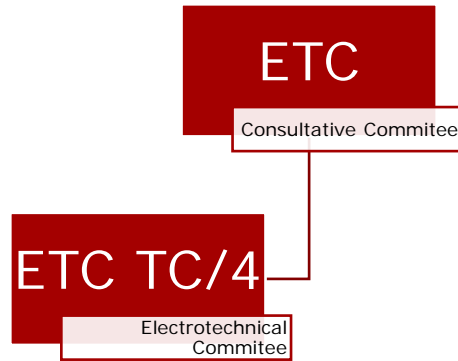
The committee mirrors the following international committees:

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

## 4 Structure and Membership

### 4.1 Structure

The Figure below illustrates the structure of the Committee:



### 4.2 Members

The list below are the members for the year:

Organisation	Role
<b>ABB</b>	National committee member
<b>AECI</b>	National committee member
<b>Capital Switch Gear</b>	National committee member
<b>CEI</b>	National committee member
<b>Collen</b>	National committee member
<b>EMDA / EIFI</b>	National committee member
<b>ESB</b>	National committee member
<b>ESB</b>	National chairperson
<b>ESTA</b>	National committee member
<b>Hager</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
<b>ABB</b>	National committee member

## 5 Summary of 2022 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	26 <sup>th</sup> January 2022	<a href="#">N0640</a>
2	30 <sup>th</sup> March 2022	<a href="#">N0645</a>
3	4 <sup>th</sup> May 2022	<a href="#">N0653</a>
4	20 <sup>th</sup> July 2022	<a href="#">N0660</a> (Partial agenda discussed)
5	28 <sup>th</sup> September 2022	<a href="#">N0664</a> (Cancelled)
6	16 <sup>th</sup> November 2022	Cancelled

#### 5.1.2 National Work

No national work was carried out by the committee in 2022.

### 5.2 International/Regional

#### 5.2.1 Meetings

Committee members attend the following international meetings in 2022:

Committee Name	Location	Date	No. of Attendees
CLC/TC 121A			
CLC/SR 121B			
CLC/SR 121			
IEC/TC 121			
IEC/PT 121-1	Virtual	2022/12/07 2022/09/14 2022/09/15	PH PH PH
IEC/SC 121A			
IEC/SC 121B			
IEC / TC 121 / WG 1			
IEC / TC 121 / WG 2			
IEC / TC 121 / SC 121B / MT 4			
IEC / TC 121 / SC 121A / MT 5			
IEC / TC 121 / SC 121A / MT 6			
IEC / TC 121 / SC 121A / MT 8			
IEC / TC 121 / SC 121A / MT 9			
IEC / TC 121 / SC 121A / AG4			
IEC / TC 121 / SC 121B / MT 2	Virtual	2022/07/06 2022/07/07	PH PH
IEC / TC 121 / SC 121B / MT 6			
IEC / TC 121 / SC 121B / MT 7			
IEC / TC 121 / SC 121B / MT 8			

## 5.2.2 International/Regional Voting

The committee have actively voted on 12 documents in 2022 and have submitted 10 sets of comments.

IEC/SC 121: Ireland has actively voted 3 times in 2022.

IEC/SC 121A: Ireland has actively voted 6 times in 2022.

IEC/SC 121B: Ireland has actively voted 2 times in 2022.

CLC/SR 121B: Ireland has actively voted 1 time in 2022.

Body	Vote Reference	Comments Submitted	Decision	WIID
IEC	121/95/Q	Yes	Approve	
IEC	121/99/Q	Yes	Approve	
IEC	121/111/Q	Yes	Approve	
IEC	121A/465/Q	Yes	Approve	
IEC	121A/472/Q	Yes	Approve	
IEC	121A/486/Q	Yes	Approve	
IEC	121A/488/Q	Yes	Approve	
IEC	121A/492/Q	Yes	Approve	
IEC	121A/520/Q	Yes	Approve	
IEC	121B/146/Q	Yes	Approve	
IEC	121B/159/CDV	No	Approve	
CLC	prEN IEC 61439-3:2022	No	Approve	74260

## 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 2023 onwards

- Committee to meet every quarter in 2023.
- Build upon improved engagement with CENELEC and IEC mirrored committees in 2023
- Expand membership to ensure the committee gets the benefit of diverse industry expertise at all meetings.
- Core Function mapping of Key stakeholders
- Prosumer distribution board of the future

## 8 Additional Information

No additional information.