



NSAI

ANNUAL REPORT 2021

NSAI TECHNICAL COMMITTEES
NSAI ETC TC14 –
ELECTRIC CABLES

Contents

1	Introduction	3
2	Scope of TC.....	3
3	Structure and Membership	3
3.1	Structure	3
3.2	Members	4
4	Summary of 2021 Activities	4
4.1	National	4
4.1.1	Meetings	4
4.1.2	National Work	4
4.2	International/Regional	4
4.2.1	Meetings	4
4.2.2	International/Regional Voting	4
4.2.3	Membership.....	4
4.3	Regulatory Development/Update.....	4
5	Irish Publications/Reviews.....	5
5.1	Publications	5
5.2	Reviews	5
6	Work programme for 2022 onwards	5

1 Introduction

NSAI ETC TC14 is the national mirror committee responsible for coordinating the development of standards in the area of low, medium and high voltage electric cables.

2 Scope of TC

To support the development of National and International Standards in the field of insulated conductors, cables and flexible cords and their accessories, for both low and high voltage. Furthermore, standards related to the data cable sector i.e. multicore, multipair and quad data communications cables are also within the scope of NSAI ETC TC14.

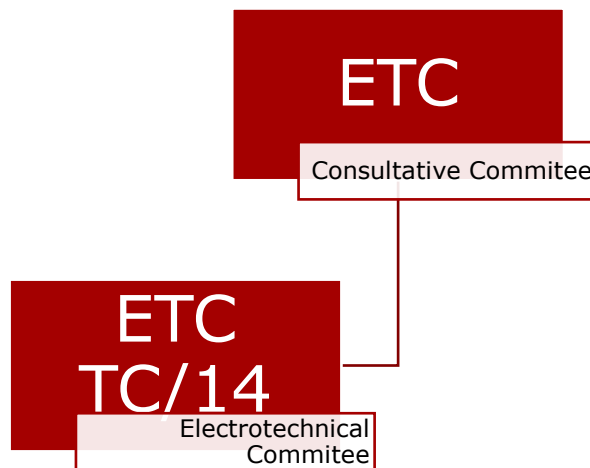
The committee mirrors the following international committees:

Committee Name	Committee Title
CLC/TC 20	Electric Cables
IEC/TC 20	Electric Cables
CLC/TC 46X	Communication Cables

3 Structure and Membership

3.1 Structure

The Figure below illustrates the structure of the Committee:



3.2 Members

The list below are the members for 2021:

Organisation	Role
NSAI	National Secretary
ELAND CABLES	Committee Member
BASEC	Committee Member
LEDBURN CABLES	Committee Member
PRECISION CABLES	Committee Member
CLEVELAND CABLES	Committee Member
VARMING	ETC TC2 Liaison

4 Summary of 2021 Activities

4.1 National

4.1.1 Meetings

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

Meeting No.	Date	Minutes Reference
1	15 March 2021	N0524

4.1.2 National Work

The priority for 2021 was to review a number of indigenous cables standards with a view to proposing recommendations to the NSAI Board on the development or withdrawal of these documents.

4.2 International/Regional

4.2.1 Meetings

No members participated in International meetings in 2021.

4.2.2 International/Regional Voting

CLC/TC 20: Ireland voted on a total no. of 9 documents open in 2021 with a 100% overall voting record.

IEC/TC 20: Ireland voted on a total no. of 7 documents open in 21 with a 100% overall voting record.

4.2.3 Membership

The committee moved from P-membership to O-Membership of IEC TC20

4.3 Regulatory Development/Update

ETC TC14 remain cognisant of developments related to the following Regulations and Directives;

- Low Voltage Directive (2014/35/EU) for cables from 50 V a.c. up to and including 1000 V a.c
- Construction Products Regulation (EU/305/2011) for all types of cables for general applications in construction works subject to reaction to fire requirements.
- Mandate M/443 – Mandate to CEN and CENELEC concerning the execution of standardisation work for harmonized standards on power, control and communication cables related to the following end uses: 24/33: supply of electricity,26/33: communications,28/33: fire detection and alarm
- I.S. 10101: 2020 – The National Rules for Electrical Installations

5 Irish Publications/Reviews

5.1 Publications

The Committee did not publish any national deliverables this year.

5.2 Reviews

NSAI ETC TC 14 completed 3 no. of reviews on Irish Standards. The committee recommended withdrawal of the following documents;

- I.S. 270:1988 - Conductors of Insulated Cables
- I.S. 201-5:2001 - Polyvinyl Chloride Insulated Cables of Rated Voltages up to and including 450/750V. Part 5: Flexible cables (cords)
- I.S. 202-10:2003 - Cables of rated voltages up to and including 450/750V and having cross-linked insulation Part 10: EPR insulated and polyurethane sheathed flexible cables

6 Work programme for 2022 onwards

- To meet a minimum of 2 times per annum
- Improve engagement with CENELEC mirrored committee
- Expand membership to ensure the committee gets the benefit of diverse industry expertise at all meetings.
- Review indigenous Irish Standards for cables with a view to withdrawal where it is confirmed another European Standard is in place.
- Nominate and approve a new Chairperson