



NSAI

ANNUAL REPORT 2020

**NSAI TECHNICAL COMMITTEES
(NSAI ETC TC14 –
ELECTRIC CABLES)**

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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.

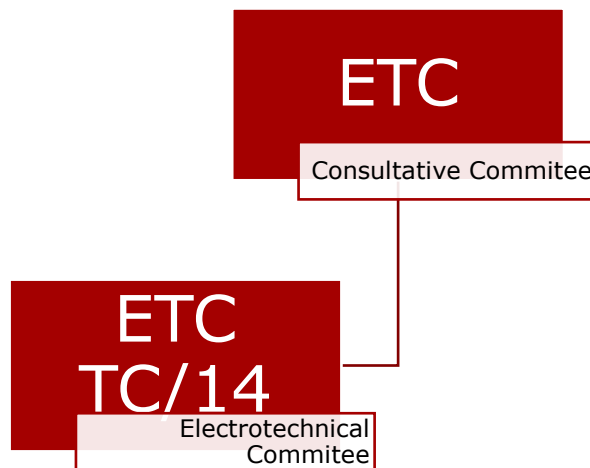
The committee mirrors the following international committees:

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 2020:

Organisation	Role
NSAI	National Secretary
Conductix	Chairperson
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 2020 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	9 June 2020	N0520
2	6 October 2020	N0524

4.1.2 National Work

The priority for 2020 was to review a number of indigenous cables standards for consideration to withdraw. NSAI ETC TC14 also supported NSAI ETC TC2 when responding to enquiries on the minimum fire performance for cables as defined in I.S. 10101.

4.2 International/Regional

4.2.1 Meetings

No members participated in International meetings in 2020.

4.2.2 International/Regional Voting

CLC/TC 20: Ireland voted on a total no. of 3 documents open in 2020 with a 100% overall voting record.

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

4.3 Regulatory Development/Update

ETC TC14 remain aware of 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.

- Other legislation, including the Directive on the restriction of the use of certain hazardous substances (RoHS - (2011/65/ EU))
- 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

The Committee made an initial review on several indigenous Irish Standards for cables. Several recommendations were made to compare these Irish Standards with current I.S. ENs. Withdrawals will commence in 2021.

6 Work programme for 2021 onwards

- To meet a minimum of 2 times per annum
- Improve engagement with CENELEC and IEC mirrored committees
- 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 deemed another European Standard is in place.