



NSAI

ANNUAL REPORT 2019

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

Contents

1	Chairman's 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 2019 Activities	4
5.1	National	4
5.1.1	Meetings	4
5.1.2	National Work.....	4
5.2	International/Regional	4
5.2.1	Meetings	4
5.2.2	International/Regional Voting	4
5.3	Regulatory Development/Update.....	5
6	Irish Publications/Reviews.....	5
6.1	Publications	5
6.2	Reviews	5
7	Work programme for 2020 onwards	5
8	Additional Information	6

1 Chairman's Statement

2019 was dominated by our continual engagement with NSAI ETC TC2 in the development of the "New Wiring Rules" on matters related to electric cables. I look forward to continuing work with the committee in 2020 as we build upon our efforts this year to re-engage with our international mirrored committees.

2 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.

3 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 ETC TC14.

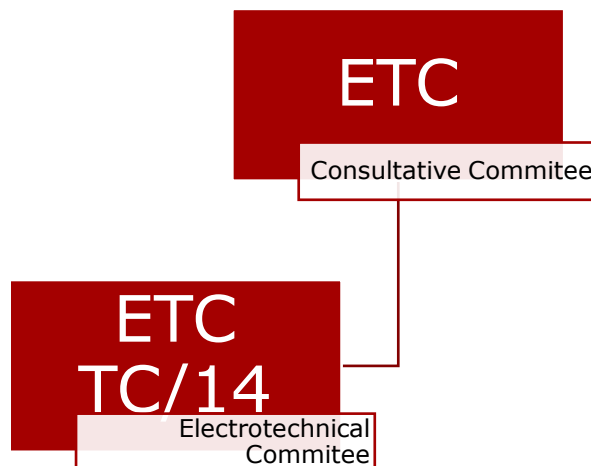
The committee mirrors the following international committees:

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

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	Name	Role
CONDUCTIX	Dominic Robinson	Chairperson
ELAND CABLES	Ivan Cleere	Committee Member
BASEC	Martin Jarvis	Committee Member
LEDBURN CABLES	Jack Ledwidge	Committee Member
PRECISION CABLES	Fergus O'Callaghan	Committee Member
VARMING	Gary Rafter	ETC TC2 Liaison

5 Summary of 2019 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	12 February 2019	N0513
2	11 June 2019	N0517

5.1.2 National Work

Recommendations were given to ETC TC2 in relation to electric cable classifications under the Construction Products Regulation for the purpose of guidance in development of the "New Wiring Rules".

5.2 International/Regional

5.2.1 Meetings

Committee members attended the CLCL TC20 plenary held in Berlin in June 2019. Mirrored committee meetings that took place are listed below:

Committee Name	Location	Date	No. of Attendees
CLC/TC 20	Berlin, Germany	13+14 June '19	2
CLC/TC 46X	Brussels, Belgium	16+17 March '18	0

5.2.2 International/Regional Voting

CLC/TC 20: Ireland voted on a total no. of 9 documents open in 2019 with a 100% overall voting record.

IEC/TC 20 Ireland voted on a total no. of 14 documents open in 2019 with a 100% overall voting record.

5.3 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

6 Irish Publications/Reviews

6.1 Publications

The Committee did not publish any deliverables this year.

6.2 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. This task will be carried out in 2020.

7 Work programme for 2020 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.

8 Additional Information



Photo of the NSAI ETC TC14 Committee meeting that took place on the 9th of October 2018 in the NSAI, Santry.