



NSAI

ANNUAL REPORT 2025

NSAI TECHNICAL COMMITTEES
(NSAI/ETC/TC 06 "EQUIPMENT
FOR POTENTIALLY EXPLOSIVE
ATMOSPHERES ")

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1 Chair Statement

Chair of NSAI/ETC/TC 06:

The NSAI/ETC/TC 06 committee held three full meetings virtually during 2025. A further three remote meetings were held by the NSAI/ETC/TC 06/SC 01 sub-committee for non-electrical equipment in potentially explosive atmospheres together with the various working groups for the "ATEX Delivery Guide" – (Health and Safety Authority.). The members of NSAI/ETC/TC 06/SC 01 sub-committee and the working groups of the "ATEX Delivery Guide" have contributed a great deal of time and effort and are to be congratulated for their achievements to date.

The primary focus of the committee is on IEC/TC 31/SC 31J/MT60079-14, IEC/TC 31/SC 31J/MT60079-17, IEC/TC 31/SC 31J/ MT60079-19, IEC/TC 31/PT 60079-44 and CLC TC31/WG 23 with secondary focus on other (Maintenance Teams) MTs and (Project Teams) PTs, as listed below.

Work is ongoing covering the following areas:

- WG 1 Functional Safety Group
- WG 2 Static Group
- WG 3 Earthing Group
- WG 4 Instrumentation Group are reviewing documents out for comment by IEC.
- WG 6 Inspection & Testing Group are starting to review the published Part 14 & Part 17, building comments for the next revision but also gathering information from onsite experience of using the updated standards.
- WG 9 Risk Assessment Group have drafted an initial document with a view to producing a 1- or 2-page document.
- WG 10 Assemblies Group are reviewing Part 46 which is currently at CDV stage.

The committee are very active in IEC and CENELEC and have refocused the work programme of the committee to align with the IEC work programme and they have identified their Primary and Secondary Focus. Members of the committee attended the IEC TC 31 plenary meeting in Norwood, MA, USA in October 2025.

NSAI/ETC/TC 06 meetings were attended by a number of International Experts during 2025 who gave very informative presentations which will be of great benefit to the various Work Groups going forward including:

Sean Clarke General Manager of ExVeritas gave a verbal presentation on assemblies pertaining to IEC 60079-46 and also the Globally Recognized IECEx Scheme pertaining to IEC EN 60079-19 Equipment repair, overhaul and reclamation standard.

Stephen Horsley of Dinnteco group (and NSAI/ETC/TC 06 member) gave an impressive presentation on Lightning Protection Technology for Explosive Atmospheres - Electric Field Stabilization (EFS).

The membership of NSAI/ETC/TC 06 increased in 2025 and the number of members participating in the work of the committee continues to increase.

The members of the NSAI/ETC/TC 06 committee extend our gratitude to our secretary Amanda-Jane Gainford for her expert guidance and professionalism which enabled our achievements during 2025. We look forward with her help, to accomplish even more in 2026.

Michael O'Brien. (Chair of NSAI ETC TC 06.)

Chair of NSAI/ETC/TC 06/SC01:

Throughout 2025, NSAI/ETC/TC 06/SC01 has continued to meet regularly, with three virtual meetings held over the course of the year. I am pleased to report that participation and engagement within the subcommittee have increased, with several new members contributing actively to discussions and document reviews. This renewed involvement reflects the growing recognition of the importance of our work and strengthens Ireland’s voice within the wider European and international standardisation landscape.

This year has been a comparatively quiet period for CEN/TC 305, with fewer active work items than in previous cycles. While this slowdown has reduced the immediate review workload for SC01, it also highlights a longer-term trend: a significant portion of explosion safety and related technologies work is steadily migrating from CEN toward IEC and ISO committees. This shift underlines the importance of ensuring that Ireland has experts positioned not just within European structures, but also at the international level where foundational standards are increasingly being shaped.

Industrial trends continue to point towards rapid developments in areas such as hydrogen infrastructure, ammonia and e-fuels, energy storage technologies, and automation in hazardous environments. Although TC305’s active programme is currently modest, upcoming work is expected in areas including the reassessment of explosion protection principles for alternative fuels, harmonisation activities arising from IECEx/ATEX convergence efforts, and potential updates related to digitalisation of safety systems. These emerging topics will require new expertise and fresh insights.

For this reason, I would strongly encourage interested industry specialists—particularly those with backgrounds in hydrogen technologies, process safety modelling, advanced detection systems, or non-traditional flammable media—to consider joining our efforts. Their participation will help ensure that Irish industry remains aligned with the evolving technical landscape and that our national position is represented effectively in future standardisation activities.

As always, sincere thanks are due to Amanda-Jane Gainford, whose guidance and coordination keep our work organised and efficient. I would also like to acknowledge the continued dedication of all SC01 members; your time, insight, and expertise are greatly appreciated.

Damien Hennessy

Chair, NSAI/ETC/TC 06/SC01

2 Introduction

The standardization work of NSAI/ETC/TC 06 supports the ATEX Directive 2014/34/EU concerning equipment and protective systems intended for use in potentially explosive atmospheres and ATEX Directive 1999/92/EC on minimum requirements for improving the safety and health protection of workers potentially at risk from explosive atmospheres.

Improved safety in environments where explosive atmospheres may occur is of primary concern but there is also need for uniform operational practices in these areas to promote free trade and economic development.

The apparatus covered by this Technical Committee is used primarily by the oil, gas, chemical, pharmaceutical, food, plastics, grain, mining and coal industries during production, storage, processing, transportation, distribution and use of the products associated with these industries.

3 Scope of TC

NSAI/ETC/TC 06 is responsible for coordinating the development of standards for equipment for use where there is a hazard due to the possible presence of explosive atmospheres of gases, vapors, mists, or combustible dusts. NSAI/ETC/TC 06 members are active participants in the international standards work of IEC/TC31 "Equipment for explosive atmospheres", which was established over 60 years ago, and CENELEC/TC 31. IEC and CENELEC standards cover the life cycle of equipment for use in potentially explosive atmospheres through design, manufacture, installation, maintenance, and repair. The area of potentially explosive atmospheres is subject to two EU Directives.

- Directive 2014/34/EU which covers equipment and protective systems intended for use in potentially explosive atmospheres and
- Directive 1999/92/EC which covers minimum requirements for improving the safety and health protection of workers potentially at risk from explosive atmospheres.

The committee mirrors the following international committees:

Committee Name	Committee Title
IEC/TC 31	"Equipment for explosive atmospheres",
CLC/TC 31	"Electrical apparatus for potentially explosive atmospheres"

In Q1 2021 a sub-committee of NSAI/ETC/TC 06 was formed to look at Potentially explosive atmospheres in the nonelectrical area.

NSAI/ETC/TC 06/SC 01 supports the development of national and international standards in the areas of potentially explosive atmospheres & mirrors the work of CEN/TC 305.

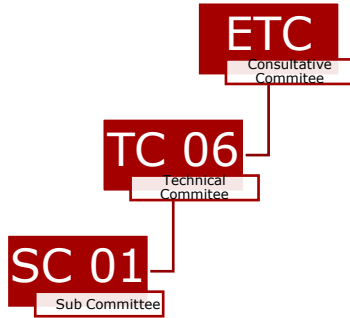
NSAI/ETC/TC 06/SC 01 mirrors the following international committees:

Committee Name	Committee Title
CEN/TC 305	Potentially explosive atmospheres - Explosion prevention and protection"

4 Structure and Membership

4.1 Structure

The Figure below illustrates the structure of the Committee:



4.2 Members

4.2.1 Members NSAI/ETC/TC 06

The members of the committee for 2025 are listed in the table below:

Organisation	Role
Abbvie Pharmaceuticals	National committee member
AECI	National committee member
Analog	National committee member
ATEX & Verification Services Ltd.	National committee member
Aviva Insurance DAC	National committee member
Baker Hughes	National committee member
BMS	National committee member
Consultant	National committee member
Dinnteco group	National committee member
Donal Keane Ltd	National committee member
ESB	National committee member
Ennis Bros.	National committee member
FM Approvals	National committee member
GE Vernona	National committee member
HSA	National committee member
Intel	National committee member
Jacobs Engineering Group	National committee member
Johnson & Johnson	National committee member
Jones Engineering	National chairperson
Jones Engineering	National committee member
NSAI	National secretary
Pfizer	National committee member

Project Management Group	National committee member
Tritech	National committee member
Uisce Eireann	National committee member
SK biotek Ireland	National committee member
Sulzer	National committee member
Veolia Energy Services.	National committee member
Veritex	National observer
Ward and Burke Water Ltd	National committee member

4.2.2 Members NSAI/ETC/TC 06/SC 01

The members of the Sub-committee for 2025 are listed in the table below:

Organisation	Role
BS & B Innovation	National chairperson
BS & B Safety Systems Ltd	National committee member
Consultant	National committee member
ESB	National committee member
ESBI	National committee member
Explosion Hazards	National committee member
Jacobs Engineering Group Ltd	National committee member
Jacobs	National committee member
Jones Engineering	National committee member
NSAI	National secretary
Occupli	National committee member
Sulzer	National committee member
Veolia Energy Services.	National committee member
Ward and Burke Water Ltd	National committee member

5 Summary of 2025 Activities

5.1 National

NSAI ETC TC 06 Committee

The Committee met three times in 2025 using MS Teams meetings. The number of members participating in the work of the committee increased this year with new members joining from Jacobs, ATEX & Verification Services Limited, Mallinckrodt Pharmaceuticals and Uisce Eireann.

The working groups which were formed in 2022 and launched the webpage on the HSA website continued working towards populating this website further. [ATEX Delivery Guide - Health and Safety Authority \(hsa.ie\)](https://www.hsa.ie). These working groups met on their own time to develop this work.

The committee agreed to continue this work and several groups were formed.

- WG 1: Functional Safety Group
- WG 2: Static Group
- WG 3: Earthing Group
- WG 4: Instrumentation Group - Work Complete
- WG 5: EPD Group – Work Complete
- WG 6: Inspection & Testing Group
- WG 7: S.I. 630:2019 & S.I. 631:2019 Group – Work Complete
- WG 8: Dust – Work Complete
- WG 9: Risk
- WG 10 Assemblies

WG 5, the EPD group have completed their work in 2022 however their work has still to be published on the HSA website. It is hoped that it will be published in 2026.

WG 7, the S.I. 630 & I.S. 631 group have finished their review in 2022. No updates required.

WG 8, the Dust group have completed their review in 2022 and the felt that dust is covered well in the EPD document, so no additional documentation is required.

Several of the committee members attended WG, PT and MT meetings throughout the year.

The primary focus of the committee is on IEC/TC 31/SC 31J/MT60079-14, MT60079-17 and MT60079-19 with secondary focus on other MTs and PTs.

NSAI ETC TC 06 SC 01 Committee

The NSAI ETC TC 06 SC 01 Committee met 3 times in 2025. They continue to follow the work of CEN TC 305 and contribute actively to any documents open for vote and/or comment. Committee members attended several working group meetings throughout the year, and the Chair attended virtually the CEN TC 305 Plenary meeting in September 2025.

5.2 Meetings

5.2.1

NSAI ETC TC 06 Committee

NSAI ETC TC 06 Committee members attended the following NSAI national meetings:

Meeting No.	Date	Minutes Reference
1	04/04/2025	N1103
2	22/08/2025	N1118
3	14/11/2025	N1131

NSAI ETC TC 06 SC 01 Committee

NSAI ETC TC 06 SC 01 committee members attended the following NSAI national meetings:

Meeting No.	Date	Minutes Reference
1	25/03/2025	N0084
2	02/09/2025	N0096
3	09/12/2025	N0101

5.2.2 National Work

NSAI ETC TC 06 Committee

The committee had a presentation on the Certification & Inspection of Assemblies by Sean Clarke General Manager of Ex Veritas in April and a presentation on Lightning Protection Technology for Explosive Atmospheres (Electric Field Stabilization (EFS)) by Presentation by Stephen Horsley in November.

The committee are following the international work at IEC and CENELEC. The aim of the committee is to ensure Irish requirements are included in the international work and therefore no additional national work is required.

NSAI ETC TC 06 SC 01 Committee

NSAI ETC TC 06 SC 01 Committee are following the international work in CEN/TC 305. The aim of the committee is to ensure Irish requirements are included in the international work and therefore no additional national work is required.

5.3 International/Regional

5.3.1 Meetings

NSAI ETC TC 06 Committee

Committee members attended international CENELEC (CLC) and IEC meetings.

Committee Name	Location	Date	Attendees
TC 31/WG 42	Barclay	01/04/2025 – 02/04/2025	1
TC 31/WG 22		12/05/2025	1
TC 31 MT 60079-26		07/04/2025 & 09/04/2025	1
TC 31/SC 31M MT 80079-20-1		28/04/2025	1
TC 31 - with TC 101 - Electrostatics		2025/06/30 – 2025/07/01	1
TC 31 - Classification of hazardous areas and installation requirements	Northwood USA	2025/10/06 – 2025/10/17	1
TC 31 - Equipment for explosive atmospheres	Northwood USA	2025/10/06 – 2025/10/17	1
TC 31 - Non-electrical equipment and protective systems for explosive atmospheres	Northwood USA	2025/10/06 – 2025/10/17	1
TC 31 - Equipment and components in explosive atmospheres in underground mines	Northwood USA	2025/10/06 – 2025/10/17	1
TC 31 - Responsible for MT 60079-0, maintenance of IEV 60050.426 and other specific tasks assigned by TC 31	Northwood USA	2025/10/06 – 2025/10/17	1
TC 31 - Safety Devices Related to Explosion Risk		2025/03/24 – 2025/04/04	1
TC 31/SC 31J Plenary	Northwood USA	2025/10/16	1
TC 31/SC 31M Plenary	Northwood USA	2025/10/16	1
TC 31 Plenary	Northwood USA	2025/10/17	1
CLC TC 31 Plenary	Brussels	2025/09/09 – 2025/09/10	2
TC 31/SC 31J MT 60079-17		2025/11/28 & 2025/12/12	1

NSAI ETC TC 06 SC 01 Committee

NSAI ETC TC 06 SC 01 members attended international CEN virtually.

Committee Name	Date	Attendees
CEN 305 Plenary	2025/09/09 – 2025/09/10	3
CEN/TC 305/WG 3	2025/01	3
CEN/TC 305/WG 3	2025/01	3
CEN/TC 305/WG 6	2025/01/29	1
CEN/TC 305/WG 6	2025/07/23	1
CEN/TC 305/WG 6	2025/09/26	1

CEN/TC 305/WG 6	2025/11/27	1
CEN/TC 305/WG 8	2025/04/04	1
CEN/TC 305/WG 8	2025/05/23	1
CEN/TC 305/WG 8	2025/09/08	1
CEN/TC 305/WG 8	2025/10/29	1

5.3.2 International/Regional Work

Members of the committees attended maintenance teams and working group meetings.

5.3.3 International/Regional Standards Reviewed

NSAI ETC TC 06 Committee

The committee continue to review standards as they arise in IEC & CLC. The committee has been actively attending IEC & CLC meeting in relation to the IEC 60079 series, Explosive atmospheres. The committee break their work down into primary and secondary focus. There are members of the committee sitting on IEC & CLC committees which are both primary & secondary focus of the national committee.

This is the primary focus list:

- TC 31/PT 60079-44 Explosive atmospheres - Personal Competence
- TC 31/SC31J/MT 60079-14 Maintenance of IEC 60079-14: Explosive atmospheres - Part 14: Electrical installations design, selection and erection
- TC 31/SC31J/MT 60079-17 Maintenance of IEC 60079-17: Explosive atmospheres - Part 17: Electrical installations inspection and maintenance
- TC 31/SC31J/MT 60079-19 Maintenance of IEC 60079-19: Explosive atmospheres - Part 19: Equipment repair, overhaul and reclamation
- CLC TC 31/WG 23 Marking

This secondary focus list:

IEC/TC 31/MT 60079-29	Maintenance of IEC 60079-29 series Gas Detectors
IEC/TC 31/MT60079-1	Maintenance of IEC 60079-1 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC/TC 31/MT60079-33	Maintenance of IEC 60079-33 Explosive atmospheres - Part 33: Equipment protection by special protection 's'
IEC/TC 31/WG 22	Responsible for MT 60079-0, maintenance of IEC 60050.426 and other specific tasks assigned by TC 31
IEC/TC 31/WG 39	Adverse Service Conditions
IEC/TC 31/WG 47	EPL Gc equipment
IEC/TC 31/WG 46	Equipment assemblies
IEC/TC 31 /SC 31 G/MT 60079-11	Maintenance of IEC 60079-11 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
IEC/TC 31 /SC 31 J/MT 60079-10-1	Maintenance of IEC 60079-10-1 Ed. 1.0: Explosive atmospheres - Part 10-1: Classification of areas - Explosive gas atmospheres
IEC/TC 31 /SC 31 M/MT 80079-34	ISO/IEC 80079-34 Ed. 1.0: Explosive atmospheres - Application of quality systems for electrical and non-electrical equipment
IEC/TC 31 /SC 31 M/MT 80079-38	ISO/IEC 80079-38 Explosive Atmospheres - Part 38: Equipment and components in
IEC/TC 31 /SC 31 M/WG 1	Non-electrical equipment

IEC TC 31 WG 42

Safety device related to explosion risk

NSAI ETC TC 06 SC 01 Committee

The primary focus for NSAI/ETC/TC 06/SC 01 is as follows:

CEN/TC 305	Potentially explosive atmospheres - Explosion prevention and protection
CEN/TC 305/WG 3	Devices and systems for explosion prevention and protection
CEN/TC 305/WG 4	Terminology and methodology
CEN/TC 305/WG 6	Flame arresters
CEN/TC 305/WG 1	Test methods for determining the flammability characteristics of substances

5.3.4 International/Regional Voting Results

NSAI ETC TC 06 Committee

NSAI/ETC/TC 06 vote on all documents at IEC and CENELEC documents using a default voting strategy. The committee have actively voted on 41 documents in 2025 and have submitted 4 sets of comments.

Active votes were broken down into 29 IEC documents & 11 CENELEC documents.

IEC/TC 31: Ireland has actively voted 11 times in 2025 and submitted 6 sets of comments.

IEC/TC 31G: Ireland has actively voted 3 times in 2025 and submitted 1 set of comments.

IEC/TC 31M: Ireland has actively voted 8 times in 2025 and submitted 4 set of comments.

IEC/TC 31J: Ireland has actively voted 7 times in 2025 and submitted 1 set of comments.

CLC/TC 31: Ireland has actively voted 11 time in 2025 and submitted 2 sets of comments.

Body	Vote Reference	Comments Submitted	Decision	WIID
CLC	EN IEC 60079-15:2019/FprAA:2025		No Comment	76750
CLC	EN IEC 60079-25:2022/FprA1:2025		In Favour	79514
CLC	FprEN IEC 60079-18:2025		No Comment	77106
CLC	FprEN IEC 60079-19:2025		No Comment	77881
CLC	prEN 60079-13:2025		No Comment	77698
CLC	prEN IEC 30079-46:2025		Approve	74979
CLC	prEN IEC 60079-1:2025		No Comment	74983
CLC	prEN IEC 60079-10-1:2025		No Comment	79522
CLC	prEN IEC 60079-10-2:2025		No Comment	79200
CLC	prEN IEC 60079-42:2025	Yes	Approve	74980
CLC	prEN IEC 60079-46:2025	Yes	Comments	74979
IEC	31/1846/CDV		Abstain	
IEC	31/1858/FDIS		Abstain	

IEC	31/1866/CDV		Abstain
IEC	31/1869/CDV	Yes	Approve
IEC	31/1871/CDV	Yes	Approve
IEC	31/1873/CD		No Comment
IEC	31/1876/CD		No Comment
IEC	31/1890/Q	Yes	Comments Only
IEC	31/1892/Q	Yes	Comments Only
IEC	31/1897/Q	Yes	Comments Only
IEC	31/1934/Q	Yes	Comments Only
IEC	31G/416/Q	Yes	Approve
IEC	31G/426/FDIS		Approve
IEC	31G/427/DC		No Comment
IEC	31J/383/CDV		Abstain
IEC	31J/385/Q	Yes	Comments Only
IEC	31J/386/FDIS		Abstain
IEC	31J/391/CDV		Abstain
IEC	31J/394/DC		No Comment
IEC	31J/396/CDV		Abstain
IEC	31J/397/NP		No Comment
IEC	31M/246/CDV		Abstain
IEC	31M/252/CDV		Abstain
IEC	31M/253/Q	Yes	Comments Only
IEC	31M/261/CDV	Yes	Approve
IEC	31M/263/CD	Yes	Comments Only
IEC	31M/264/CD		No Comment
IEC	31M/265/Q	Yes	Comments Only
IEC	31M/267/CD		No Comment

NSAI ETC TC 06 SC 01 Committee

NSAI/ETC/TC 06/SC 01 vote on all documents at CEN level using a default voting strategy.

The committee actively voted on 15 documents in 2025.

Body	Vote Reference	Decision
CEN	Draft Decision C471/2025 - Extension DoW EN 14986	Approved
CEN	Draft Decision C472/2025 - Extension DoW prEN ISO 80079-50	Approved
CEN	Draft Decision C473/2025 - Extension DoW prEN 15089	Approved
CEN	Draft Decision C474/2025 - Extension DOW prEN 14994	Approved
CEN	Draft Decision C475/2025 - Extension DOW prEN 16447	Approved
CEN	Draft Decision C476/2025 - Activation of prEN 15198	Approved
CEN	prEN ISO 80079-38	Abstention

CEN	Draft Decision C477/2025 - Adoption of NWI EN 14986:2024/prA	Approved
CEN	Draft Decision C478/2025 - CEN/TR 16793	Confirm
CEN	prEN ISO/IEC 80079-41	Abstention
CEN	Draft Decision C479/2025 - EN 16793 - tolerance request	Approved
CEN	prEN 16447	Approved
CEN	prEN ISO/IEC 80079-34	Approved
CEN	prEN 1127-1	Approved
CEN	Draft Decision C481/2025 - Cancellation of Liaison	Approved

5.4 Regulatory Development/Update

The committees did not review any regulatory developments.

The area of potentially explosive atmospheres is subject to two EU Directives.

- Directive 2014/34/EU which covers equipment and protective systems intended for use in potentially explosive atmospheres and
- Directive 1999/92/EC which covers minimum requirements for improving the safety and health protection of workers potentially at risk from explosive atmospheres.

6 Irish Publications/Reviews

6.1 Publications

NSAI ETC TC 06 Committee

The Committee did not publish any deliverables this year, but continued to develop content for the HSA website. [ATEX Delivery Guide - Health and Safety Authority \(hsa.ie\)](https://www.hsa.ie).

NSAI ETC TC 06 SC 01 Committee

The Committee did not publish any deliverables this year, however they continued to contribute to the content being produced by CEN/TC 305.

6.2 Reviews

No reviews were carried out this year.

7 Work programme for 2026 onwards

NSAI ETC TC 06 Committee

The focus of the committee shall be on contributing to the IEC 60079 series of standards being developed at European and International level by CENELEC and IEC.

The committee shall continue the work on the production of an ATEX Verification Guidance website hosted by the HSA for use by people working in Explosive Atmospheres. The committees several groups will continue to develop this work. The groups are listed below:

- WG 1: Functional Safety Group
- WG 2: Static Group
- WG 3: Earthing Group
- WG 4: Instrumentation Group
- WG 6: Inspection & Testing Group

- WG 9: Risk
- WG 10: Assemblies

The committee will continue attendance and contribution at the IEC & CLC level throughout 2026 by reviewing, inputting Irish comments and voting on the various stages of standards development. The number of work programmes taking place in the relevant IEC committees are listed and detailed below:

- IEC TC 31 15 work programmes,
- IEC TC 31G 1 work programme,
- IEC TC 31M 5 work programmes,
- IEC TC 31J 4 work programmes.

7.1 IEC Work Programme:

IEC	Project Reference	Title	Document Reference	Working Group	Fcst. Publ. Date
TC 31	IEC 60079-0 ED8	Explosive atmospheres - Part 0: Equipment - General requirements	31/1958/F DIS	WG 22	2026-06
TC 31	IEC 60079-1 ED8	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"	31/1866/C DV	MT 60079-1	2027-01
TC 31	IEC 60079-2 ED7	Explosive atmospheres - Part 2: Equipment protection by pressurized enclosure "p"	31/1947/C DV	MT 60079-2	2026-12
TC 31	IEC 60079-7 ED6	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"	31/1955/C DV	MT 60079-7	2027-04
TC 31	IEC 60079-15 ED6	Explosive atmospheres - Part 15: Equipment protection by type of protection "n"	31/1843/C D	MT 60079-15	2027-05
TC 31	IEC 60079-26 ED5	Explosive atmospheres - Part 26: Equipment with Separation Elements or combined Levels of Protection	31/1950/C D	MT 60079-26	2027-04
TC 31	IEC 60079-29-3 ED2	Explosive atmospheres - Part 29-3: Gas detectors - Guidance on functional safety of fixed gas detection systems	31/1941/C DV	MT 60079-29	2027-02
TC 31	IEC TS 60079-32-1 ED2	Explosive atmospheres - Part 32-1: Electrostatic hazards - Guidance	31/1930/R R	JWG 29	2027-09
TC 31	IEC 60079-32-2 ED2	Explosive atmospheres - Part 32-2: Electrostatics hazards - Tests	31/1931/R R	JWG 29	2027-09
TC 31	IEC 60079-33 ED2	Explosive atmospheres - Part 33: Equipment protection by special protection 's'	31/1838/C D	MT 60079-33	2027-08
TC 31	IEC 60079-42 ED1	Explosive atmospheres - Part 42: Electrical safety devices for the control of potential ignition sources for Ex-	31/1869/C DV	WG 42	2026-07

		Equipment, Type of protection "f"			
TC 31	IEC 60079-43 ED1	Explosive atmospheres - Part 43: Guidance on equipment intended for use in adverse environmental service conditions	31/1954/R R	WG 39	2028-12
TC 31	IEC 60079-46 ED1	Explosive atmospheres - Part 46: Equipment assemblies	31/1871/C DV	MT 60079-46	2026-10
TC 31	IEC 60079-101 ED1	Explosive atmospheres - Part 101: Principles of explosion protection	31/1876/C D	WG 54	2027-12
TC 31	IEC 62990-1 ED2	Workplace atmospheres - Part 1: Gas detectors - Performance requirements of detectors for toxic gases	31/1948/C D	JWG 45	2028-11
TC 31G	IEC 60079-11/AMD1 ED7	Amendment 1 - Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"	31G/423/C D	MT 60079-11	2027-06
TC 31M	ISO/IEC 80079-20-1 ED2	Explosive atmospheres - Part 20-1: Material characteristics for gas and vapour classification - Test methods and data	31M/267/C D	MT 80079-20-1	2027-11
TC 31M	ISO/IEC 80079-20-2 ED2	Explosive atmospheres - Part 20-2: Material characteristics - Combustible dusts test methods	31M/291/C D	MT 80079-20-2	2028-11
TC 31M	ISO/IEC 80079-34 ED3	Explosive atmospheres - Part 34: Application of quality management systems for Ex Product manufacture	31M/261/C DV	MT 80079-34	2027-02
TC 31M	ISO/IEC 80079-38 ED2	Explosive atmospheres - Part 38: Equipment and components in explosive atmospheres in underground mines	31M/246/C DV	MT 80079-38	2026-09
TC 31M	ISO/IEC 80079-41 ED1	Explosive atmospheres - Part 41: Reciprocating internal combustion engines	31M/252/C DV	PT 80079-41	2026-09
TC 31J	PNW 31J-397 ED1	Explosive atmospheres - Part 14-2: Electrical installations design, selection and installation of equipment, including initial inspection in underground mines susceptible to firedamp	31J/397/NP	WG 1	2031-05
TC 31J	IEC 60079-10-1 ED4	Explosive atmospheres - Part 10-1: Classification of areas - Explosive gas atmospheres	31J/396/C DV	MT 60079-10-1	2026-11
TC 31J	IEC 60079-10-2 ED3	Explosive atmospheres - Part 10-2: Classification of areas - Explosive dust atmospheres	31J/383/C DV	MT 60079-10-2	2026-07
TC 31J	IEC 60079-13 ED3	Explosive atmospheres - Part 13: Equipment protection by	31J/391/C DV	MT 60079-13	2026-12

pressurized room "p" and
artificially ventilated room "v"

The number of work programmes taking place in the relevant CENELEC committees are listed and detailed below:

- CLC TC 31 25 work programmes,

7.2 CLC Work Programme:

CLC TC	WI Number	Reference	Title
TC 31	67360	prEN 50270:2025	Electromagnetic compatibility - Electrical apparatus for the detection and measurement of combustible gases, toxic gases or oxygen
TC 31	74979	prEN IEC 60079-46:2025	Explosive atmospheres - Part 46: Equipment assemblies
TC 31	74980	prEN IEC 60079-42:2025	Explosive atmospheres - Part 42: Electrical safety devices for the control of potential ignition sources for ex-equipment, type of protection "f"
TC 31	74981	FprEN IEC 60079-0:2026	Explosive atmospheres - Part 0: Equipment - General requirements
TC 31	74983	prEN IEC 60079-1:2025	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
TC 31	76750	EN IEC 60079-15:2019/A11:2026	Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
TC 31	77698	prEN IEC 60079-13:2025	Explosive atmospheres - Part 13: Equipment protection by pressurized room "p" and artificially ventilated room "v"
TC 31	79181	prEN IEC 60079-2:2026	Explosive atmospheres - Part 2: Equipment protection by pressurized enclosure "p"
TC 31	79200	prEN IEC 60079-10-2:2025	Explosive atmospheres - Part 10-2: Classification of areas - Explosive dust atmospheres
TC 31	79419	prEN IEC 60079-26	Explosive atmospheres - Part 26: Equipment with separation elements or combined levels of protection
TC 31	79522	prEN IEC 60079-10-1:2025	Explosive atmospheres - Part 10-1: Classification of areas - Explosive gas atmospheres
TC 31	80448	prEN IEC 60079-29-0:2024/prAA	Explosive atmospheres - Part 29-0: Gas detectors - General requirements and test methods, and possible supplementary parts.
TC 31	80698	prEN IEC 60079-101	Explosive atmospheres - Part 101: Principles of explosion protection
TC 31	80794	EN IEC 60079-11:2024/prAA	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
TC 31	80795	EN 60079-5:2015/prAA	Explosive atmospheres - Part 5: Equipment protection by powder filling "q"
TC 31	80796	EN 60079-6:2015/prAA	Explosive atmospheres - Part 6: Equipment protection by liquid immersion "o"
TC 31	80797	prEN 50724	Fixed Ultrasonic Gas Leak Detectors (UGLD) - General requirements and test methods

TC 31	81943	EN IEC 60079-11:2024/prA1	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
TC 31	82208	prEN IEC 60079-29-3:2025	Explosive atmospheres - Part 29-3: Gas detectors - Guidance on functional safety of fixed gas detection systems
TC 31	82867	prEN IEC 60079-42:2025/prAA	Explosive atmospheres - Part 42: Electrical safety devices for the control of potential ignition sources for Ex-Equipment
TC 31	83027	prEN IEC 60079-7:2026	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
TC 31	83035	prEN IEC 62990-1	Workplace atmospheres - Part 1: Gas detectors - Performance requirements of detectors for toxic gases
TC 31	83373	prEN IEC 60079-43	Explosive atmospheres - Part 43: Guidance on equipment intended for use in adverse environmental service conditions
TC 31	83374	prEN IEC 60079-15	Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
TC 31	83383	prEN IEC 60079-32-2	Explosive atmospheres - Part 32-2: Electrostatic hazards - Tests

It is planned that the committee will be once/quarter in 2026.

NSAI ETC TC 06 SC 01 Committee

NSAI/ETC/TC 06/SC 01 committee will contribute to the standards being developed at European level by CEN throughout 2026 by reviewing, inputting Irish comments and voting on the various stages of standards development.

Attendance and/or monitoring of the below Working Groups is planned for 2026 depending on member availability:

CEN/TC 305/WG 1 "Test methods for determining the flammability characteristics of substances".

CEN/TC 305/WG 2 "Equipment for use in potentially explosive atmospheres".

CEN/TC 305/WG 3 "Devices and systems for explosion prevention and protection".

CEN/TC 305/WG 4 "Terminology and Methodology".

CEN/TC 305/WG 5 "Equipment and components in underground mines and reciprocating internal combustion engines for potential explosive atmospheres".

CEN/TC 305/WG 6 "Flame arresters".

CEN/TC 305/WG 8 "Determination of static equivalent pressures of gas phase detonations in pipes and vessels".

IEC/TC 31/SC 31M/PT 80079-50 "Explosion venting devices".

IEC/TC 31/SC 31M/WG 2 "Performance requirements, test methods and limits for use for flame arresters"



It is planned to have two to three NSAI/ETC/TC 06/SC 01 meetings in 2026.

8 Additional Information

No additional information.