# Pre-normative and pre-standardisation activities report (Intermediate)

## D6.12

*31/03/2023*

**NIGHTINGALE**

## DOCUMENT SUMMARY INFORMATION

| Grant Agreement No | 101021957 | Acronym | NIGHTINGALE |
|---|---|---|---|
| Full Title | Novel InteGrated toolkit for enhanced pre-Hospital life support and Triage IN challenGing And Large Emergencies | | |
| Start Date | 01/10/2021 | Duration | 36 months |
| Project URL | https://www.nightingale-triage.eu | | |
| Deliverable | Pre-normative and pre-standardisation activities report (Intermediate) | | |
| Work Package | 6 | | |
| Deliverable type | Report | Dissemination Level | Public |
| Due Date of Deliverable | 31/03/2023 | Actual Submission Date | 10/04/2023 |
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| Lead Beneficiary | ICCS | | |
| Authors | Chrysoula Papathanasiou (ICCS), Eleftherios Ouzounoglou (ICCS), | | |
| Co-authors | Barbara Guerra (PARTICLE), all consortium members contributed through suggestions on relevant standards and initiatives | | |
| Reviewers | Sofia Tsekeridou (INTRA), Evangelos Sdongos (ASTRIAL) | | |
| Security Assessment | ☐ Passed | ☐ Rejected | ☒ Not Required |
| Status | ☐ Draft | ☒ Peer Reviewed | ☒ Coordinator Accepted |

## DISCLAIMER

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## HISTORY OF CHANGES

| Version | Date | Changes |
|---|---|---|
| **0.1** | 14/02/2023 | Table of contents was created |
| **0.2** | 20/03/2023 | Initial version was drafted |
| **0.3** | 01/03/2023 | First version created through consortium contributions |
| **0.4** | 31/03/2023 | Version submitted for peer review |
| **1.0** | 10/04/2023 | Incorporation of internal review comments and final version creation for submission |

## PROJECT PARTNERS

| No. | Logo | Partner | Short name | Country |
|-----|------|---------|-----------|---------|
| 1 | | INSTITUTE OF COMMUNICATION AND COMPUTER SYSTEMS | ICCS | Greece |
| 2 | | TOTALFORSVARETS FORSKNINGSINSTITUT | FOI | Sweden |
| 3 | | LEONARDO – SOCIETA PER AZIONI | LDO | Italy |
| 4 | | C4CONTROLS LTD  *[TERMINATED]* | C4C  *[TERMINATED]* | UK  *[TERMINATED]* |
| 5 | | NETCOMPANY - INTRASOFT SA | INTRA | Luxembourg |
| 6 | | INOV INSTITUTO DE ENGENHARIA DE SISTEMAS E COMPUTADORES, INOVACAO | INOV | Portugal |
| 7 | | EXUS SOFTWARE MONOPROSOPI ETAIRIA PERIORISMENIS EVTHINIS | EXUS | Greece |
| 8 | | UNIVERSITAT POLITECNICA DE VALENCIA | UPV | Spain |
| 9 | | ETHNIKO KENTRO EREVNAS KAI TECHNOLOGIKIS ANAPTYXIS | CERTH | Greece |
| 10 | | DEVERYWARE | DW | France |
| 11 | | PARTICLE SUMMARY | PARTICLE | Portugal |
| 12 | | TREE TECHNOLOGY SA | TREE | Spain |
| 13 | | EUROPAISCHE GESENLLSCHAFT FUR TRAUMA -UND AKUTCHIRURGIE - ESTES | ESTES | Austria |
| 14 | | INTERNATIONAL MRMID ASSOSIATION | MRMID | Sweden |
| 15 | | UNIVERSITA DEGLI STUDI DEL PIEMONTE ORIENTALE AMEDEO AVOGADRO | UPO | Italy |
| 16 | | ASSISTANCE PUBLIQUE HOPITAUX DE PARIS | APHP-SAMU | France |
| 17 | | UNIVERSITA CATTOLICA DEL SACRO CUORE | UCSC | Italy |
| 18 | | MINISTERO DELL' INTERNO | MININT | Italy |

| 19 | | AZIENDA SANITARIA LOCALE N 2 SAVONESE | ASL2 | Italy |
|----|----|----|----|----|
| 20 | | MAGEN DAVID ADOM IN ISRAEL | MDA | Israel |
| 21 | | CARR COMMUNICATIONS LIMITED | CCL | Ireland |
| 22 | | ASSOCIAZIONE CITTADINANZATTIVA ONLUS | CA | Italy |
| 23 | | INTERDISCIPLINARY CENTER (IDC) HERZLIYA | IDC | Israel |
| 24 | | ASTRIAL GmbH | ASTRIAL | Germany |

## LIST OF ABBREVIATIONS

| Abbreviation | Definition |
|---:|---|
| GA | Grant Agreement |
| D | Deliverable |
| H2020 | Horizon 2020 |
| WP | Work Package |
| COP | Common Operation Picture |
| UCPM | Union Civil Protection Mechanism |
| EMTEL | Emergency Communications |
| ETS | Emergency Telecommunications Service |
| EDXL | Emergency Data Exchange Language |
| TERT | Telecommunicator Emergency Response Taskforce |
| CBRN | Chemical, biological, radiological and nuclear |
| CBRNe | Chemical, biological, radiological and nuclear and explosive |
| CAP | Common Alerting Protocol |
| (BB-DR) | Broadband Disaster Relief |
| ISM | Information Security Management |
| LPWAN | Low Power Wide Area Network |
| CWA | CEN Workshop Agreements |
| TC | Technical Committee |

# Executive Summary

This deliverable presents an overview of pre-normative and pre-standardisation activities undertaken during the first 18-month period of the project lifetime. These activities include both identification and examination of NIGHTINGALE-related standards currently available or still under development and also standardisation activities undertaken by consortium partners.

Initially, challenges of the project that can be addressed by standards and relevant standardisation gaps are identified and reported. Then, an overview of the standardisation landscape is presented, and relevant standardisation topics are identified. Other standardisation activities of the consortium partners are also reported.

Eventually, a comprehensive list of published or under development standards related to crisis management, emergency medicine, critical communications and in general the project objectives and outcomes are provided and the elements of this list are prioritized and grouped, so as to facilitate the consortium in reviewing the project outcomes against relevant standards, as originally foreseen in the GA.

This deliverable (D6.12) denotes the intermediate period regarding pre-normative and pre-standardisation activities and will be complemented and concluded with the final report on these activities, *i.e.,* D6.13, to be submitted by 30.09.2024 (Month 36).

# Table of Contents

## LIST OF TABLES

# 1    Introduction

To ensure that NIGHTINGALE remains aligned with the continuously evolving standardisation landscape, a two-fold approach will be adopted during the project implementation. On the one hand, project developments will regularly be reviewed against available standards, concerning both technical and operational aspects of the project. On the other hand, consortium partners are strongly motivated to be in continuous contact with and actively participate in standardization activities in the fields of disaster management, emergency medicine, platforms for response, sensorial data, augmented reality and critical communications, NG112, etc.

This deliverable presents an overview of pre-normative and pre-standardisation activities undertaken during the first 18-month period of the project lifetime with regards to both relevant standards currently available and related standardisation activities undertaken by consortium partners.

## 1.1    Document summary and outline

The work described in this deliverable is part of the work carried out in *Work Package 6 – Standardisation, IPR and Data Management Plans*, which can be used as a reference document for the whole project

As clearly defined in the GA, throughout the NIGHTINGALE implementation available technical and operational standards relevant to the project will be identified, evaluated and when relevant taken into consideration in project developments. At the same time, relevant standardisation activities will be either tracked or even initiated, when possible, and active involvement of project partners in such activities will be encouraged. The different phases of this procedure will be reported in D6.12 (Intermediate phase of the Pre-normative and pre-standardisation activities report) and D6.13 (Final phase of the Pre-normative and pre-standardisation activities report).

This Intermediate report is divided into five Chapters and one annex. A brief overview of the deliverable structure is provided hereafter:

- » **Chapter 1** is an introductory section of the document and provides a general overview of the deliverable,
- » **Chapter 2** discusses about challenges related to NIGHTINGALE that can be addressed by standards and relevant standardisation gaps,
- » **Chapter 3** presents an overview of the relevant standardisation landscape, discussing about relevant standardisation topics,
- » **Chapter 4** summarises the alignment of NIGHTINGALE developments with the standards landscape focusing on relevant standardisation activities undertaken during the first 18-month period of project duration,
- » **Chapter 5** summarises the conclusions of the deliverable and the future work for the forthcoming period and

» **Annex I** presents a list of identified standards, both published and still under development, related to crisis management, emergency medicine, critical communications and in general the project objectives and outcomes.

## 1.2   Addressing the NIGHTINGALE Description of Action

As foreseen in the NIGHTINGALE Grant Agreement and presented in the following Table, this Deliverable is foreseen to be prepared within the framework of implementation of WP6, as it is directly related with the purposes of Task 6.5.

*Table 1: Description of Action: Task 6.12*

| NIGHTINGALE Description of Action requirements | Deliverable addressing the requirements | Brief description |
|---|---|---|
| Task 6.5 Standardisation, IPR and Data Management Plans | D6.12 Pre-normative and pre-standardisation activities report (Intermediate) | During this Task, project developments will be periodically reviewed against available standards, both technical and operational. Consortium partners are encouraged to continuously monitor and participate in standardization working groups related to the fields of disaster management, emergency medicine, response platforms, sensorial data, augmented reality and critical communications and NG112. Action's results will be presented to the working groups as recommendations for new standard versions. |

## 1.3   Intended Readership

The Pre-normative and pre-standardisation activities report is an overview of related activities undertaken during the first 18-months of the project lifetime, setting the scene at the same time of the current standardisation landscape in this domain. As such, this report is intended for NIGHTINGALE project partners and the project's Advisory Board, serving as a point of reference for relevant activities and initiatives.

The report is also of interest to the European Research Executive Agency, the European Commission, European agencies and other H2020 and HEU projects working in the field of civil protection, disaster management, accident and incident procedures and technologies for first responders.

This report is also intended for the general public. It will provide an overview of the current standardisation background in an area of significant public interest: civil protection and emergency medical response.

## 1.4   Relationship with other NIGHTINGALE Deliverables and Tasks

The identified standardisation gaps, as well as available standards that are currently in the market and pre-standards that are still under development, will feed the procedure undertaken in the relevant Work Packages. More specifically, the identified gaps together with the available standards will be taken into consideration in all Work Packages, ranging from tool design, prototyping of services, AI and ML developments, data fusion and analytics, toolkit integration and testing and field validation, especially in those WPs for which an iterative process (feedback loop process) is foreseen to take place.

Similarly, participation of consortium partners in standardisation activities will definitely have an impact on the project, as such an involvement can enlighten potential vague aspects, foster more accurate and deep understanding and inspire and motivate the overall design and testing of solutions towards innovative and efficient directions.

At the same time, D1.12 will be also used to support the decision-making process for the pre-standards or standards implementation and testing.

# 2    NIGHTINGALE-related challenges to be addressed by standards and relevant standardization gaps

NIGHTINGALE initial activities, related to the definition of user requirements, included interviews, workshops and round tables organized by project partners mainly targetted at practitioners. A detailed analysis of those activities is presented in NIGHTINGALE deliverables D1.1, D1.6 and D1.8. Those user requirements served as an initial input to identify potential standardisation gaps and opportunities that could facilitate the whole pre-standardisation process. The main outcomes related with standardisation aspects, as expressed by end-user participants and user advisory board members (the synthesis of the user advisory board is presented in detail in D7.2), are presented in the following.

» *Interoperability* keeps emerging as a critical component in disaster management and emergency management. Such interoperability concerns both:
  o Technical interoperability between systems, technical solutions and tools and
  o Common procedures adopted during crisis management. These procedures refer to response plans that could be already in place, response activities during an event, training tactics and guidelines. It is noted that even typical symbols in first responders' organisations are not the same between different organisations and different countries, thus hindering their seamless cooperation on site.

» Focusing on transboundary crisis situations, regarding a *Common Operation Picture (COP)*, a challenge exists in *radio communication* due to the usage of different standards among EU Member States and Associated Countries.

» Standardisation gaps are also identified in:
  o *Terminology* (not only at a transnational, but also at an inter-organization level),
  o *Training activities*, ideally resulting in a pan-European training curriculum encompassing Capacities, Assets & Logistics management and also
  o *Policy governing Capacities, Assets & Logistics management*

» As regards to *information management*, challenges are identified in the following aspects:
  o Need for a common filtering mechanism, upon common or standardised operational procedures and roles, including for example an information flow chart, providing an interoperable data management platform and/or integrating existing standardised ways to gather and represent information,
  o Need to use standardised information gathering templates and apply translation software, since incident reports may be available in different languages
  o Need to use interoperability standards, commonly accepted, for information exchange, along with associated standardized classification schemes, taxonomies or vocabularies
  o Need to use a common protocol for communication
  o Need to use common medical terminology references

On the grounds that both technical, information and procedural interoperability as well as consistent interorganizational and cross-national information management is ensured, the organisations involved in crisis management will gain a **shared understanding of events** and support transparent decision-making on behalf of all parties (either those directly involved or not). Such a structured standardised provision of information can support in avoiding any ambiguities providing at the same time the same level of information to all end-user organisations.

Another challenge that needs to be addressed concerns the **complexity of a crisis** and the **knowledge about the process of actually managing the crisis**. This could involve for example the status of deployment of assets and their whereabouts, needs and requirements of practitioners on the ground of personnel and materials, number and type of injuries, etc. This is directly related with information management and inter-organisational communication.

To structure knowledge on crisis management and make it available to interested parties, different elements need to be explored, covering the context of the crisis situation, potential parties that can be mobilised and invoked and the objectives associated with each crisis event. In this context, structured knowledge refers to a way to collect, gather and process datasets and information retrieved from various sources (technological tools, solutions, sensors and other information provided by organisations involved or open/governmental sources), using a strictly defined, yet flexible, formal frame, including common terminology. Each element is further detailed by sub-elements, which help making sense of the situation and inform decision making. The sub-elements need to be specified by the end-users to reflect their needs and requirements and make the whole process useful to them. This model of knowledge management needs to be open and continuously adapted to the circumstances and the practitioners using it and in order to avoid entrenching cultural assumptions and historical precedent into future analyses. New situations and end-users will require adaptations so that the NIGHTINGALE solutions retain their useful qualities. In addition to this, NIGHTINGALE solutions will also be characterised by flexibility. The use of standardised models and procedures will definitely support the expandability and adaptability to local contexts of the overall toolkit usage.

Critical issues that need to be considered in order to achieve a close relation and, when necessary, a seamless communication and integration of the systems and mechanisms, include the **use of EU terminology and existing formal taxonomies** (derived from crisis management, emergency medicine, response platforms, legal frameworks *etc.*), **exploitation of existing EU systems**, **linking** of the NIGHTINGALE solutions **to existing tools** and **integration of them in applied methods and existing  practices for coordination and cooperation** like the UCPM – where possible.

# 3    An overview of the NIGHTINGALE-related standardisation landscape

Standardisation Bodies provide a wide range of standards as well as standard initiatives in order to fill identified gaps in the areas of disaster management, emergency medicine, response platforms, sensorial data, augmented reality and critical communications. There is

therefore a wide variety of **NIGHTINGALE-related standardisation topics** related with the thematic area, the specific objectives and the expected outcomes of NIGHTINGALE. Among all, the topics listed below are considered the most relevant to the project:

- » (Transboundary) crisis/emergency/risk management
    - o Information management,
    - o Inter-organisational communication
- » Transboundary response,
- » Urban search and rescue,
- » Emergency operations,
- » Training activities,
- » Terminology (technical, operational and medical),
- » Policy governing Capacities, Assets & Logistics management,
- » Telecommunication and communication technologies,
- » Emergency Communications (EMTEL),
- » Emergency Telecommunications Service (ETS),
- » PEMEA
- » Emergency Data Exchange Language Resource Messaging (EDXL-RM),
- » Emergency Data Exchange Language Tracking of Emergency Patients (EDXL-TEP)
- » Emergency Data Exchange Language Hospital Availability Exchange (EDXL-HAVE)
- » Telecommunicator Emergency Response Taskforce (TERT) Deployment,
- » Health informatics,
- » Telebiometrics,
- » Vulnerability assessment and protection,
- » CBRN first aid,
- » Common Alerting Protocol (CAP)
- » Tactical Situation Object (TSO)
- » Data interchange between information systems,
- » Broadband Disaster Relief applications (BB-DR) for emergency services,
- » Emergency and continuity management program,
- » Control centres design,
- » IHO Data Protection Scheme,
- » Information Security Management (ISM),
- » Location tracking,
- » Low Power Wide Area Network (LPWAN),
- » Medical vehicles and their equipment,
- » Medical devices,
- » Next Generation Networks,
- » Open Data Protocol (OData),
- » Patient handling equipment,

- » Mobile biometric identification systems,
- » Personal protective equipment,
- » Protective clothing,
- » Smart garments.

# 4 Alignment of NIGHTINGALE developments with the standards landscape – relevant standardisation activities

There are several ways through which the consortium partners may be actively involved in standardisation activities. Typical examples include **participation in NIGHTINGALE-related CEN Workshop Agreements (CWA)** and **Promotion of relevant topics to national standardization committees**. During this period, the activity of NIGHTINGALE partners mainly focused on participation in relevant CEN Workshop Agreements. This activity can be demonstrated through:

- » Participation in a CWA committee, either as a Workshop Proposer or Workshop Participant,
- » Provision of comments to a CWA that is in public consultation phase,
- » Participation in other activities related with the draft CWA preparation.

Regarding Participation in a CWA committee, ICCS, ASTRIAL and PARTICLE have both a significant role in the preparation of CEN Workshop Agreements directly related with NIGHTINGALE. More information on these CWAs is presented in the following Table.

*Table 2: Participation of NIGHTINGALE partners in a CWA Committee*

| Standards Organisations | Technical Committee / Working Group | Standard | NIGHTINGALE-Partner / Role | Description of the activity |
|---|---|---|---|---|
| CEN/CENELEC | TC CEN | Requirements for acquiring digital information from victims during search and rescue operations | ICCS / Chair of CWA | Preparation of a CEN Workshop Agreement on digital information during S&R operations |
| CEN/CENELEC | TC CEN | CBRNe SENSOR API Network Protocols, Data Formats and Interfaces | PARTICLE / Chair of CWA | Preparation of a CEN Workshop Agreement on API for CBRNe Sensors |
| CEN/CENELEC | TC CEN | CWA 17947: Urban search and rescue - | ASTRIAL / Chair of CWA | Publication (Nov 2022) of a CEN Workshop |

| | | Guideline for the application of a test method for innovative technologies to detect victims in debris | | Agreement on testing novel technologies for detecting victims |
|---|---|---|---|---|
| | | | | |

Regarding other relevant activities, in the framework of proceeding to liaison activities with related project, NIGHTINGALE established links with the STRATEGY standardisation project (https://strategy-project.eu/). More specifically, the draft CWA "*Requirements for acquiring digital information from victims during search and rescue operations*" is a NIGHTINGALE-related CWA proposed by STRATEGY. On this ground, ICCS proceeded to the organization of a joint workshop of STRATEGY-NIGHTINGALE, during which elements of the draft CWA were further discussed with the chair of this CWA.

This joint workshop took place online on 20.03.2023 and several members of the NIGHTINGALE consortium actively participated in it. Considering the fact that the CWA was not yet finalised at the time of the workshop, the issues discussed with the participants and the comments provided to the CWA chair during the workshop can serve as feedback for the finalization of the CWA. These included:

- The inclusion in the CWA of functional requirements regarding the capability of Digital Triage Solutions to meet the limited time requirements of the primary triage process (provided by partner MDA)
- The inclusion in the CWA of non-functional requirements regarding the capability of the Digital Triage Systems to interoperate with existing digital solutions for Triage and Vital Signs measuring equipment (provided by UCSC)

# 5    Conclusions and future work

This deliverable presents an outline of the pre-normative and pre-standardisation activities undertaken during the first 18-months of the project lifetime. The ultimate purpose of these activities is the alignment of the project outcomes with the current standards landscape. Therefore, the current scene in standardisation is set-up, relevant standards have been identified to be either exploited (if already developed) or monitored (if still under development) and relevant standardisation activities of consortium partners are reported.

Considering the particularly wide range of standards and standard initiatives in the thematic areas of interest to NIGHTINGALE, this Deliverable attempts to identify the most relevant standards (and activities) and somehow group them to facilitate the consortium in reviewing the project outcomes against relevant standards, as originally foreseen in the GA.

In the forthcoming period, project outcomes will keep being reviewed against identified (and other, if relevant) standards, while active participation of consortium partners in (pre-)

standardisation activities in the thematic area of interest to NIGHTINGALE, will keep being encouraged throughout the project duration. Updates on both aspects will be provided in the follow-up deliverable D6.13 (Pre-normative and pre-standardisation activities report – Final).

# Annex I

Standardisation Bodies provide a wide range of standards as well as standard initiatives so as to fill identified gaps in the disaster management, emergency medicine, response platforms, sensorial data, augmented reality and critical communications. Among the numerous standards prepared either within the framework of an EU-funded project or as a standalone activity of an organization or standardisation body, a comprehensive list with the most relevant standards and initiatives with NIGHTINGALE is presented in the following. In an attempt to somehow classify the identified standards for the sake of readability of the provided information, a color coding has been adopted, according to which:

» Rows highlighted with light blue are associated with relevant standards,
» Rows highlighted with blue are associated with highly relevant standards,
» Rows highlighted with light grey are associated with (purely) technical standards and/or standards relevant with device interoperability.

In this list, some standards are already developed and available, while others are currently under development. In some cases, they are already mature enough and relevant technical committees and working groups are about to complete the procedure so that they soon become standards. These "pre-standards" are included in the Table as they are considered of relevance to the project and NIGHTINGALE could benefit by monitoring them.

In the following Table, SDO stands for Standards Development Organisation. In the Level category, INT stands for International, NTL for National, EU for Regional/EU. In the Status Column PU stands for Published and UD stands for Under Development.

*Table 3: NIGHTINGALE-related standards and pre-standards*

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|--------|--------|-----------|
| 1 | 3dP (15-001r4) | OGC | 3D Portrayal Service | Interface standard | 2017 | INT | PU | Community Standard |

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[1] INT (International), EU, NTL (National), Regional/EU, Regional/Non-EU

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| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| 2 | 3D Tiles (18-053r2) | OGC | 3D Tiles | Interface standard | 2019 | INT | PU | Community Standard |
| 3 | ITU-T X.1208 | ITU-T | A cybersecurity indicator of risk to enhance confidence and security in the use of telecommunication/information and communication technologies | Process standard | 2014 | INT | PU | ITU-T SG 17 |
| 4 | ITU-T Y.2243 | ITU | A service model for risk mitigation service based on networks | Process standard | 2019 | INT | PU | |
| 5 | AAMedP-1.8 | NATO | AEROMEDICAL TRAINING OF AIRCREW IN AIRCREW CBRN EQUIPMENT AND PROCEDURES - AAMedP-1.8, EDITION A | Process standard | 2018 | INT | PU | |
| 6 | ISO 8201:2017 | ISO | Alarm systems - Audible emergency evacuation signal - Requirements | Basic standard | 2017 | INT | PU | TC 21 |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| 7 | AJP-3.8 Ed:B | NATO | ALLIED JOINT DOCTRINE FOR CHEMICAL, BIOLOGICAL, RADIOLOGICAL AND NUCLEAR DEFENCE | Process standard | 2018 | INT | PU | Military Committee Joint Standardisation Board (MCJSB) |
| 8 | AJMEDP-7ED.A | NATO | ALLIED JOINT MEDICAL DOCTRINE FOR SUPPORT TO CHEMICAL, BIOLOGICAL, RADIOLOGICAL AND NUCLEAR (CBRN) DEFENSIVE OPERATIONS | Process standard | 2015 | INT | PU | COMEDS |
| 9 | IEEE/ANSI N 42.28*ANSI N 42.28 | IEEE | American National Standard Calibration of Germanium Detectors for In-Situ Gamma-Ray Measurements | Process standard | 2002 | NTL | PU | N42 - National Committee on Radiation Instrumentation |
| 10 | N42.49A-2011 | ANSI | American National Standard for Performance Criteria for Alarming Electronic Personal Emergency Radiation Detectors (PERDs) for Exposure Control | Product standard | 2011 | NTL | PU | N42 - National Committee on Radiation Instrumentation |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| 11 | IEEE/ANSI N 42.49B*ANSI N 42.49B | IEEE | American National Standard for Performance Criteria for Non-alarming Personal Emergency Radiation Detectors (PERDs) for Exposure Control | Process standard | 2013 | NTL | PU | N42 - National Committee on Radiation Instrumentation |
| 12 | IEEE N42.54-2018 | ANSI | American National Standard Instrumentation and Systems for Monitoring Airborne Radioactivity | Product standard | 2018 | NTL | PU | N42 - National Committee on Radiation Instrumentation |
| 13 | IEEE/ANSI N 42.32*ANSI N 42.32 | IEEE | American National Standard Performance Criteria for Alarming Personal Radiation Detectors for Homeland Security | Product standard | 2016 | NTL | PU | N42 |
| 14 | IEEE/ANSI N 42.53*ANSI N 42.53 | IEEE | American National Standard Performance Criteria for Backpack-Based Radiation-Detection Systems Used for Homeland Security | Process standard | 2013 | NTL | PU | N42 - National Committee on Radiation Instrumentation |
| 15 | IEEE/ANSI N | IEEE | American National Standard Performance | Product standard | 2015 | NTL | PU | N42 - National Committee on |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|--------|--------|-----------|
|  | 42.34*ANSI N 42.34 |  | Criteria for Handheld Instruments for the Detection and Identification of Radionuclides |  |  |  |  | Radiation Instrumentation |
| 16 | IEEE/ANSI N 42.43*ANSI N 42.43 | IEEE | American National Standard Performance Criteria for Mobile and Transportable Radiation Monitors Used for Homeland Security | Product standard | 2016 | NTL | PU | N42 - National Committee on Radiation Instrumentation |
| 17 | IEEE N42.48-2018 | ANSI | American National Standard Performance Requirements for Spectroscopic Personal Radiation Detectors (SPRDs) for Homeland Security | Process standard | 2019 | NTL | PU | N42 - National Committee on Radiation Instrumentation |
| 18 | N320-1979 | ANSI | American National Standard Performance Specifications for Reactor Emergency Radiological Monitoring Instrumentation | Process standard | 1979 | NTL | PU | N42 - National Committee on Radiation Instrumentation |
| 19 | IEEE/ANSI N | IEEE | American National Standard Portable | Product standard | 2019 | NTL | PU | N42 - National Committee on |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|-------|--------|-----------|
|  | 42.33*ANSI N 42.33 |  | Exposure Rate Meters For Homeland Security |  |  |  |  | Radiation Instrumentation |
| 20 | N42.60-2019 - IEEE/ANSI | ANSI | American National Standard Training for Radiological/Nuclear Detection for Initial Response | Process standard | 2019 | NTL | PU | N42 - National Committee on Radiation Instrumentation |
| 21 | IEEE N42.37-2016 | ANSI | American National Standard Training for the Radiological/Nuclear Detection Mission | Process standard | 2017 | NTL | PU | N42 - National Committee on Radiation Instrumentation |
| 22 | IEEE 11073-40101-2020 | IEEE | Approved Draft Standard - Health informatics - Device interoperability - Part 40101: Cybersecurity - Processes for vulnerability assessment | Process standard | 2020 | NTL | UD | EMB/11073 - IEEE 11073 Standards Committee |
| 23 | IEEE 11073-40102-2020 | IEEE | Approved Draft Standard - Health informatics - Device interoperability - Part 40102: Cybersecurity - Capabilities for Mitigation | Process standard | 2020 | NTL | UD | EMB/11073 - IEEE 11073 Standards Committee |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|--------|--------|-----------|
| 24 | ITU-T X.1057 | ITU-T | Asset management guidelines in telecommunication organizations | Process standard | 2011 | INT | PU | ITU-T SG 17 |
| 25 | CWA 17515:2020 | CEN/CLC | Building a common simulation space | Basic standard | 2020 | EU | PU | |
| 26 | ISO/AWI IWA 38 | ISO | Building Guideline of Emergency Medical Facility | Basic standard | | INT | UD | |
| 27 | ITU-T X.1209 | ITU | Capabilities and their context scenarios for cybersecurity information sharing and exchange | Process standard | 2010 | INT | PU | ITU-T SG 17 |
| 28 | CEN/TS 16595:2013 | CEN | CBRN - Vulnerability Assessment and Protection of People at Risk | Basic standard | 2013 | EU | PU | 391 |
| 29 | ATP-3.8.1 VOL I | NATO | CBRN DEFENCE ON OPERATIONS - ATP-3.8.1 VOL I | Process standard | 2010 | INT | PU | |
| 30 | ATP-3.8.1 VOL III | NATO | CBRN DEFENCE STANDARDS FOR EDUCATION, TRAINING AND EVALUATION - ATP-3.8.1 VOL III | Process standard | 2014 | INT | PU | |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| 31 | AmedP-7.2 | NATO | CBRN FIRST AID HANDBOOK - AMedP-7.2 EDITION A | Process standard | 2018 | INT | PU | |
| 32 | (WI=0039 1020) | CEN | CBRNE Training Framework: Requirements for CBRNE education and training | Process standard | | EU | UD | CEN/TC 391 |
| 33 | CEN/TS 16595:2013 | CEN | CBRN - Vulnerability Assessment and Protection of People at Risk | Basic Standard | 2013 | INT | PU | CEN/TC 391 |
| 34 | CEN/TS 17159:2018 | CEN | Societal and Citizen Security - Guidance for managing security in healthcare facilities | Service standard | 2018 | INT | PU | CEN/TC 391 |
| 35 | EN 17173:2020 | CEN | European CBRNE glossary | Basic Standard | 2020 | EU | PU | CEN/TC 391 |
| 36 | EN ISO 18557:2020 | CEN | Characterisation principles for soils, buildings and infrastructures contaminated by radionuclides for remediation purposes (ISO 18557:2017) | Basic standard | 2020 | EU | PU | CEN/TC 430 |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| 37 | DAOD 8006-3 | DND - Departament of National Defence Canada | Chemical Biological and Nuclear Defence Capability Development and Sustainment | Basic standard | 2017 | NTL | PU | DND |
| 38 | DAOD 8006-2 | DND - Departament of National Defence Canada | Chemical Biological Radiological and Nuclear Defence Training | Process standard | 2017 | NTL | PU | CSA |
| 39 | AEP-07 | NATO | CHEMICAL, BIOLOGICAL, RADIOLOGICAL AND NUCLEAR (CBRN) CONTAMINATION SURVIVABILITY FACTORS IN THE DESIGN, TESTING AND ACCEPTANCE OF MILITARY EQUIPMENT - AEP-07 EDITION 5 | Basic standard | 2012 | INT | PU | |
| 40 | ATP-84 | NATO | CHEMICAL, BIOLOGICAL, RADIOLOGICAL AND NUCLEAR (CBRN) DEFENCE EQUIPMENT – OPERATIONAL | Process standard | 2014 | INT | PU | |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| | | | GUIDELINES - ATP-84 EDITION B | | | | | |
| 41 | AEP-54 | NATO | COLLECTIVE PROTECTION (COLPRO) IN A CHEMICAL, BIOLOGICAL, RADIOLOGICAL AND NUCLEAR (CBRN) ENVIRONMENT - AEP-54 EDITION B | Process standard | 2011 | INT | PU | |
| 42 | ITU-T X.1303 | ITU-T | Common alerting protocol (CAP 1.1) | Interface standard | 2014 | INT | PU | ITU-T SG 17 |
| 43 | | OASIS | Common Alerting Protocol (CAP) Version 1.2 | Service Standard | 2010 | INT | PU | |
| 44 | ITU-T X.1520 | ITU-T | Common vulnerabilities and exposures | Basic standard | 2011 | INT | PU | ITU-T SG 17 |
| 45 | CWA 17513:2020 | CEN/CLC | Crisis and disaster management - Semantic and syntactic interoperability | Basic standard | 2020 | EU | PU | |
| 46 | CEN/TS 17091:2018 | CEN | Crisis management - Guidance for developing a strategic capability | Basic standard | 2018 | EU | PU | 391 |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| 47 | BS 11200:2014 | BSI | Crisis management. Guidance and good practice | Process standard | 2014 | NTL | PU | SSM/1 |
| 48 | UNI/PdR 6:2014 | UNI | Critical Infrastructure - Resilience Management System - Requirements | Process standard | 2014 | NTL | PU | |
| 49 | CEPT/ECC /REC/(16) 03 | CEPT | Cross-border coordination for Broadband Public Protection and Disaster Relief (BB-PPDR) systems in the frequency band 698 to 791 MHz | Process standard | 2016 | EU | PU | |
| 50 | DIN SPEC 91287 | DIN | Data interchange between information systems in civil hazard prevention | Interface standard | 2012 | NTL | PU | |
| 51 | OENORM D 2305 | ONORM | Decontamination of individuals after CBRN incidents - Requirements for on-scene emergency decontamination | Process standard | 2013 | NTL | PU | |
| 52 | prÖNORM D 2305 | ASI | Decontamination of individuals after CBRN incidents - | Process Standard | 2020 | NTL | UD | Komitee 246 - Societal Security |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| | | | Requirements for on-scene emergency decontamination | | | | | |
| 53 | ÖNORM D 2306 | ASI | Decontamination of individuals after CBRN incidents - Requirements for on-scene emergency decontamination | Process Standard | | NTL | UD | Komitee 246 - Societal Security |
| 54 | TS 122 268 | ETSI | Digital Cellular telecommunications systems (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Public Warning System (PWS) requirements | Interface standard | 2018 | EU | PU | ETSI TC EMTEL |
| 55 | ITU-T H.785.0 | ITU-T | Digital signage: Requirements of disaster information services | Process standard | 2014 | INT | PU | ITU-T SG16 |
| 56 | ITU-R M.1042-3 | ITU-T | Disaster communications in the amateur and amateur-satellite services | Process standard | 2007 | INT | PU | FG-DR&NRR |
| 57 | ITU-T L.392 | ITU-T | Disaster management for improving network | Process standard | 2016 | INT | PU | ITU-T SG15 |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
|   |      |     | resilience and recovery with movable and deployable information and communication technology (ICT) resource units |                   |      |          |        |           |
| 58 | SANS 10264-2 | SABS | Disaster management Part 2: All-risk emergency operation planning | Basic standard | 2009 | NTL | PU | South Africa Standards |
| 59 | EN 13204:2016 | CEN | Double acting hydraulic rescue tools for fire and rescue service use - Safety and performance requirements | Basic standard | 2016 | EU | PU | 192 |
| 60 | ETSI TR 102 496 V 1.1.1 | ETSI | Electromagnetic compatibility and Radio spectrum Matters (ERM) - Short Range Devices (SRD) - Technical characteristics for indoor Location Application for Emergency Services (LAES) in disaster situations operating | Product standard | 2005 | EU | PU | ERM |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
|   |      |     | within the frequency range from 3 GHz to 5 GHz - System Reference Document |   |   |   |   |   |
| 61 | ETSI TR 102 496 V 2.1.1 | ETSI | Electromagnetic compatibility and Radio spectrum Matters (ERM) - System Reference Document - Short Range Devices (SRD) - Technical characteristics for Location tracking Applications for Emergency Services (LAES) in disaster situations operating within the frequency range from 3,4 GHz to 4,8 GHz | Product standard | 2009 | EU | PU | ERM |
| 62 | ETSI TR 102 485 V 1.1.1 | ETSI | Electromagnetic compatibility and Radio spectrum Matters (ERM) - Technical characteristics for Broadband Disaster Relief applications (BB-DR) for emergency | Interface standard | 2006 | EU | PU | ERM |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|---|---|---|---|---|---|---|---|
| | | | services in disaster situations - System Reference Document | | | | | |
| 63 | ATP-85 | NATO | EMERGENCY ALARMS OF HAZARD OR ATTACK (CBRN AND AIR ATTACK ONLY) - ATP-85 EDITION A | Basic standard | 2013 | INT | PU | |
| 64 | CSA Z1600-17 | CSA Group Canada | Emergency and continuity management program | Basic standard | 2017 | NTL | PU | CSA |
| 65 | DIN VDE V 0827-2*VDE V 0827-2 | DKE | Emergency and danger systems - Part 2: Emergency and danger response systems - Additional requirements for Emergency- and Hazard-Intercom | Process standard | 2016 | NTL | PU | German Commission for Electrical, Electronic and Information Technologies of DIN and VDE |
| 66 | ETSI TR 102 410 V 1.1.1 | ETSI | Emergency Communications (EMTEL); Basis of requirements for communications between individuals and between individuals and authorities whilst | Process standard | 2007 | EU | PU | EMTEL |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|--------|--------|-----------|
| | | | emergencies are in progress | | | | | |
| 67 | ETSI TR 102 445 V 1.1.1 | ETSI | Emergency Communications (EMTEL); Overview of Emergency Communications Network Resilience and Preparedness | Process standard | 2006 | EU | PU | EMTEL |
| 68 | ETSI TR 103 393 V1.1.1 | ETSI | Emergency Communications (EMTEL); Advanced Mobile Location for emergency calls | Interface standard | 2016 | EU | PU | ETSI TC EMTEL |
| 69 | ETSI TR 102 850 V1.1.1 | ETSI | Emergency Communications (EMTEL); Analysis of Mobile Device Functionality for PWS | Interface standard | 2010 | EU | PU | ETSI TC EMTEL |
| 70 | ETSI TR 102 444 V1.1.1 | ETSI | Emergency Communications (EMTEL); Analysis of the Short Message Service (SMS) and Cell Broadcast Service (CBS) for Emergency Messaging applications; | Interface standard | 2006 | EU | PU | ETSI TC EMTEL |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| | | | Emergency Messaging; SMS and CBS | | | | | |
| 71 | ETSI TR 102 180 V1.5.1 | ETSI | Emergency Communications (EMTEL); Basis of requirements for communication of individuals with authorities/organizations in case of distress (Emergency call handling) | Interface standard | 2015 | EU | PU | ETSI TC EMTEL |
| 72 | ETSI TR 102 299 V1.4.1 | ETSI | Emergency Communications (EMTEL); Collection of European Regulatory Texts and orientations | Interface standard | 2019 | EU | PU | ETSI TC EMTEL |
| 73 | ETSI TS 103 479 V1.1.1 | ETSI | Emergency Communications (EMTEL); Core elements for network independent access to emergency services | Interface standard | 2019 | EU | PU | ETSI TC EMTEL |
| 74 | ETSI TR 102 476 V1.1.1 | ETSI | Emergency Communications (EMTEL); Emergency calls and VoIP: possible short and long | Interface standard | 2008 | EU | PU | ETSI TC EMTEL |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| | | | term solutions and standardisation activities | | | | | |
| 75 | ETSI TS 102 900 V1.3.1 | ETSI | Emergency Communications (EMTEL); European Public Warning System (EU-ALERT) using the Cell Broadcast Service | Interface standard | 2019 | EU | PU | ETSI TC EMTEL |
| 76 | ETSI TR 103 335 V1.1.1 | ETSI | Emergency Communications (EMTEL); Guidelines for alert message content accessibility | Interface standard | 2017 | EU | PU | ETSI TC EMTEL |
| 77 | ETSI TS 103 478 V1.2.1 | ETSI | Emergency Communications (EMTEL); Pan-European Mobile Emergency Application | Interface standard | 2020 | EU | PU | ETSI TC EMTEL |
| 78 | ETSI TR 103 273 V1.1.1 | ETSI | Emergency Communications (EMTEL); Recommendations for public warning making use of pre-defined libraries | Interface standard | 2016 | EU | PU | ETSI TC EMTEL |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| 79 | TS 102 181 V1.3.1 | ETSI | Emergency Communications (EMTEL); Requirements for communication between authorities/organizations during emergencies | Process standard | 2020 | EU | PU | ETSI TC EMTEL |
| 80 | TS 102 182 V1.5.1 | ETSI | Emergency Communications (EMTEL); Requirements for communications from authorities/organizations to individuals, groups or the general public during emergencies | Process standard | 2020 | EU | PU | ETSI TC EMTEL |
| 81 | ETSI TR 103 582 V1.1.1 | ETSI | Emergency Communications (EMTEL); Study of use cases and communications involving IoT devices in provision of emergency situations | Interface standard | 2019 | EU | PU | ETSI TC EMTEL |
| 82 | ETSI SR 002 777 V1.1.1 | ETSI | Emergency Communications (EMTEL); Test/verification | Testing standard | 2010 | EU | PU | ETSI TC EMTEL |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|-------|--------|-----------|
| | | | procedure for emergency calls | | | | | |
| 83 | ETSI TS 101 470 V1.1.1 | ETSI | Emergency Communications (EMTEL); Total Conversation Access to Emergency Services | Interface standard | 2013 | EU | PU | ETSI TC EMTEL |
| 84 | ETSI TR 103 201 V1.1.1 | ETSI | Emergency Communications (EMTEL); Total Conversation for emergency communications; implementation guidelines | Interface standard | 2016 | EU | PU | ETSI TC EMTEL |
| 85 | TS 103 625 | ETSI | Emergency Communications (EMTEL); Transporting Handset Location to PSAPs for Emergency Calls - Advanced Mobile Location | Interface standard | 2019 | EU | PU | ETSI TC EMTEL |
| 86 | DIN SPEC 91291 | DIN | Emergency concept for the protection of sensitive logistics hubs - Configuration, simulation and implementation | Process standard | 2013 | NTL | PU | DIN SPEC (PAS, CWA) |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|--------|--------|-----------|
| 87 | OASIS | OASIS | Emergency Data Exchange Language Resource Messaging (EDXL-RM) v1.0 | Service Standard | 2009 | INT | PU | |
| 88 | OASIS | OASIS | Emergency Data Exchange Language Situation Reporting (EDXL-SitRep) Version 1.0 | Service Standard | 2012 | INT | PU | |
| 89 | SANS ARP 5 | SABS | Emergency preparedness | Basic standard | 2010 | NTL | PU | South Africa Standards |
| 90 | AWWA G 440-17 | AWWA | Emergency Preparedness Practices | Basic standard | 2011 | NTL | PU | AWWA |
| 91 | ANSI/ASSE A 10.26 | ANSI | Emergency Procedures for Construction and Demolition Sites | Process Standard | 2011 | NTL | PU | ANSI |
| 92 | ANSI/ATIS 0500002 | ANSI | Emergency Services Messaging Interface (ESMI) | Interface standard | 2008 | NTL | PU | ANSI |
| 93 | ITU-T E.107 | ITU | Emergency Telecommunications Service (ETS) and interconnection framework for national implementations of ETS | Interface standard | 2007 | INT | PU | |
| 94 | DIN VDE V 0827- | DKE | Emergency und danger systems - Part 1: | Process standard | 2016 | NTL | PU | German Commission |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|--------|--------|-----------|
| | 1*VDE V 0827-1 | | Emergency and danger response systems - Basic requirements, duties, responsibilities and activities | | | | | for Electrical, Electronic and Information Technologies of DIN and VDE |
| 95 | EN ISO 11064-1:2000 | CEN | Ergonomic design of control centres - Part 1: Principles for the design of control centres | Basic standard | 2000 | EU | PU | CEN/TC 122 |
| 96 | EN ISO 11064-2:2000 | CEN | Ergonomic design of control centres - Part 2: Principles for the arrangement of control suite | Product standard | 2000 | EU | PU | CEN/TC 122 |
| 97 | EN ISO 11064-3:1999 | CEN | Ergonomic design of control centres - Part 3: Control room layout | Product standard | 1999 | EU | PU | CEN/TC 122 |
| 98 | EN ISO 11064-4:2013 | CEN | Ergonomic design of control centres - Part 4: Layout and dimensions of workstations | Product standard | 2013 | EU | PU | CEN/TC 122 |
| 99 | EN ISO 11064-5:2008 | CEN | Ergonomic design of control centres - Part 5: Displays and controls | Interface standard | 2008 | EU | PU | CEN/TC 122 |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| 100 | EN ISO 11064-6:2005 | CEN | Ergonomic design of control centres - Part 6: Environmental requirements for control centres | Testing standard | 2005 | EU | PU | CEN/TC 122 |
| 101 | EN ISO 11064-7:2006 | CEN | Ergonomic design of control centres - Part 7: Principles for the evaluation of control centres | Testing standard | 2006 | EU | PU | CEN/TC 122 |
| 102 | ITU-T K.81 - ITU-T K Suppl. 5 | ITU-T | Estimation examples of the high-power electromagnetic threat and vulnerability for telecommunication systems | Process standard | 2016 | INT | PU | ITU-T SG5 |
| 103 | EN 17173:2020 | CEN | European CBRNE glossary | Terminology standard | 2020 | EU | PU | 391 |
| 104 | EN 15269-1:2019 | CEN | Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building | Testing standard | 2019 | EU | PU | CEN/TC 127 |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|---|---|---|---|---|---|---|---|
| | | | hardware - Part 1: General requirements | | | | | |
| 105 | EN 15269-1:2019/AC:2020 | CEN | Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware - Part 1: General requirements | Testing standard | 2020 | EU | PU | CEN/TC 127 |
| 106 | AS/NZS 1336:2014 | AS/NZS | Eye and face protection - Guidelines | Basic standard | 2014 | Regional/Non EU | PU | Australian Standard |
| 107 | ISA-TR92.06.03 | ISA | Feasibility of Chlorine Detection Instrument Testing | Testing standard | 2008 | INT | PU | |
| 108 | ITU-T X.1036 | ITU-T | Framework for creation, storage, distribution and enforcement of policies for network security | Process standard | 2007 | INT | PU | ITU-T SG 17 |
| 109 | PAS 2015:2010 | BSI | Framework for health services resilience | Process standard | 2010 | NTL | PU | |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|-------|--------|-----------|
| 110 | ITU-T L Supplement 35 | ITU | Framework of disaster management for network resilience and recovery | Process standard | 2017 | INT | PU | |
| 111 | ITU-T Y.1271 | ITU | Framework(s) on network requirements and capabilities to support emergency telecommunications over evolving circuit-switched and packet-switched networks | Process standard | 2014 | INT | PU | |
| 112 | ITU-R M.2015- 2 | ITU | Frequency arrangements for public protection and disaster relief radiocommunication systems in accordance with Resolution 646 (Rev.WRC-15) | Process standard | 2018 | INT | PU | |
| 113 | ITU-T M.496 | ITU-T | Functional organization for automatic transmission restoration | Process standard | 1988 | INT | PU | ITU-T SG2 |
| 114 | ITU-R M.1637-1 | ITU-T | Global cross-border circulation of radiocommunication equipment for use in | Process standard | 2019 | INT | PU | ITU-T SG 5 |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| | | | emergency and disaster relief situations | | | | | |
| 115 | CEN/TR 15321:2006 | CEN | Guidelines on the selection, use, care and maintenance of protective clothing | Basic standard | 2006 | EU | PU | 162 |
| 116 | ITU-R M.1826-0 | ITU-T | Harmonized frequency channel plan for broadband public protection and disaster relief operations at 4 940-4 990 MHz in Regions 2 and 3 | Process standard | 2007 | INT | PU | ITU-T SG1 |
| 117 | NFPA 400-2019 | NFPA | Hazardous Materials Code | Basic standard | 2019 | NTL | PU | NFPA (National Fire Protection Association) |
| 118 | EN 14485:2003 | CEN | Health informatics - Guidance for handling personal health data in international applications in the context of the EU data protection directive | process standard | 2003 | EU | PU | CEN/TC 251 Health Informatics |
| 119 | CEN/TR 15872:2014 | CEN | Health informatics - Guidance on patient identification and | Process standard | 2014 | EU | PU | CEN/TC 251 Health Informatics |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|---|---|---|---|---|---|---|---|
| | | | cross-referencing of identities | | | | | |
| 120 | EN 14484:2003 | CEN | Health informatics - International transfer of personal health data covered by the EU data protection directive - High level security policy | process standard | 2003 | EU | PU | CEN/TC 251 Health Informatics |
| 121 | CEN/TR 15299:2006 | CEN | Health informatics - Safety procedures for identification of patients and related objects | process standard | 2006 | EU | PU | CEN/TC 251 Health Informatics |
| 122 | EN 17269:2019 | CEN | Health informatics - The International Patient Summary | Basic standard | 2019 | EU | PU | CEN/TC 251 Health Informatics |
| 123 | CEN/TS 17288:2020 | CEN | Health informatics - The International Patient Summary - Guideline for European Implementation | Process standard | 2020 | EU | PU | CEN/TC 251 Health Informatics |
| 124 | IEEE 802.15.4v-2017 | IEEE | IEEE Standard for Low-Rate Wireless Networks - Amendment 5: Enabling/Updating the | Product standard | 2017 | NTL | PU | C/LM - LAN/MAN Standards Committee |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|---|---|---|---|---|---|---|---|
| | | | Use of Regional Sub-GHz Bands | | | | | |
| 125 | S-63 | IHO | IHO Data Protection Scheme (Edition 1.2.1, March 2020) | Standard on data | 2020 | INT | PU | |
| 126 | S-57 | IHO | IHO Data Protection Scheme (Edition 1.2.1, March 2020) | Interface standard | 2000 | INT | PU | |
| 127 | ITU-T E.409 | ITU-T | Incident organization and security incident handling: Guidelines for telecommunication organizations | Process standard | 2004 | INT | PU | ITU-T SG 17 |
| 128 | ISO 27001:2018 | ISO | Information Security Management | Process standard | 2018 | INT | PU | |
| 129 | ITU-T X.1052 | ITU-T | Information security management framework | Process standard | 2011 | INT | PU | ITU-T SG 17 |
| 130 | ISO/IEC 27005:2018 | ISO | Information technology - Security techniques - Information security risk management | Process standard | 2018 | INT | PU | |
| 131 | ISO/IEC 24745:2011 | ISO/IEC | Information technology - Security techniques - Biometric information protection | Basic standard | 2011 | INT | PU | ISO/IEC JTC 1/SC 27 |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| 132 | ISO/IEC 27002:2013 | ISO/IEC | Information technology - Security techniques - Code of practice for information security controls | Basic standard | 2013 | INT | PU | ISO/IEC JTC 1/SC 27 |
| 133 | EN ISO/IEC 27002:2017 | CEN/CLC | Information technology - Security techniques - Code of practice for information security controls (ISO/IEC 27002:2013 including Cor 1:2014 and Cor 2:2015) | Basic standard | 2017 | EU | PU | JTC1 (ISO/IEC) |
| 134 | ISO/IEC 27017:2015 | ISO/IEC | Information technology - Security techniques - Code of practice for information security controls based on ISO/IEC 27002 for cloud services | Basic standard | 2015 | INT | PU | ISO/IEC JTC 1/SC 27 |
| 135 | ISO/IEC 27011:2016 | ISO/IEC | Information technology - Security techniques - Code of practice for Information security controls based on ISO/IEC 27002 for telecommunications organizations | Basic standard | 2016 | INT | PU | ISO/IEC JTC 1/SC 27 |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|---|---|---|---|---|---|---|---|
| 136 | ISO/IEC 19896-1:2018 | ISO/IEC | Information technology - Security techniques - Competence requirements for information security testers and evaluators - Part 1: Introduction, concepts and general requirements | Basic standard | 2018 | INT | PU | ISO/IEC JTC 1/SC 27 |
| 137 | ISO/IEC 19896-2:2018 | ISO/IEC | Information technology - Security techniques - Competence requirements for information security testers and evaluators - Part 2: Knowledge, skills and effectiveness requirements for ISO/IEC 19790 testers | Basic standard | 2018 | INT | PU | ISO/IEC JTC 1/SC 27 |
| 138 | ISO/IEC 19896-3:2018 | ISO/IEC | Information technology - Security techniques - Competence requirements for information security testers and evaluators - Part 3: Knowledge, skills and effectiveness requirements for | Basic standard | 2018 | INT | PU | ISO/IEC JTC 1/SC 27 |

| # | Name | SDO | Standard Title | Standard Category | Year | Level¹ | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|--------|--------|-----------|
| | | | ISO/IEC 15408 evaluators | | | | | |
| 139 | ISO/IEC 19989:2020 | ISO/IEC | Information technology - Security techniques - Criteria and methodology for security evaluation of biometric systems | Basic standard | 2020 | INT | PU | ISO/IEC JTC 1/SC 27 |
| 140 | ISO/IEC 19989-1:2020 | ISO/IEC | Information technology - Security techniques - Criteria and methodology for security evaluation of biometric systems - Part 1: Performance | Basic standard | 2020 | INT | PU | ISO/IEC JTC 1/SC 27 |
| 141 | ISO/IEC 19989-2:2020 | ISO/IEC | Information technology - Security techniques - Criteria and methodology for security evaluation of biometric systems - Part 2: Presentation attack detection | Basic standard | 2020 | INT | PU | ISO/IEC JTC 1/SC 27 |
| 142 | EN ISO/IEC 15408-1:2020 | CEN/CLC | Information technology - Security techniques - Evaluation criteria for IT security - Part 1: Introduction and | Basic standard | 2020 | EU | PU | JTC1 (ISO/IEC) |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| | | | general model (ISO/IEC 15408-1:2009) | | | | | |
| 143 | ITU-T X.1054 | ITU-T | Information technology - Security techniques - Governance of information security | Process standard | 2012 | INT | PU | ITU-T SG 17 |
| 144 | ISO/IEC 27041:2015 | ISO | Information technology - Security techniques - Guidance on assuring suitability and adequacy of incident investigative method | Basic standard | 2015 | INT | PU | |
| 145 | EN ISO/IEC 27041:2016 | CEN/CLC | Information technology - Security techniques - Guidance on assuring suitability and adequacy of incident investigative method (ISO/IEC 27041:2015) | Basic standard | 2016 | EU | PU | JTC1 (ISO/IEC) |
| 146 | ISO/IEC 27013:2015 | ISO/IEC | Information technology - Security techniques - Guidance on the integrated implementation of ISO/IEC 27001 and ISO/IEC 20000-1 | Basic standard | 2015 | INT | PU | ISO/IEC JTC 1/SC 27 |
| 147 | ISO/IEC TR | ISO/IEC | Information technology - Security techniques - | Basic standard | 2011 | INT | PU | ISO/IEC JTC 1/SC 27 |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| | 27008:2011 | | Guidelines for auditors on information security controls | | | | | |
| 148 | ISO/IEC 27031:2011 | ISO/IEC | Information technology - Security techniques - Guidelines for information and communication technology readiness for business continuity | Basic standard | 2011 | INT | PU | ISO/IEC JTC 1/SC 27 |
| 149 | ISO/IEC 24762: 2008 | ISO | Information technology - Security techniques - Guidelines for information and communications technology disaster recovery services | Service Standard | 2008 | INT | PU | |
| 150 | ISO/IEC 27007:2011 | ISO/IEC | Information technology - Security techniques - Guidelines for information security management systems auditing | Basic standard | 2011 | INT | PU | ISO/IEC JTC 1/SC 27 |
| 151 | ISO/IEC TS 20540:2018 | ISO/IEC | Information technology - Security techniques - Guidelines for testing cryptographic modules | Basic standard | 2018 | INT | PU | ISO/IEC JTC 1/SC 27 |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|---|---|---|---|---|---|---|---|
| | | | in their operational environment | | | | | |
| 152 | ISO/IEC TS 27008:2019 | ISO/IEC | Information technology - Security techniques - Guidelines for the assessment of information security controls | Basic standard | 2019 | INT | PU | ISO/IEC JTC 1/SC 27 |
| 153 | ISO/IEC 27043:2015 | ISO/IEC | Information technology - Security techniques - Incident investigation principles and processes | Basic standard | 2015 | INT | PU | ISO/IEC JTC 1/SC 30 |
| 154 | EN ISO/IEC 27043:2016 | CEN/CLC | Information technology - Security techniques - Incident investigation principles and processes (ISO/IEC 27043:2015) | Basic standard | 2016 | EU | PU | JTC1 (ISO/IEC) |
| 155 | ISO/IEC 27019:2019 | ISO/IEC | Information technology - Security techniques - Information security controls for the energy utility industry | Basic standard | 2019 | INT | UD | ISO/IEC JTC 1/SC 27 |
| 156 | EN ISO/IEC 27019:2020 | CEN/CLC | Information technology - Security techniques - Information security controls for the energy | Basic standard | 2020 | EU | PU | JTC1 (ISO/IEC) |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| | | | utility industry (ISO/IEC 27019:2017, Corrected version 2019-08) | | | | | |
| 157 | ISO/IEC 27035-1:2016 | ISO/IEC | Information technology - Security techniques - Information security incident management - Part 1: Principles of incident management | Basic standard | 2016 | INT | PU | ISO/IEC JTC 1/SC 28 |
| 158 | ISO/IEC 27035-2:2016 | ISO/IEC | Information technology - Security techniques - Information security incident management - Part 2: Guidelines to plan and prepare for incident response | Basic standard | 2016 | INT | PU | ISO/IEC JTC 1/SC 29 |
| 159 | ISO/IEC 27004:2016 | ISO/IEC | Information technology - Security techniques - Information security management - Monitoring, measurement, analysis and evaluation | Basic standard | 2016 | INT | PU | ISO/IEC JTC 1/SC 27 |
| 160 | ISO/IEC 27010:2015 | ISO/IEC | Information technology - Security techniques - Information security management for inter-sector and inter- | Basic standard | 2015 | INT | PU | ISO/IEC JTC 1/SC 27 |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|---|---|---|---|---|---|---|---|
| | | | organizational communications | | | | | |
| 161 | ISO/IEC TR 27019:2013 | ISO/IEC | Information technology - Security techniques - Information security management guidelines based on ISO/IEC 27002 for process control systems specific to the energy utility industry | Basic standard | 2013 | INT | PU | ISO/IEC JTC 1/SC 27 |
| 162 | ISO/IEC 27003:2010 | ISO/IEC | Information technology - Security techniques - Information security management system implementation guidance | Basic standard | 2010 | INT | PU | ISO/IEC JTC 1/SC 27 |
| 163 | ISO/IEC 27000:2016 | ISO/IEC | Information technology - Security techniques - Information security management systems - Overview and vocabulary | Terminology standard | 2016 | INT | PU | ISO/IEC JTC 1/SC 27 |
| 164 | EN ISO/IEC 27000:2020 | CEN/CLC | Information technology - Security techniques - Information security management systems - Overview and | Terminology standard | 2020 | EU | PU | JTC1 (ISO/IEC) |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|---------|--------|-----------|
| | | | vocabulary (ISO/IEC 27000:2018) | | | | | |
| 165 | ISO/IEC 27001:2013 | ISO/IEC | Information technology - Security techniques - Information security management systems - Requirements | Process standard | 2013 | INT | PU | ISO/IEC JTC 1/SC 27 |
| 166 | EN ISO/IEC 27001:2017 | CEN/CLC | Information technology - Security techniques - Information security management systems - Requirements (ISO/IEC 27001:2013 including Cor 1:2014 and Cor 2:2015) | Basic standard | 2017 | EU | PU | JTC1 (ISO/IEC) |
| 167 | EN ISO/IEC 18045:2020 | CEN/CLC | Information technology - Security techniques - Methodology for IT security evaluation (ISO/IEC 18045:2008) | Basic standard | 2020 | EU | PU | JTC1 (ISO/IEC) |
| 168 | EN ISO/IEC 29100:2020 | CEN/CLC | Information technology - Security techniques - Privacy framework (ISO/IEC 29100:2011, including Amd 1:2018) | Basic standard | 2020 | EU | PU | JTC1 (ISO/IEC) |
| 169 | ISO/IEC TR | ISO/IEC | Information technology - Security techniques - Refining software | Basic standard | 2015 | INT | PU | ISO/IEC JTC 1/SC 27 |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| | 20004:20 15 | | vulnerability analysis under ISO/IEC 15408 and ISO/IEC 18045 | | | | | |
| 170 | ISO/IEC 27006:20 15 | ISO/IEC | Information technology - Security techniques - Requirements for bodies providing audit and certification of information security management systems | Process standard | 2015 | INT | PU | ISO/IEC JTC 1/SC 27 |
| 171 | ISO/IEC TR 19791:20 10 | ISO/IEC | Information technology - Security techniques - Security assessment of operational systems | Basic standard | 2010 | INT | PU | ISO/IEC JTC 1/SC 27 |
| 172 | ISO/IEC 19792:20 09 | ISO/IEC | Information technology - Security techniques - Security evaluation of biometrics | Basic standard | 2009 | INT | PU | ISO/IEC JTC 1/SC 27 |
| 173 | EN ISO/IEC 30111:20 20 | CEN/CLC | Information technology - Security techniques - Vulnerability handling processes (ISO/IEC 30111:2019) | Basic standard | 2020 | EU | PU | JTC1 (ISO/IEC) |
| 174 | IEEE 802.11 | IEEE | Information technology-- Telecommunications and information exchange between | Interface standard | 2016 | NTL | PU | C/LM - LAN/MAN Standards Committee |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|---------------|-------------------|------|-------|--------|-----------|
| | | | systems Local and metropolitan area networks--Specific requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications | | | | | |
| 175 | ÖNORM S 2303 | ASI | Integrated disaster management - Method for comparing terms, designations and definitions | Terminology Standard | | NTL | UD | Komitee 246 - Societal Security |
| 176 | ÖNORM S 2308 | ASI | Integrated disaster management - Tactical graphics | Terminology Standard | 2015 | NTL | PU | Komitee 246 - Societal Security |
| 177 | OENORM S 2304:2018 | ONORM | Integrated disaster management - Terms and definitions | Terminology standard | 2018 | NTL | PU | |
| 178 | ISO/TR 19083-1:2016 | ISO | Intelligent transport systems - Emergency evacuation and disaster response and recovery - Part 1: Framework and concept of operation | Basic standard | 2016 | INT | PU | |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| 179 | IEEE/IEC 60980-344-2020 | IEC/IEEE | International Approved Draft Standard - Nuclear Facilities - Equipment Important to Safety - Seismic Qualification | Product standard | 2020 | INT | PU | PE/NPE - Nuclear Power Engineering |
| 180 | ITU-T E.106 | ITU-T | International Emergency Preference Scheme (IEPS) for disaster relief operations | Process standard | 2003 | INT | PU | ITU-T SG2 |
| 181 | 63147-2017 - IEEE/IEC | IEC/IEEE | International Standard - Criteria for accident monitoring instrumentation for nuclear power generating stations | Product standard | 2017 | INT | PU | PE/NPE - Nuclear Power Engineering |
| 182 | AEODP-8 | NATO | INTERSERVICE CHEMICAL, BIOLOGICAL ,RADIOLOGICAL AND NUCLEAR EXPLOSIVE ORDNANCE DISPOSAL OPERATIONS (CBRN EOD) ON MULTINATIONAL | Process standard | 2011 | INT | PU | |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| | | | DEPLOYMENTS – AEODP-8 EDITION B | | | | | |
| 183 | BS 10175:2011+A2:2017 | BSI | Investigation of potentially contaminated sites. Code of practice | Process standard | 2017 | NTL | PU | EH/4 |
| 184 | CEPT/ECC /REC/(11) 10 | CEPT | Location tracking application for emergency and disaster situations | Interface standard | 2011 | EU | PU | |
| 185 | AAMI TIR68:2018 | AAMI | Low and intermediate-level disinfection in healthcare settings for medical devices and patient care equipment and sterile processing environmental surfaces | Interface standard | 2018 | NTL | PU | |
| 186 | LoRaWan | LoRA Alliance | Low Power Wide Area Network (LPWAN) specification | Interface standard | 2018 | INT | PU | |
| 187 | ICAO 9962 | ICAO | Manual on accident and incident investigations policies and procedures | Process standard | 2011 | INT | PU | |
| 188 | ICAO 10053-1 | ICAO | Manual on Protection of Safety Information - Part I - Protection of | Process standard | 2016 | INT | PU | |

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| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| | | | Accident and Incident Investigation Records. | | | | | |
| 189 | ICAO 9946 | ICAO | Manual on Regional Accident and Incident Investigation Organization | Process standard | 2011 | INT | PU | |
| 190 | ISO 14971:2019 | ISO | Medical devices - Application of risk management to medical devices | Basic standard | 2019 | INT | PU | TC 210 |
| 191 | ISO 13485:2016 | ISO | Medical devices - Quality management systems - Requirements for regulatory purposes | Product standard | 2016 | INT | PU | TC 210 |
| 192 | EN 13718-1:2014+A1:2020 | CEN | Medical vehicles and their equipment - Air ambulances - Part 1: Requirements for medical devices used in air ambulances | Product standard | 2020 | EU | PU | CEN/TC 239 Rescue systems |
| 193 | EN 13718-2:2015+A1:2020 | CEN | Medical vehicles and their equipment - Air ambulances - Part 2: Operational and technical requirements for air ambulances | Product standard | 2020 | EU | PU | CEN/TC 239 Rescue systems |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| 194 | EN 1789:2020 | CEN | Medical vehicles and their equipment - Road ambulances | Product standard | 2020 | EU | PU | CEN/TC 239 Rescue systems |
| 195 | TS 8375 | TSE | Military protective boot- Against, nuclear, biological and chemical (NBC) weapons | Product standard | 1990 | NTL | PU | Turkish Standard |
| 196 | TS 8376 | TSE | Military protective glove- Against, nuclear, biological and chemical (NBC) weapons | Product standard | 1990 | NTL | PU | Turkish Standard |
| 197 | ITU-T Y.2705 | ITU-T | Minimum security requirements for the interconnection of the Emergency Telecommunications Service (ETS) | Process standard | 2013 | INT | PU | ITU-T SG 13 |
| 198 | ITU-T K.115 | ITU-T | Mitigation methods against electromagnetic security threats | Process standard | 2015 | INT | PU | ITU-T SG5 |
| 199 | EIA/TIA-1196 | EIA (Electronic Industries Alliance) | Multimedia Priority Service (MMPS) for MMD-based Networks-Stage 1 Requirements | Service Standard | 2011 | NTL | PU | EIA |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| 200 | WI 00352040 | CEN | Nanotechnologies - Quick start guide for deploying a relevant nano health and safety risk management | Process standard | | EU | UD | CEN/TC 352 - Nanotechnologies |
| 201 | AMedP-7.5 | NATO | NATO PLANNING GUIDE FOR THE ESTIMATION OF CHEMICAL, BIOLOGICAL, RADIOLOGICAL AND NUCLEAR (CBRN) CASUALTIES - AMedP-7.5 EDITION A | Process standard | 2017 | INT | PU | |
| 202 | ITU-T Q.1950 (2002) Amd. 1 | ITU | New Annex G - Call bearer control - International Emergency Preference Scheme | Process standard | 2006 | INT | PU | |
| 203 | ITU-T H.248.81 Amd.1 | ITU | New Appendix II, plus additions and corrections | Product standard | 2013 | INT | PU | |
| 204 | ASTM WK42642 | ASTM | New Practice for Standard Practice for Field Evaluation of On-Site Biological Assessment | Process standard | | INT | UD | ASTM E54 |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| 205 | ASTM WK46895 | ASTM | New Specification for Standard Specification for Biodetection Instruments and Assays for Homeland Security Applications | Product standard | | INT | UD | ASTM E54 |
| 206 | ITU-T Y.2205 | ITU | Next Generation Networks - Emergency telecommunications - Technical considerations | Interface standard | 2011 | INT | PU | |
| 207 | GOST R 12.4.296 | GOST | Occupational safety standards system. Clothing for protection against biological hazards (insects and arachnids). General technical requirements. Test methods | Testing standard | 2013 | NTL | PU | |
| 208 | ARML2.0 | OGC | OGC® Augmented Reality Markup Language 2.0 (ARML 2.0) | Interface standard | 2015 | INT | PU | Community Standard |
| 209 | | OASIS | Open Data Protocol (OData) v4.0 | Service Standard | 2013 | INT | PU | |
| 210 | AEP-38 | NATO | OPERATIONAL REQUIREMENTS, TECHNICAL | Process standard | 1998 | INT | PU | |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| | | | SPECIFICATIONS AND EVALUATION CRITERIA FOR CBRN PROTECTIVE CLOTHING - AEP-38 EDITION B | | | | | |
| 211 | VDI 4055 | VDI | Operational safety management | Process standard | 2018 | NTL | PU | VDI Society Energy and Environment |
| 212 | ITU-T X.1210 | ITU-T | Overview of source-based security troubleshooting mechanisms for Internet protocol-based networks | Process standard | 2014 | INT | PU | ITU-T SG 17 |
| 213 | EN 1865-1:2010+A1:2015 | CEN | Patient handling equipment used in road ambulances - Part 1: General stretcher systems and patient handling equipment | Product standard | 2015 | EU | PU | CEN/TC 239 Rescue systems |
| 214 | EN 1865-2:2010+A1:2015 | CEN | Patient handling equipment used in road ambulances - Part 2: Power assisted stretcher | Product standard | 2015 | EU | PU | CEN/TC 239 Rescue systems |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|---------|--------|-----------|
| 215 | EN 1865-3:2012+A1:2015 | CEN | Patient handling equipment used in road ambulances - Part 3: Heavy duty stretcher | Product standard | 2015 | EU | PU | CEN/TC 239 Rescue systems |
| 216 | EN 1865-4:2012 | CEN | Patient handling equipment used in road ambulances - Part 4: Foldable patient transfer chair | Product standard | 2012 | EU | PU | CEN/TC 239 Rescue systems |
| 217 | EN 1865-5:2012 | CEN | Patient handling equipment used in road ambulances - Part 5: Stretcher support | Product standard | 2012 | EU | PU | CEN/TC 239 Rescue systems |
| 218 | AAMedP-1.22 | NATO | PERFORMANCE OF PORTABLE FILTER-BLOWERS FOR AIRCREW CBRN RESPIRATORS - AAMedP-1.22 EDITION A | Product standard | 2019 | INT | PU | |
| 219 | CEN/TS 16921:2016 | CEN | Personal identification - Borders and law enforcement application profiles for mobile biometric identification systems | Basic standard | 2016 | EU | PU | CEN/TC 224 |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| 220 | CEN/TR 17512:2020 | CEN | Personal protective equipment - Smart garments - Terms and definitions | Terminology standard | 2020 | EU | PU | 162 |
| 221 | EN 1147:2010 | CEN | Portable ladders for fire service use | Basic standard | 2010 | EU | PU | 192 |
| 222 | CWA 17502 | CEN | Privacy of monitoring technology - Guidelines for introducing ambient and wearable monitoring technologies balancing privacy protection against the need for oversight and care | Basic standard | 2020 | EU | PU | |
| 223 | ISO 17664:2017 | ISO | Processing of health care products - Information to be provided by the medical device manufacturer for the processing of medical device | Basic standard | 2017 | INT | PU | TC 198 |
| 224 | S-61 | IHO | Product Specification for Raster Navigational | Product standard | 1999 | INT | PU | International Hydrografic organisation |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| | | | Charts (RNC) (January 1999) | | | | | |
| 225 | TR 103 303 | ETSI | Protection measures for ICT in the context of Critical Infrastructure | Interface standard | 2016 | EU | PU | ETSI TC Cyber |
| 226 | ITU-T K.57 | ITU-T | Protection measures for radio base stations sited on power line towers | Process standard | 2016 | INT | PU | ITU-T SG5 |
| 227 | CAN/CGSB/CSAZ1610-11 | SCC - Canada | Protection of first responders from chemical, biological, radiological, and nuclear (CBRN) events | Process standard | 2011 | NTL | PU | |
| 228 | ITU-T K.56 | ITU-T | Protection of radio base stations against lightning discharges | Process standard | 2010 | INT | PU | ITU-T SG5 |
| 229 | ITU-T K.47 | ITU-T | Protection of telecommunication lines against direct lightning flashes | Process standard | 2012 | INT | PU | ITU-T SG5 |
| 230 | ITU-T K.72 | ITU-T | Protection of telecommunication lines using metallic conductors against lightning - Risk management | Process standard | 2011 | INT | PU | ITU-T SG5 |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| 231 | ITU-T K.46 | ITU-T | Protection of telecommunication lines using metallic symmetric conductors against lightning-induced surges | Process standard | 2012 | INT | PU | ITU-T SG5 |
| 232 | EN 17353:2020 | CEN | Protective clothing - Enhanced visibility equipment for medium risk situations - Test methods and requirements | Testing standard | 2020 | EU | PU | 162 |
| 233 | EN ISO 13688:2013 | CEN | Protective clothing - General requirements (ISO 13688:2013) | Product standard | 2013 | EU | PU | 162 |
| 234 | CEN/TR 15419:2017 | CEN | Protective clothing - Guidelines for selection, use, care and maintenance of chemical protective clothing | Product standard | 2017 | EU | PU | 162 |
| 235 | NF S74-550*NF EN 14126 | AFNOR | Protective clothing - Performance requirements and test methods for protective clothing against infective agents | Testing standard | 2004 | NTL | PU | |

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| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| 236 | EN 14126/AC | CEN | Protective clothing - Performance requirements and tests methods for protective clothing against infective agents | Testing standard | 2004 | EU | PU | |
| 237 | CEN ISO/TR 11610:2004 | CEN | Protective clothing - Vocabulary (ISO/TR 11610:2004) | Terminology standard | 2004 | EU | PU | 162 |
| 238 | IS 1258-13 | SII | PROTECTIVE CLOTHING AGAINST LIQUID AND GASEOUS CHEMICALS, INCLUDING LIQUID AEROSOLS AND SOLID PARTICLES - PERFORMANCE REQUIREMENRS FOR "GAS-THIGHT" (TYPE 1) CHEMICAL PROTECTIVE SUITS FOR EMERGENCY TEAMS (ET) | Product standard | 2002 | NTL | PU | Israeli Standard |
| 239 | EN 1073-2:2002 | CEN | Protective clothing against radioactive contamination - Part 2: | Testing standard | 2002 | EU | PU | 162 |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|--------|--------|-----------|
| | | | Requirements and test methods for non-ventilated protective clothing against particulate radioactive contamination | | | | | |
| 240 | EN 1073-1:2016+A1:2018 | CEN | Protective clothing against solid airborne particles including radioactive contamination - Part 1: Requirements and test methods for compressed air line ventilated protective clothing, protecting the body and the respiratory tract | Testing standard | 2018 | EU | PU | 162 |
| 241 | EN ISO 15384:2020 | CEN | Protective clothing for firefighters - Laboratory test methods and performance requirements for wildland firefighting clothing (ISO 15384:2018) | Product standard | 2020 | EU | PU | 162 |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| 242 | EN 469:2020 | CEN | Protective clothing for firefighters - Performance requirements for protective clothing for firefighting activities | Product standard | 2020 | EU | PU | 162 |
| 243 | EN 16689:2017 | CEN | Protective clothing for firefighters - Performance requirements for protective clothing for technical rescue | Product standard | 2017 | EU | PU | 162 |
| 244 | EN ISO 18640-1:2018/A1:2019 | CEN | Protective clothing for firefighters - Physiological impact - Part 1: Measurement of coupled heat and moisture transfer with the sweating torso - Amendment 1 (ISO 18640-1:2018/Amd 1:2019) | Testing standard | 2019 | EU | PU | 162 |
| 245 | EN ISO 18640-2:2018/A1:2019 | CEN | Protective clothing for firefighters - Physiological impact - Part 2: Determination of physiological heat load caused by | Testing standard | 2019 | EU | PU | 162 |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|--------|--------|-----------|
|   |      |     | protective clothing worn by firefighters - Amendment 1 (ISO 18640-2:2018/Amd 1:2019) |  |  |  |  |  |
| 246 | EN ISO 18640-2:2018 | CEN | Protective clothing for firefighters - Physiological impact - Part 2: Determination of physiological heat load caused by protective clothing worn by firefighters (ISO 18640-2:2018) | Testing standard | 2018 | EU | PU | 162 |
| 247 | EN 13911:2017 | CEN | Protective clothing for firefighters - Requirements and test methods for fire hoods for firefighters | Product standard | 2017 | EU | PU | 162 |
| 248 | EN 1486:2007 | CEN | Protective clothing for fire-fighters - Test methods and requirements for reflective clothing for specialised fire-fighting | Product standard | 2007 | EU | PU | 162 |
| 249 | ISO/CD 24588 | ISO | PROTECTIVE CLOTHING. PERSONAL | Product standard |  | INT | UD | ISO/TC 94/SC 14 Firefighters' |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|---------|--------|-----------|
| | | | PROTECTIVE ENSEMBLES FOR USE AGAINST HEMICAL, BIOLOGICAL, RADIOLOGICAL AND NUCLEAR (CBRN) AGENTS. CLASSIFICATION, PERFORMANCE REQUIREMENTS AND TEST METHODS | | | | | personal equipment |
| 250 | BS 8467:2006 | BSI | Protective clothing. Personal protective ensembles for use against chemical, biological, radiological and nuclear (CBRN) agents. Categorisation, performance requirements and test methods | Product standard | 2006 | NTL | PU | |
| 251 | EN ISO 21420:2020 | CEN | Protective gloves - General requirements and test methods (ISO 21420:2020) | Testing standard | 2020 | EU | PU | 162 |
| 252 | EN ISO 374- | CEN | Protective gloves against dangerous chemicals and micro- | Terminology standard | 2018 | EU | PU | 162 |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|---|---|---|---|---|---|---|---|
|  | 1:2016/A 1:2018 |  | organisms - Part 1: Terminology and performance requirements for chemical risks - Amendment 1 (ISO 374-1:2016/Amd 1:2018) |  |  |  |  |  |
| 253 | EN ISO 374-5:2016 | CEN | Protective gloves against dangerous chemicals and micro-organisms - Part 5: Terminology and performance requirements for micro-organisms risks (ISO 374-5:2016) | Terminology standard | 2016 | EU | PU | 162 |
| 254 | EN 421:2010 | CEN | Protective gloves against ionizing radiation and radioactive contamination | Product standard | 2010 | EU | PU | 162 |
| 255 | EN 659:2003 +A1:2008 /AC:2009 | CEN | Protective gloves for firefighters | Product standard | 2009 | EU | PU | 162 |

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| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| 256 | ISO 9001:2015 | ISO | Quality management systems - Requirements | Process standard | 2015 | INT | PU | ISO/TC 176/SC 2 |
| 257 | ITU-R M.2009-1 | ITU-T | Radio interface standards for use by public protection and disaster relief operations in some parts of the UHF band in accordance with Resolution 646 (Rev.WRC-012) | Process standard | 2015 | INT | PU | |
| 258 | EN ISO 16637:2019 | CEN | Radiological protection - Monitoring and internal dosimetry for staff members exposed to medical radionuclides as unsealed sources (ISO 16637:2016) | Basic standard | 2019 | EU | PU | CEN/TC 430 |
| 259 | ITU-T X.1580 | ITU-T | Real-time inter-network defence | Interface standard | 2012 | INT | PU | ITU-T SG 17 |
| 260 | ITU-T E.108 | ITU-T | Requirement for disaster relief mobile message service | Process standard | 2016 | INT | PU | ITU-T SG2 |
| 261 | ITU-T Y.4102 | ITU-T | Requirements for Internet of things devices and operation | Process standard | 2015 | INT | PU | ITU-T SG20 |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|---|---|---|---|---|---|---|---|
| | | | of Internet of things applications during disasters | | | | | |
| 262 | ITU-T J.260 | ITU | Requirements for preferential telecommunications over IPCablecom networks | Process standard | 2005 | INT | PU | |
| 263 | ITU-T E.119 | ITU | Requirements for safety confirmation and broadcast message service for disaster relief | Process standard | 2017 | INT | PU | |
| 264 | BS 8468-1:20020 | BSI | Respiratory equipment for use against chemical, biological, radiological and nuclear (CBRN) agents. Positive pressure, self-contained, open-circuit breathing apparatus. Specification | Product standard | 2020 | NTL | PU | |
| 265 | AS/NZS 1716:2012 | AS/NZS - Australian Standards | Respiratory protective devices | Product standard | 2012 | Regional/Non EU | PU | Australian Standard |
| 266 | EN 136:1998/AC:2003 | CEN | Respiratory protective devices - Full face | Product standard | 2003 | EU | PU | 79 |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| | | | masks - Requirements, testing, marking | | | | | |
| 267 | EN 135:1998 | CEN | Respiratory protective devices - List of equivalent terms | Terminology standard | 1998 | EU | PU | 79 |
| 268 | EN 143:2000/ AC:2005 | CEN | Respiratory protective devices - Particle filters - Requirements, testing, marking | Testing standard | 2005 | EU | PU | 79 |
| 269 | EN 143:2000/ A1:2006 | CEN | Respiratory protective devices - Particle filters - Requirements, testing, marking | Testing standard | 2006 | EU | PU | 79 |
| 270 | FprEN 143(WI=0 0079157) | CEN | Respiratory protective devices - Particle filters - Requirements, testing, marking | Testing standard | | EU | UD | 79 |
| 271 | ISO/CD TS 17420-8 | ISO | RESPIRATORY PROTECTIVE DEVICES - PERFORMANCE REQUIREMENTS — PART 8: SPECIAL APPLICATION CBRN FILTERING AND RN FILTERING DEVICES | Product standard | | INT | UD | ISO/TC 94/SC 15 Respiratory protective devices |
| 272 | ISO/CD TS 17420-9 | ISO | RESPIRATORY PROTECTIVE DEVICES - PERFORMANCE | Product standard | | INT | UD | ISO/TC 94/SC 15 Respiratory |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|---------------|------------------|------|--------|--------|-----------|
| | | | REQUIREMENTS — PART 9: SPECIAL APPLICATION CBRN SUPPLIED BREATHABLE GAS DEVICES | | | | | protective devices |
| 273 | EN 12942:1998/A1:2002 | CEN | Respiratory protective devices - Power assisted filtering devices incorporating full face masks, half masks or quarter masks - Requirements, testing, marking | Testing standard | 2002 | EU | PU | 79 |
| 274 | EN 529:2005 | CEN | Respiratory protective devices - Recommendations for selection, use, care and maintenance - Guidance document | Basic standard | 2005 | EU | PU | 79 |
| 275 | ISO/TS 16975-2:2016 | ISO | Respiratory protective devices - Selection, use and maintenance - Part 2: Condensed guidance to establishing and implementing a respiratory protective device programme | Product standard | 2016 | INT | PU | |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| 276 | EN 145:1997/ A1:2000 | CEN | Respiratory protective devices - Self-contained closed-circuit breathing apparatus compressed oxygen or compressed oxygen-nitrogen type - Requirements, testing, marking | Testing standard | 1997 | EU | PU | 79 |
| 277 | EN ISO 16972:2020 | CEN | Respiratory protective devices - Vocabulary and graphical symbols(ISO 16972:2020) | Terminology standard | 2020 | EU | PU | 79 |
| 278 | BS 8468-3.2:2020 | BSI | Respiratory protective devices for use against chemical, biological, radiological and nuclear (CBRN) agents. Air-purifying devices incorporating a hood for escape. Specification | Product standard | 2020 | NTL | PU | |
| 279 | BS 8468-7:2020 | BSI | Respiratory protective devices for use against chemical, biological, radiological and nuclear (CBRN) agents. | Product standard | 2020 | NTL | PU | |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|---|---|---|---|---|---|---|---|
| | | | Closed-circuit breathing apparatus. Specification (British Standard) | | | | | |
| 280 | BS 8468-5:2020 | BSI | Respiratory protective devices for use against chemical, biological, radiological and nuclear (CBRN) agents. Combined and multi-functional apparatus. Specification | Product standard | 2020 | NTL | PU | |
| 281 | BS 8468-6.2:2020 | BSI | Respiratory protective devices for use against chemical, biological, radiological and nuclear (CBRN) agents. Constant flow compressed airline equipment. Specification | Product standard | 2020 | NTL | PU | |
| 282 | BS 8468-2:2020 | BSI | Respiratory protective devices for use against chemical, biological, radiological and nuclear (CBRN) agents. Negative pressure, air purifying devices with | Product standard | 2020 | NTL | PU | |

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| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| | | | full face mask. Specification | | | | | |
| 283 | BS 8468-6.1:2020 | BSI | Respiratory protective devices for use against chemical, biological, radiological and nuclear (CBRN) agents. Positive-pressure compressed air line equipment. Specification | Product standard | 2020 | NTL | PU | |
| 284 | BS 8468-4:2020 | BSI | Respiratory protective devices for use against chemical, biological, radiological and nuclear (CBRN) agents. Powered air purifying respirators. Specification | Product standard | 2020 | NTL | PU | |
| 285 | BS 8468-3.1:2020 | BSI | Respiratory protective devices for use against chemical, biological, radiological and nuclear (CBRN) agents. Self-contained open-circuit compressed air breathing apparatus incorporating a hood | Product standard | 2020 | NTL | PU | |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| | | | for escape. Specification | | | | | |
| 286 | BS 8468-8:2020. | BSI | Respiratory protective devices for use against chemical, biological, radiological and nuclear (CBRN) agents. Test methods | Testing standard | 2020 | NTL | PU | |
| 287 | ASTM WK54942 (Revision of E2770 - 10) | ASTM | Revision of E2770 - 10 Standard Guide for Operational Guidelines for Initial Response to a Suspected Biothreat Agent | Process standard | | INT | UD | ASTM E54 |
| 288 | ASTM E2800 - 11 | ASTM | Revision of E2800 - 11 Standard Practice for Characterization of Bacillus Spore Suspensions for Reference Materials | Testing standard | | INT | UD | ASTM E54 |
| 289 | ASTM E 2805-18 | ASTM | Revision of E2805 - 11 Standard Practice for Measurement of the Biological Activity of Ricin | Testing standard | | INT | UD | |
| 290 | ISO/TR 31004:2013 | ISO | Risk management - Guidance for the | Process standard | 2013 | INT | PU | 262 |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
|   |      |     | implementation of ISO 31000 |  |  |  |  |  |
| 291 | ISO 31000:2018 | ISO | Risk management - Guidelines | Basic standard | 2018 | INT | PU | 262 |
| 292 | ISO 31022:2020 | ISO | Risk management - Guidelines for the management of legal risk | Basic standard | 2020 | INT | PU | 262 |
| 293 | ISO/IWA 31:2020 | ISO | Risk management - Guidelines on using ISO 31000 in management systems | Basic standard | 2020 | INT | PU |  |
| 294 | IEC 31010:2019 | IEC | Risk management - Risk assessment techniques | Basic standard | 2019 | INT | PU | 262 |
| 295 | ISO Guide 73 | ISO | Risk management - Vocabulary | Terminology standard | 2009 | INT | PU | 262 |
| 296 | ISO/AWI 31073 | ISO | Risk management - Vocabulary | Terminology standard |  | INT | UD |  |
| 297 | ITU-T X.1055 | ITU-T | Risk management and risk profile guidelines for telecommunication organizations | Process standard | 2008 | INT | PU | ITU-T SG 17 |
| 298 | prÖNORM D 4902-3 | ASI | Risk management for organizations and systems - Part 3: Guidelines for | Process standard | 2020 | NTL | UD | Komitee 252 - Risikomanagement, Business Continuity |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|-------|--------|-----------|
| | | | emergency, crisis and business continuity management - Guide for the implementation of ISO 31000 | | | | | Management, Resilienzmanagement und Corporate Security Management |
| 299 | | Berkman Center for Internet & Society | RSS Really Simple Syndication /Rich Site Summary version 2.0.1 | Interface standard | 2003 | NTL | PU | |
| 300 | GOST R 22.9.15 | GOST | Safety in emergencies. Technical means of chemical detection. Test methods | Testing standard | 2014 | NTL | PU | |
| 301 | ETSI TS 103 260 | ETSI | Satellite Earth Stations and Systems (SES) - Reference scenario for the deployment of emergency communications - Part 1 & 2 | Interface standard | 2015 | EU | PU | SES SatEC |
| 302 | NF X52-121 | AFNOR | Security and protection of citizens - CBRN - Use of portable nuclear and radiological detection and identification equipment in the field of global security | Product standard | 2015 | NTL | PU | |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| 303 | NF X52-120 | AFNOR | Security and protection of citizens -CBRN - Methodology for the evaluation of techniques for the detection and identification of biological pathogenic agents | Process standard | 2015 | NTL | PU | |
| 304 | NF X52-122 | AFNOR | Security and protection of citizens -CBRN - Protocols for evaluating the performance of healthy skin decontamination technologies | Process standard | 2016 | NTL | PU | |
| 305 | ISO 22325:2016 | ISO | Security and resilience -  Emergency management - Guidelines for capability assessment | Basic standard | 2016 | INT | PU | |
| 306 | ISO 22396:2020 | ISO | Security and resilience - Community resilience - Guidelines for information exchange between organizations | Process standard | 2020 | INT | PU | TC 292 |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|--------|--------|-----------|
| 307 | ISO 22319:2017 | ISO | Security and resilience - Community resilience - Guidelines for planning the involvement of spontaneous volunteers | Basic standard | 2017 | INT | PU | TC 292 |
| 308 | ISO 22395:2018 | ISO | Security and resilience - Community resilience - Guidelines for supporting vulnerable persons in an emergency | Basic standard | 2018 | INT | PU | TC 292 |
| 309 | ISO/AWI 22360 | ISO | Security and resilience - Crisis management - Concept, principles and framework | Basic standard | | INT | UD | TC 292 |
| 310 | ISO/AWI 22361 | ISO | Security and resilience - Crisis Management - Guidelines for developing a strategic capability | Process standard | | INT | UD | |
| 311 | ISO/WD 22328-3 | ISO | Security and resilience - Emergency management - — Part 3: Guidelines for the implementation of a community-based | Basic standard | | INT | UD | |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| | | | tsunami early warning system | | | | | |
| 312 | ISO 22327:2018 | ISO | Security and resilience - Emergency management - Community-based landslide early warning system | Process standard | 2018 | INT | PU | TC 292 |
| 313 | ISO/WD 22350 | ISO | Security and resilience - Emergency management - Framework | Basic standard | | INT | UD | |
| 314 | ISO/AWI 22398 | ISO | Security and resilience - Emergency management - Guidelines for exercises | Basic standard | | INT | UD | TC 292 |
| 315 | ISO 22320:2017 | ISO | Security and resilience - Emergency management - Guidelines for incident management | Basic standard | 2017 | INT | PU | |
| 316 | ISO 22326:2018 | ISO | Security and resilience - Emergency management - Guidelines for monitoring facilities with identified hazards | Basic standard | 2018 | INT | PU | TC 292 |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| 317 | ISO/DIS 22329 | ISO | Security and resilience - Emergency management - Guidelines for the use of social media in emergencies | Basic standard | | INT | UD | TC 292 |
| 318 | ISO/CD TR 22351:2015 | ISO | Security and resilience - Emergency management - Message structure for exchange of information | Basic standard | 2015 | INT | UD | TC 292 |
| 319 | ISO 22328-1:2020 | ISO | Security and resilience - Emergency management - Part 1: General guidelines for the implementation of a community-based disaster early warning system | Basic standard | 2020 | INT | PU | TC 292 |
| 320 | ISO 20229 | ISO | Security and resilience - Guidelines for establishing interoperability among object identification systems | Basic standard | | INT | UD | TC 292 |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|---------|--------|-----------|
| 321 | ISO/TS 22375:2018 | ISO | Security and resilience - Guidelines for complexity assessment process | Basic standard | 2018 | INT | PU | |
| 322 | ISO 22381:2017 | ISO | Security and resilience - Guidelines for establishing interoperability among object identification systems to deter counterfeiting and illicit trade | Basic standard | 2017 | INT | PU | ISO/TC 292 |
| 323 | ISO/AWI 22379 | ISO | Security and resilience - Guidelines for hosting and organizing large citywide events | Basic standard | | INT | UD | ISO/TC 292 |
| 324 | ISO 22316:2017 | ISO | Security and resilience - Organizational resilience - Principles and attributes | Basic standard | 2017 | INT | PU | ISO/TC 292 |
| 325 | ISO 34001:2016 | ISO | Security and resilience - Security management system for organizations assuring authenticity, integrity and trust for products and documents | Basic standard | 2016 | INT | PU | ISO/TC 292 |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| 326 | ISO/DIS 34001.4 | ISO | Security and resilience - Security management system for organizations assuring authenticity, integrity and trust for products and documents | Basic standard | | INT | UD | ISO/TC 292 |
| 327 | ISO/CD 28000 | ISO | Security and resilience - Security management systems for the supply chain - Requirements | Basic standard | | INT | UD | ISO/TC 292 |
| 328 | ISO/TR 22370:2020 | ISO | Security and resilience - Urban resilience - Framework and principles | Basic standard | 2020 | INT | PU | ISO/TC 292 |
| 329 | ISO/AWI 22371 | ISO | Security and resilience - Urban resilience - Framework, model and guidelines for strategy and implementation | Basic standard | | INT | UD | ISO/TC 292 |
| 330 | ISO 22300:2018 | ISO | Security and resilience - Vocabulary | Terminology standard | 2015 | INT | PU | ISO/TC 292 |
| 331 | ISO 22300:2021 | ISO | Security and resilience - Vocabulary | Terminology standard | 2021 | INT | PU | ISO/TC 292 |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| 332 | ISO 22300:2021 | ISO | Security and resilience | Basic standard | 2021 | INT | PU | ISO/TC 292 |
| 333 | ISO 22301:2019 | ISO | Security and resilience - Business continuity management systems - Requirements | Service Standard | 2019 | INT | PU | ISO/TC 292 |
| 334 | ISO 22361:2022 | ISO | Security and resilience- Crisis management - Guidelines | Basic standard | 2022 | INT | PU | ISO/TC 292 |
| 335 | ITU-T X.1402 | ITU | Security framework for distributed ledger technology | Process standard | 2020 | INT | PU | ITU-T SG 17 |
| 336 | ITU-T X.1056 | ITU-T | Security incident management guidelines for telecommunications organizations | Process standard | 2009 | INT | PU | ITU-T SG 17 |
| 337 | ÖNORM S 2414-2 | ASI | Security management system - Part 2: Guidance for embedding physical security into the security management system | Process standard | 2018 | NTL | PU | Komitee 252 - Risikomanagement, Business Continuity Management, Resilienzmanagement und Corporate Security Management |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| 338 | ITU-T X.1313 | ITU-T | Security requirements for wireless sensor network routing | Interface standard | 2012 | INT | PU | ITU-T SG 17 |
| 339 | AS/NZS 1715:2009 | AS/NZS - Australian Standards | Selection, use and maintenance of respiratory protective equipment | Product standard | 2009 | Regional/Non EU | PU | Australian Standard |
| 340 | CSA Z94.4-11 | CSA Group Canada | Selection, use, and care of respirators | Testing standard | 2011 | INT | PU | |
| 341 | OCG-07-000 | OGC | Sensor Model Language (SensorML) Version: 1.0.1 | Interface standard | 2007 | INT | PU | |
| 342 | OCG-12006 | OGC | Sensor Observation Service (SOS) Version: 2.0 | Service Standard | 2012 | INT | PU | |
| 343 | Modbus | Schneider Electric | Simple application-layer messaging protocol | Interface standard | 1979 | INT | PU | |
| 344 | CEN/TS 16850:2015 | CEN | Societal and Citizen Security - Guidance for managing security in healthcare facilities | Service standard | 2015 | INT | PU | CEN/TC 391 |
| 345 | CEN/TS 17159:2018 | CEN | Societal and citizen security - Guidance for the security of hazardous materials (CBRNE) in healthcare facilities | Basic standard | 2018 | EU | PU | CEN/TC 391 |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| 346 | EN ISO 22311:2014 | CEN | Societal and Citizen Security - Video-surveillance - Export interoperability | Service  standard | 2014 | EU | PU | CEN/TC 391 |
| 347 | EN ISO 22315:2018 | CEN | Societal security - Mass evacuation - Guidelines for planning | Basic standard | 2018 | EU | PU | CEN/TC 391 |
| 348 | ISO 22324:2015 | ISO | Societal security - Emergency management - Guidelines for colourcoded alerts | Basic standard | 2015 | INT | PU | |
| 349 | ISO 22322:2015 | ISO | Societal security - Emergency management - Guidelines for public warning | Basic standard | 2015 | INT | PU | |
| 350 | ISO 22320:2018 | ISO | Societal security - Emergency management - Requirements for incident response | Basic standard | 2018 | INT | PU | |
| 351 | ISO 22398:2013 | ISO | Societal security - Guidelines for exercises | Basic standard | 2013 | INT | PU | |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| 352 | ISO/TR 22351:2015 | ISO | Societal security - Emergency management - Message structure for exchange of information | Terminology standard | 2015 | INT | PU | TC 292 |
| 353 | IS 22320 | SII | SOCIETAL SECURITY - EMERGENCY MANAGEMENT: REQUIREMENTS FOR INCIDENT RESPONSE | Process standard | 2014 | NTL | PU | Israeli Standard |
| 354 | ISO 22315:2014 | ISO | Societal security - Mass evacuation - Guidelines for planning | Basic standard | 2014 | INT | PU | TC 292 |
| 355 | EN ISO 22315:2018 | CEN | Societal security - Mass evacuation - Guidelines for planning (ISO 22315:2014) | Basic standard | 2018 | EU | PU | 391 |
| 356 | EN 50849:2017 | CEN | Sound Systems for Emergency Purposes | Product standard | 2017 | EU | PU | CLC/BTTF 133-1 |
| 357 | ATP-3.8.1 | NATO | SPECIALIST CBRN DEFENCE CAPABILITIES - ATP-3.8.1 VOLUME II EDITION A | Basic standard | 2010 | INT | PU | |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| 358 | ANSI/APCO/NPSTC 1.104.1 | ANSI | Standard Channel Nomenclature for the Public Safety Interoperability Channels | Terminology standard | 2010 | NTL | PU | US83512019 |
| 359 | 497-2016 - IEEE | IEEE | Standard Criteria for Accident Monitoring Instrumentation for Nuclear Power Generating Stations | Product standard | 2016 | NTL | PU | PE/NPE - Nuclear Power Engineering |
| 360 | 7-4.3.2-2016 - IEEE | IEEE | Standard Criteria for Programmable Digital Devices in Safety Systems of Nuclear Power Generating Stations | Product standard | 2016 | NTL | PU | PE/NPE - Nuclear Power Engineering |
| 361 | 2790-2020 - IEEE | IEEE | Standard for Biometric Liveness Detection | Product standard | 2020 | NTL | PU | C/CPSC - Cybersecurity and Privacy Standards Committee |
| 362 | NFPA 472 | NFPA | Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents | Service Standard | 2018 | NTL | PU | NFPA (National Fire Protection Association) |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| 363 | NFPA 473 | NFPA | Standard For Competencies For EMS Personnel Responding To Hazardous Materials/Weapons Of Mass Destruction Incidents | Service Standard | 2018 | NTL | PU | NFPA (National Fire Protection Association) |
| 364 | NFPA 1072 | NFPA | Standard For Hazardous Materials/Weapons Of Mass Destruction Emergency Response Personnel Professional Qualifications | Service Standard | 2017 | NTL | PU | NFPA (National Fire Protection Association) |
| 365 | 1686-2013 - IEEE | IEEE | Standard for Intelligent Electronic Devices Cyber Security Capabilities | Product standard | 2014 | NTL | PU | PE/PSCC - Power System Communications and Cybersecurity |
| 366 | IEEE 1484.20.1 -2007 | IEEE | Standard for Learning Technology-Data Model for Reusable Competency Definitions | Product standard | 2008 | NTL | PU | C/LT - Learning Technology |
| 367 | IEEE 802.15.4k -2013 | IEEE | Standard for Local and metropolitan area networks— Part 15.4: Low-Rate Wireless | Product standard | 2013 | NTL | PU | C/LM - LAN/MAN Standards Committee |

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| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| | | | Personal Area Networks (LR-WPANs)—Amendment 5: Physical Layer Specifications for Low Energy, Critical Infrastructure Monitoring Networks. | | | | | |
| 368 | IEEE 802.15.4w-2020 | IEEE | Standard for Low-Rate Wireless Networks--Amendment 2: Low Power Wide Area Network (LPWAN) Extension to the Low-Energy Critical Infrastructure Monitoring (LECIM) Physical Layer (PHY) | Product standard | 2020 | NTL | PU | C/LM - LAN/MAN Standards Committee |
| 369 | ANSI/APCO/NENA 1.105.2 | ANSI | Standard for Telecommunicator Emergency Response Taskforce (TERT) Deployment | Process standard | 2015 | NTL | PU | The National Joint TERT Initiative (NJTI) & NENA Contingency Planning Committee US88292022 |
| 370 | ASTM E2915-13 | ASTM | Standard Guide for Emergency Operations | Process standard | 2013 | INT | PU | ASTM E54 |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| | | | Center (EOC) Management | | | | | |
| 371 | ASTM E2413-04 | ASTM | Standard Guide for Hospital Preparedness and Response | Process standard | 2004 | INT | PU | ASTM E54 |
| 372 | ASTM E2770 - 17 | ASTM | Standard Guide for Operational Guidelines for Initial Response to Suspected Biological Agents and Toxins | Process standard | 2017 | INT | PU | ASTM E54 |
| 373 | ASTM F2751-16 | ASTM | Standard Guide for Training of a Land Search and Rescue Team Member | Process standard | 2016 | INT | PU | ASTM F32 |
| 374 | ASTM F2685-14 | ASTM | Standard Guide for Training of a Land Search Team Leader (STL) | Process standard | 2014 | INT | PU | ASTM F32 |
| 375 | NFPA 1600 | NFPA | Standard on Community Risk Assessment, Pre-Incident Planning, Mass Evacuation, Sheltering, and Re-entry Programs (combining Standards NFPA 1600, NFPA 1616, and NFPA 1620) | Process standard | | NTL PPRT | UD | NFPA (National Fire Protection Association) |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|--------|--------|-----------|
| 376 | ANSI/NFPA/CSA 1600 | ANSI | Standard on Disaster/Emergency Management and Business Continuity Programs | Basic standard | 2015 | NTL | PU | ANSI |
| 377 | NFPA 1600 | NFPA | Standard on Disaster/Emergency Management and Business Continuity/Continuity of Operations Programs | Basic standard | 2016 | NTL | PU | NFPA (National Fire Protection Association) |
| 378 | NFPA 1999-2008 | NFPA | Standard on Protective Clothing for Emergency Medical Operations, 2008 Edition | Product standard | 2008 | NTL | PU | NFPA (National Fire Protection Association) |
| 379 | NFPA 1994-2007 | NFPA | Standard on Protective Ensembles for First Responders to CBRN Terrorism Incidents, 2007 Edition | Product standard | 1905 | NTL | PU | NFPA (National Fire Protection Association) |
| 380 | NFPA 1994-2012 | NFPA | Standard on Protective Ensembles for First Responders to CBRN Terrorism Incidents, 2012 Edition | Product standard | 1905 | NTL | PU | NFPA (National Fire Protection Association) |
| 381 | NFPA 1994 | NFPA | Standard on Protective Ensembles for First | Product standard | 2018 | NTL | PU | NFPA (National Fire |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|--------|--------|-----------|
|   |      |     | Responders to Hazardous Materials Emergencies and CBRN Terrorism Incidents |  |  |  |  | Protection Association) |
| 382 | ANSI/NFPA 1851 | ANSI | Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting | Product standard | 2013 | NTL | PU |  |
| 383 | ANSI/NFPA 1855 | ANSI | Standard on Selection, Care, and Maintenance of Protective Ensembles for Technical Rescue Incidents | Product standard | 2018 | NTL | PU |  |
| 384 | NFPA 1991 | NFPA | Standard on Vapor-Protective Ensembles for Hazardous Materials Emergencies and CBRN Terrorism Incidents | Product standard | 1905 | NTL | PU | NFPA (National Fire Protection Association) |
| 385 | ASTM E2800-11(2017) | ASTM | Standard Practice for Characterization of Bacillus Spore | Testing standard | 2017 | INT | PU | ASTM E54 |

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| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|-------|--------|-----------|
| | | | Suspensions for Reference Materials | | | | | |
| 386 | NFPA 1990 | NFPA | Standards for Protective Ensembles for Hazardous Material and Emergency Medical Operations (combining Standards NFPA 1991, NFPA 1992, 1994, and NFPA 1999) | Product standard | | NTL PPRT | UD | NFPA (National Fire Protection Association) |
| 387 | ITU-T Q.764 | ITU | Support for the International Emergency Preference Scheme | Process standard | 1999 | INT | PU | ITU-T SG 11 |
| 388 | ITU-T Q.762 AMD 3 | ITU-T | Signalling System No. 7 – ISDN User Part general functions of messages and signals - Support for the International Emergency Preference Scheme | Process standard | 2002 | INT | PU | ITU-T SG11 |
| 389 | ITU-T Q.761 AMD 3 | ITU-T | Signalling System No. 7 – ISDN User Part functional description - Support for the International | Process standard | 2006 | INT | PU | ITU-T SG11 |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| | | | Emergency Preference Scheme | | | | | |
| 390 | ITU-T Q.1902.4 AMD 3 | ITU-T | Specifications of signalling related to Bearer Independent Call Control (BICC) - Bearer Independent Call Control protocol (Capability Set 2): Basic call procedures - Support for the International Emergency Preference Scheme | Process standard | 2006 | INT | PU | ITU-T SG11 |
| 391 | ITU-T Q.2931 amd. 5 | ITU | Broadband ISDN – B-ISDN application protocols for access signalling  - Digital Subscriber Signalling System No. 2 – User-Network Interface (UNI) layer 3 specification for basic call/connection control - Support for the International | Process standard | 2006 | INT | PU | ITU-T SG 11 |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|-------|--------|-----------|
| | | | Emergency Preference Scheme | | | | | |
| 392 | ITU-T Q.2630.3 (2003) Amd. 1 | ITU | Broadband ISDN – Common aspects of B-ISDN application protocols for access signalling and network signalling and interworking - AAL type 2 signalling protocol – Capability Set 3 - Support for the International Emergency Preference Scheme | Process standard | 2006 | INT | PU | ITU-T SG 11 |
| 393 | CWA 17514:2020 | CEN/CLC | Systematic assessment of innovative solutions for crisis management - Trial guidance methodology | Process standard | 2020 | EU | PU | |
| 394 | 21384-3:2019 | ISO | Unmanned aircraft systems — Part 3: Operational procedures | Process Standard | 2019 | INT | PU | |
| 395 | F3379-20 | ASTM | Standard Guide for Training for Public Safety Remote Pilot of Unmanned Aircraft | Training Standard | 2020 | INT | PU | |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
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|  |  |  | Systems (UAS) Endorsement |  |  |  |  |  |
| 396 | ITU-T X.1089 | ITU-T | Telebiometrics authentication infrastructure | Product standard | 2008 | INT | PU | ITU-T SG 17 |
| 397 | ITU-T X.1086 | ITU-T | Telebiometrics protection procedures - Part 1: A guideline to technical and managerial countermeasures for biometric data security | Process standard | 2008 | INT | PU | ITU-T SG 17 |
| 398 | ITU-T X.1082 | ITU-T | Telebiometrics related to human physiology | Product standard | 2011 | INT | PU | ITU-T SG 17 |
| 399 | CWA 17335:2018 | CEN/CLC | Terminologies in Crisis and Disaster Management | Terminology standard | 2018 | EU | PU |  |
| 400 | CEPT/ECC /REC/(08)04 | CEPT | The identification of frequency bands for the implementation of broad band disaster relief (BBDR) - Radio applications in the 5 GHz frequency range | Interface standard | 2008 | EU | PU |  |
| 401 | AMedP-7.1 | NATO | THE MEDICAL MANAGEMENT OF CBRN CASUALTIES - AMedP-7.1 EDITION A | Process standard | 2018 | INT | PU |  |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|---------------|-------------------|------|-------|--------|-----------|
| 402 | ITU-T X.1171 | ITU-T | Threats and requirements for protection of personally identifiable information in applications using tag-based identification | Standard on data | 2009 | INT | PU | ITU-T SG 17 |
| 403 | ITU-T M.3350 | ITU | TMN service management requirements for information interchange across the TMN X-interface to support provisioning of Emergency Telecommunication Service (ETS) | Service Standard | 2004 | INT | PU | |
| 404 | AMEDP-7.3 ED.A | NATO | TRAINING OF MEDICAL PERSONNEL FOR CHEMICAL, BIOLOGICAL, RADIOLOGICAL, AND NUCLEAR (CBRN) DEFENCE | Process standard | 2016 | INT | PU | COMEDS |
| 405 | ITU-R BS.2107-0 | ITU | Use of International Radio for Disaster Relief frequencies for emergency broadcasts | Process standard | 2017 | INT | PU | |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|---|---|---|---|---|---|---|---|
| | | | in the High Frequency bands | | | | | |
| 406 | ITU-R M.1854-1 | ITU-T | Use of mobile-satellite service in disaster response and relief | Process standard | 2012 | INT | PU | |
| 407 | ITU-R BT.1774-2 | ITU | Use of satellite and terrestrial broadcast infrastructures for public warning, disaster mitigation and relief | Process standard | 2015 | INT | PU | |
| 408 | ITU-R S.1001- 2 | ITU | Use of systems in the fixed-satellite service in the event of natural disasters and similar emergencies for warning and relief operations | Process standard | 2010 | INT | PU | |
| 409 | P1939.1 | IEEE | Standard for a Framework for Structuring Low Altitude Airspace for Unmanned Aerial Vehicle (UAV) Operations | Process standard | 2020 | NTL | PU | LAAUAV - Low Altitude Airspace for UAV Operations |
| 410 | IEEE 2821-2020 | IEEE | IEEE Approved Draft Guide for Unmanned Aerial Vehicle-based | Process standard | 2020 | NTL | PU | UAVWG_p2821 |

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| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|---|---|---|---|---|---|---|---|
| | | | Patrol Inspection System for Transmission Lines | | | | | |
| 411 | | OGC | OGC Catalogue Services 3.0 - General Model | Service Standard | | INT | PU | |
| 412 | | OGC | OGC City Geography Markup Language (CityGML) Encoding Standard | Standard on data | | INT | PU | |
| 413 | | OGC | OpenGIS Coordinate Transformation Service Implementation Specification | Service Standard | | INT | PU | |
| 414 | | OGC | OGC EO Dataset Metadata GeoJSON(-LD) Encoding Standard | Standard on data | | INT | PU | |
| 415 | | OGC/ISO | OGC Filter Encoding 2.0 Encoding Standard - With Corrigendum | Standard on data | | INT | PU | OGC/ISO-TC/211 |
| 416 | | OGC | GeoAPI 3.0 Implementation Standard with corrigendum | Standard on data | | INT | PU | |
| 417 | | OGC | OGC Geopackage Encoding Standard - with Corrigendum | Standard on data | | INT | PU | |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
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| 418 | | OGC | OGC GeoSPARQL - A Geographic Query Language for RDF Data | Standard on data | | INT | PU | |
| 419 | | OGC | OGC Geography Markup Language (GML) - Extended schemas and encoding rules | Standard on data | | INT | PU | |
| 420 | | OGC | OGC GeoRSS Encoding Standard | Standard on data | | INT | PU | |
| 421 | | OGC | OGC GeoTIFF Standard | Standard on data | | INT | PU | |
| 422 | | OGC | OGC Hierarchical Data Format Version 5 (HDF5) Core Standard | Standard on data | | INT | PU | |
| 423 | | OGC | OGC IndoorGML 1.1 | Standard on data | | INT | PU | |
| 424 | | OGC | OGC Indexed 3d Scene Layer (I3S) and Scene Layer Package Format Specification | Standard on data | | INT | PU | |
| 425 | | OGC | OGC KML | Standard on data | | INT | PU | |
| 426 | | OGC | OGC LandInfra / InfraGML | Standard on data | | INT | PU | |
| 427 | | OGC | LAS Specification 1.4 OGC Community Standard | Standard on data | | INT | PU | |
| 428 | | OGC | OpenGIS Location Service (OpenLS) Implementation | Service Standard | | INT | PU | |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|-------|--------|-----------|
| | | | Specification: Core Services | | | | | |
| 429 | | OGC | OGC Network Common Data Form (NetCDF) Core Encoding Standard version 1.0 | Standard on data | | INT | PU | |
| 430 | | OGC | Observations and Measurements - XML Implementation | Standard on data | | INT | PU | |
| 431 | | OGC | OGC: Open GeoSMS Standard - Core | Service Standard | | INT | PU | |
| 432 | | OGC | OGC Open Modelling Interface Standard | Interface standard | | INT | PU | |
| 433 | | OGC | OGC Web Services Security | Service Standard | | INT | PU | |
| 434 | | OGC | OGC PipelineML Conceptual and Encoding Model Standard | Standard on data | 2019 | INT | PU | |
| 435 | | OGC | OGC PUCK Protocol Standard | Standard on data | | INT | PU | |
| 436 | | OGC | OGC SWE Common Data Model Encoding Standard | Standard on data | | INT | PU | |
| 437 | | OGC | OpenGIS SWE Service Model Implementation Standard | Service Standard | | INT | PU | |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| 438 | | OGC | OGC SensorML: Model and XML Encoding Standard | Standard on data | | INT | PU | |
| 439 | | OGC | Sensor Observation Service | Service Standard | | INT | PU | |
| 440 | | OGC | SensorThings API Part 1: Sensing (IoT) | Interface standard | | INT | PU | |
| 441 | | OGC | OGC Symbology Conceptual Model: Core Part | Terminology standard | | INT | PU | |
| 442 | DI-SAFT-80931B | DOD | Explosive Ordnance Disposal Data | Testing standard | | NTL | PU | |
| 443 | AIAA R-103-2004 | AIAA | Recommended Practice: Terminology For Unmanned Aerial Vehicles And Remotely Operated Aircraft | Terminology standard | | NTL | PU | |
| 444 | | OASIS | Emergency Data Exchange Language (EDXL) Hospital AVailability Exchange (HAVE) Version 2.0 | Service Standard | 2019 | INT | PU | |
| 445 | | OASIS | Emergency Data Exchange Language (EDXL) Tracking of Emergency Patients (TEP) Version 1.1 | Service Standard | 2018 | INT | PU | |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
|---|------|-----|----------------|-------------------|------|----------|--------|-----------|
| 446 | | OASIS | TSO (Tactical Situation Object) | Interface standard | | INT | PU | |
| 447 | ETSI TS 103 650-2 V1.1.1 (2020-01) | ETSI | Emergency Communications (EMTEL); Testing - Conformance test specifications for core elements for network independent access to emergency services (NG112); Part 1: Protocol Implementation Conformance Statement (PICS), Test Suite Structure and Test Purposes (TSS & TP) | Interface standard | 2020 | EU | PU | |
| 448 | ETSI TS 103 650-1 V1.1.1 (2020-01) | ETSI | Emergency Communications (EMTEL); Testing - Conformance test specifications for core elements for network independent access to emergency services (NG112); Part 2: Abstract Test Suite | Interface standard | 2020 | EU | PU | |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
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|  |  |  | (ATS) and Protocol Implementation eXtra Information for Testing (PIXIT) |  |  |  |  |  |
| 449 | Draft CEN CWA | CEN | Requirements for acquiring digital information from victims during search and rescue operations | Service standard |  | EU | UD |  |
| 450 | Draft CEN CWA | CEN | Structuring the emergency response plans of public safety agencies focusing on incidents such as CBRN and waste disposal plants emergencies | Basic Standard |  | EU | UD |  |
| 451 | Draft CEN CWA | CEN | Emergency Management - Rapid damage assessment of buildings and alerting protocol | Service standard |  | EU | UD |  |
| 452 | Draft CEN CWA | CEN | Collaborative Emergency Response – Communication and sharing of operational information among | Service standard |  | EU | UD |  |

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| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
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| | | | multiple public safety agencies | | | | | |
| 453 | Draft CEN CWA | CEN | Guidelines for effective social media messages in crisis and disaster management | Service standard | | EU | UD | |
| 454 | Draft CEN CWA | CEN | Improvement of information processing in crisis management of critical infrastructures for computer assisted data gathering, display and reporting | Service Standard | | EU | UD | |
| 455 | Draft CEN CWA | CEN | Standardisation of Implementation Guidelines for evaluation and assessment reporting of exercises for crisis management | Basic standard | | EU | UD | |
| 456 | Draft CEN CWA | CEN | Specifications for Digital Scenarios for Search and Rescue Exercises | Service Standard | | EU | UD | |
| 457 | Draft CEN CWA | CEN | Urban search and rescue - Guideline for the application of a | Service Standard | | EU | UD | |

| # | Name | SDO | Standard Title | Standard Category | Year | Level[1] | Status | Author_TC |
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| | | | test method for innovative technologies to detect victims in debris | | | | | |
| 458 | Draft CEN CWA | CEN | Requirements on information exchange across borders and organisations | | | EU | UD | |
| 459 | ICD-10 | World Health Organization | International Statistical Classification of Diseases and Related Health Problems 10th Revision | Terminology Classification | 1983 | INT | PU | |
| 460 | ATC | World Health Organization | Anatomical Therapeutic Chemical (ATC) Classification | Terminology Classification | | INT | | |
| 461 | SNOMED CT GPS | SNOMED International | SNOMED Clinical Terms Global Patient Set (GPS) subset | Terminology Classification | 2019 | INT | PU | |