



## Smart Ecomine Hub: Standardization Working Group

# Introduction

Within task 5.5 of **Mastermine project**, “Clustering with the EU mining R&I community and **Standardization**”, **ITA** oversees the work towards Standardization of the project by monitoring relating Standards and making suggestion to improve.

# Schedule

Introduction	9:00 - 9:05
 <b>mastermine</b>	9:05 - 9:35
 <b>MINE.IO</b>	9:35 - 10:05
 <b>DINAMINE</b>	10:05 - 10:35
 <b>NETHELIX</b>	10:35 - 11:05
Questions-Discussion	11:10 – 12:00

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1. *METHODOLOGY*
2. *FIRST ACTIONS*
3. *STANDARDS WITHIN THE CONSORTIUM*
4. *REGISTRATION IN TECHNICAL COMMITTEES*
5. *ESTABLISHMENT OF A WORKGROUP FOR STANDARDIZATION ISSUES*
6. *MONITORIZATION OF RELATING STANDARDS. WORKFLOW*
7. *EXAMPLE*
8. *NEXT ACTIONS*

# 1. Methodology



- Contacting Consortium
- Build panel of Standards
- Studying ISO/TCs
- Registration in TCs
- Reviewing the methodology
- Establishment of a workflow
- Launching the WSI
- Monitoring Standards
- Notifying partners
- Making suggestions to improve

## 2. First Actions

Topic of Action	Actions	Lead Partner
<b>MONITORING RELATING STANDARDS AND MAKING SUGGESTION TO IMPROVE</b>	<ul style="list-style-type: none"><li>- Contact Consortium to check their belonging to National and/or European Technical Committees for Standardization concerning MASTERMINE</li></ul>	ITA
	<ul style="list-style-type: none"><li>- Contact Consortium to build the panel with the Standards to be used in every MASTERMINE module</li></ul>	ITA
	<ul style="list-style-type: none"><li>- Collect the Standards to be monitored, at least ISO/TC 82 , and study this Technical Committee</li></ul>	ITA

### 3. Standards within the Consortium

**1<sup>st</sup> Action:** Contact Consortium to check their belonging to National and/or European Technical Committees for Standardization concerning MASTERMINE

Short Name	Technical Committee for Standardization	Standard organization	Details	Other standards
ITA	None	-	-	
CORE	None	-	-	
ICCS	None	-	-	
ISE	None	-	-	Interested in learning about existing standards for hydrometallurgy processes, recycling and material recovery from aqueous brines.
GIG	KT 275 for Technology and Hazards in mining	PKN	Dealing with CEN/TC 305; ISO/TC 263; ISO/TC 82/SC 7 CEN/TC 305 Potentially explosive atmospheres - Explosion prevention and protection ISO/TC 263 Coalbed methane (CBM) ISO TC/82/SC 7 Mine closure and reclamation management	RED Directive: 2014/35/EU Low Voltage Directive: 2014/35/EU EMC Directive: 2014/30/EU ROHS Recast Directive: 2011/65/EU WEEE Directive: 2012/19/EU REACH Regulation: 2006/1907/EC
DUTH	None	-	-	SFS-ISO 13370-2, CONDITION MONITORING AND DIAGNOSTICS OF MACHINES. VIBRATION CONDITION MONITORING. PART 2: PROCESSING, ANALYSIS AND PRESENTATION OF VIBRATION DATA SFS-EN 842 + A1, KONETURVALISUUS, NÄKÖN PERUSTUVAT VAARAISIGAALUT, YLEISET VAATIMUKSET, SUUNNITELU JA TESTATUS, Safety of machinery. Visual danger signals. General requirements, design and testing. SFS-EN 894-1 + A1, KONETURVALISUUS, MERKINTÄLAITTEIDEN JA OHJAIMIEN SUUNNITTELUUN ERGONOMISET VAATIMUKSET, OSA 1: YLEiset PERIAATEET KOSKENEEN MÄÄRÄYSTEN JA KÄÄNTÖJEN VÄLIIN, Safety of machinery. Ergonomics requirements for the design of displays and control units. Part 1: General principles for human interactions with displays and control actuators. SFS-EN 981 + A1, KONETURVALISUUS, KUULON JA NÄKÖN PERUSTUVAT VAARA- JA MERKINTÄSIGNAALIEN JÄRJESTELMÄ, Safety of machinery. System of auditory and visual danger and information signals. SFS-EN 1009-1:2020:en, Machines for mechanical processing of minerals and similar solid materials. Safety. Part 1: Common requirements for machinery and processing plants. SFS-EN 1289 - A1, MÄÄRÄYKSEN VÄÄTTÄVÄ JA OSAV. KONETURVALISUUS, OHJESTA TÄRNÄLLÄTTEEN ERISTÄMÄISEKSI Mechanical vibration and shock, vibration isolation of machines. Information for the application of source isolation SFS-EN 1004-1:2020:en, Machines for underground mines. Safety requirements for hydraulic powered roof supports. Part 1: Support units and general requirements. / Part 2: Power set legs and rams / Part 3: Hydraulic and electrohydraulic control systems SFS-EN 6310-1, KONETURVALISUUS, MERKINTÄÄÄMINEN, MERKITSEMÄÄMINEN JA VAIKUTTÄÄMINEN, OSA 1: NÄKÖN KUULON JA TUNTOON PERUSTUVA SIGNAALIJA JA KOSKEVAT VAATIMUKSET, Safety of machinery. Indication, marking and actuation. Part 1: Requirements for visual, acoustic and tactile signals. Initiatives like EPOS (European Plate Observing System)
AUTH	None	-	-	
WMI	-	-	-	
SUB TERRA	None	-	-	
AURORA	None	-	-	ISO9001 (Quality assurance), ISO14000 (Environmental management), ISO27000 (Information security)
LIBRA	None	-	-	
STRATA	None	-	-	ISO 14044: 2006, Environmental Management – Life Cycle Assessment – Requirements and guidelines ISO 14040: 2006, Environmental Management – Life Cycle Assessment – Principles and Framework
TERRADUE	OGC	OGC	Open Geospatial Consortium	
DARES	None	-	-	
DTI	None	-	-	
LINKS	None	-	-	Interested and aware of standards for the digital twin W3C recommendations: Verifiable Credentials Data Model v1.1 Decentralized identifiers (DIDs) v1.0 Tentative use of EPICIS Standard: Enables disparate applications to create and share visibility event data, both within and across enterprises.
TAPO	None	-	-	Tentatively ISO 17757:2019: Earth-moving machinery and mining – Autonomous and semi-autonomous machine system safety and others
THARSIS	None	-	-	
TERNA	None	-	-	
JSW	KT 275 for Technology and Hazards in mining	PKN	Dealing with CEN/TC 305; ISO/TC 263; ISO/TC 82/SC 7 CEN/TC 305 Potentially explosive atmospheres - Explosion prevention and protection ISO/TC 263 Coalbed methane (CBM) ISO TC/82/SC 7 Mine closure and reclamation management	
ETICAS	None	-	-	

### 3. Standards within the Consortium

**2<sup>nd</sup> Action:** Contact Consortium to build the panel with the Standards to be used in every MASTERMINE module. Panel with the Standards to be used:

SOURCE	TECHNICAL COMMITTEE	TECHNICAL COMMITTEE - TOPIC	STANDARD	YEAR	STANDARD TITLE
International Organization for Standardization	ISO/TC 108	Mechanical vibration, shock and condition monitoring	ISO 13373-2:2016	2016	Condition monitoring and diagnostics of machines - Vibration condition monitoring - Part 2: Processing, analysis and presentation of vibration signals
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 11861:1993	1993	Earth-moving machinery - Auxiliary starting aid electrical connector
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 12511:1997	1997	Earth-moving machinery - Hour meters
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 14990-1:2016	2016	Earth-moving machinery - Electrical safety of machines utilizing electric drives and related components and systems - Part 1: General requirements
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 14990-2:2016	2016	Earth-moving machinery - Electrical safety of machines utilizing electric drives and related components and systems - Part 2: Particular requirements
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 14990-3:2016	2016	Earth-moving machinery - Electrical safety of machines utilizing electric drives and related components and systems - Part 3: Particular requirements
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 15143-1:2010	2010	Earth-moving machinery and mobile road construction machinery - Worksite data exchange - Part 1: System architecture
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 15143-2:2010	2010	Earth-moving machinery and mobile road construction machinery - Worksite data exchange - Part 2: Data dictionary
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 15817:2012	2012	Earth-moving machinery - Safety requirements for remote operator control systems
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 17757:2019	2019	Earth-moving machinery and mining - Autonomous and semi-autonomous machine system safety
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 20474-5:2017	2017	Earth-moving machinery - Safety - Part 5: Requirements for hydraulic excavators
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 3164:2013	2013	Earth-moving machinery - Laboratory evaluations of protective structures - Specifications for deflection-limiting volume
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 3450:2011	2011	Earth-moving machinery - Wheeled or high-speed rubber-tracked machines - Performance requirements and test procedures for braking
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 5005:1977	1977	Earth-moving machinery - Method for locating the centre of gravity
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 6014:1986	1986	Earth-moving machinery - Determination of ground speed
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 6015:2006	2006	Earth-moving machinery - Hydraulic excavators and backhoe loaders - Methods of determining tool force
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 6016:2008	2008	Earth-moving machinery - Methods of measuring the masses of whole machines, their equipment and components
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 6165:2022	2022	Earth-moving machinery - Basic types - Identification and vocabulary
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 6302:1993	1993	Earth-moving machinery - Drain, fill and level plugs
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 6392-1:1996	1996	Earth-moving machinery - Lubrication fittings - Part 1: Nipple type
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 6392-2:1996	1996	Earth-moving machinery - Lubrication fittings - Part 2: Grease-gun nozzles
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 8643:2017	2017	Earth-moving machinery - Hydraulic excavator and backhoe loader lowering control device - Requirements and tests
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 8925:1989	1989	Earth-moving machinery - Diagnostic ports
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 9247:1990	1990	Earth-moving machinery - Electrical wires and cables - Principles of identification and marking
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 9248:1992	1992	Earth-moving machinery - Units for dimensions, performance and capacities, and their measurement accuracies
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO/TS 15143-3:2020	2020	Earth-moving machinery and mobile road construction machinery - Worksite data exchange - Part 3: Telematics data
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO/TS 19014-5:2021	2021	Earth-moving machinery - Functional safety - Part 5: Tables of performance levels
International Organization for Standardization	ISO/TC 145	Graphical symbols	ISO 3864-1:2011	2011	Graphical symbols - Safety colours and safety signs - Part 1: Design principles for safety signs and safety markings
International Organization for Standardization	ISO/TC 145	Graphical symbols	ISO 3864-3:2012	2012	Graphical symbols - Safety colours and safety signs - Part 3: Design principles for graphical symbols for use in safety signs
International Organization for Standardization	ISO/TC 176	Quality management and quality assurance	ISO 9001:2015	2015	Quality management systems - Requirements
International Organization for Standardization	ISO/TC 207	Environmental management systems	ISO 14000 Family	-	-
International Organization for Standardization	ISO/TC 263	Coated methane (CBM)	ISO/TC 263 Standards	-	-
International Organization for Standardization	ISO/TC 275	Sludge recovery, recycling, treatment and disposal	ISO/TC 275 Standards	-	-
International Organization for Standardization	ISO/TC 82	Mining	ISO 18758-1:2018	2018	Mining and earth-moving machinery - Rock drill rigs and rock reinforcement rigs - Part 1: Vocabulary
International Organization for Standardization	ISO/TC 82	Mining	ISO 18758-2:2018	2018	Mining and earth-moving machinery - Rock drill rigs and rock reinforcement rigs - Part 2: Safety requirements
International Organization for Standardization	ISO/TC 82	Mining	ISO 19426-1:2018	2018	Structures for mine shafts - Part 1: Vocabulary
International Organization for Standardization	ISO/TC 82	Mining	ISO 19426-2:2018	2018	Structures for mine shafts - Part 2: Headframe structures
International Organization for Standardization	ISO/TC 82	Mining	ISO 19426-3:2018	2018	Structures for mine shafts - Part 3: Sinking stages
International Organization for Standardization	ISO/TC 82	Mining	ISO 19426-4:2018	2018	Structures for mine shafts - Part 4: Conveyances
International Organization for Standardization	ISO/TC 82	Mining	ISO 19426-5:2018	2018	Structures for mine shafts - Part 5: Shaft systems structures
International Organization for Standardization	ISO/TC 82	Mining	ISO 19426-7:2021	2021	Structures for mine shafts - Part 7: Rope guides
International Organization for Standardization	ISO/TC 82	Mining	ISO 20305:2020	2020	Mine closure and reclamation - Vocabulary
International Organization for Standardization	ISO/TC 82	Mining	ISO 21795-1:2021	2021	Mine closure and reclamation planning - Part 1: Requirements
International Organization for Standardization	ISO/TC 82	Mining	ISO 21795-2:2021	2021	Mine closure and reclamation planning - Part 2: Guidance
International Organization for Standardization	ISO/TC 82	Mining	ISO 22932-2:2020	2020	Mining - Vocabulary - Part 2: Geology
International Organization for Standardization	ISO/TC 82	Mining	ISO 23872:2021	2021	Mining structures - Underground structures
International Organization for Standardization	ISO/TC 82	Mining	ISO 23875-2:2021	2021	Mining - Air quality control systems for operator enclosures - Performance requirements and test methods
International Organization for Standardization	ISO/TC 82	Mining	ISO 23875-2021/Amend 1:2022	2022	Mining - Air quality control systems for operator enclosures - Performance requirements and test methods - Amendment 1
International Electrotechnical Commission	IEC/TC 44	Safety of machinery - Electrotechnical aspects	EN 61310-1:2008	2008	Safety of machinery - Indication, marking and actuation - Part 1: Requirements for visual, acoustic and tactile signals
International Electrotechnical Commission	IEC/TC 44	Safety of machinery - Electrotechnical aspects	EN 61310-2:2008	2008	Safety of machinery - Indication, marking and actuation - Part 2: Requirements for marking
International Electrotechnical Commission	IEC/TC 44	Safety of machinery - Electrotechnical aspects	EN IEC 62061:2021	2021	Safety of machinery - Functional safety of safety-related control systems
International Electrotechnical Commission	IEC/TC 3	Graphical symbols for electrotechnology	EN 60073:2002	2002	Basic and safety principles for man-machine interface, marking and identification - Coding principles for indicators and actuators
International Electrotechnical Commission	ISO/IEC JTC 1/SC 27	Information security, cybersecurity and privacy protection	ISO/IEC 27000:2018	2018	Information technology - Security techniques - Information security management systems - Overview and vocabulary
International Electrotechnical Commission	ISO/IEC JTC 1/SC 7	Software and systems engineering	ISO/IEC 26702:2007	2007	Systems engineering - Application and management of the systems engineering process
International Electrotechnical Commission	ISO/IEC JTC 1/SC 7	Software and systems engineering	ISO/IEC/IEEE 24748-4:2016	2016	Systems and software engineering - Life cycle management - Part 4: Systems engineering planning
International Electrotechnical Commission	ISO/IEC JTC 1/SC 7	Software and systems engineering	ISO/IEC/IEEE 26511:2018	2018	Systems and software engineering - Requirements for managers of information for users of systems, software, and services
International Electrotechnical Commission	ISO/IEC JTC 1/SC 7	Software and systems engineering	ISO/IEC 29119-1:2022	2022	Software and systems engineering - Software testing - Part 1: General concepts

### 3. Standards within the Consortium

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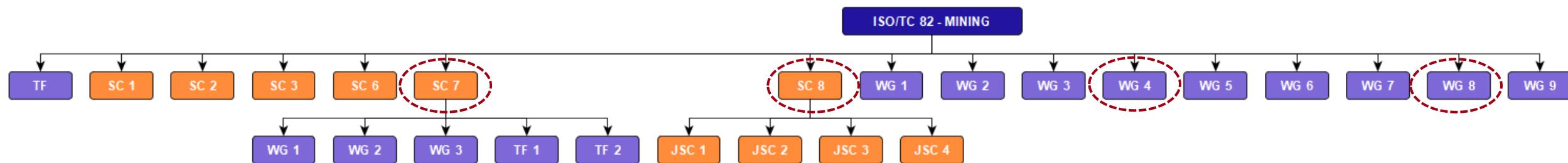
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International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 12511:1997	1997	Earth-moving machinery - Hour meters
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 14990-1:2016	2016	Earth-moving machinery - Electrical safety of machines utilizing electric drives and related components and systems - Part 1: General requirements
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International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 15817:2012	2012	Earth-moving machinery - Safety requirements for remote operator control systems
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 17757:2019	2019	Earth-moving machinery and mining - Autonomous and semi-autonomous machine system safety
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 20474-5:2017	2017	Earth-moving machinery - Safety - Part 5: Requirements for hydraulic excavators

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International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 17757:2019	2019	Earth-moving machinery and mining - Autonomous and semi-autonomous machine system safety
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 20474-5:2017	2017	Earth-moving machinery - Safety - Part 5: Requirements for hydraulic excavators
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 6592-2:1996	1996	Earth-moving machinery - Construction machinery - Part 2: Thread joint nozzles
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 8643:2017	2017	Earth-moving machinery - Hydraulic excavator and backhoe loader lowering control device - Requirements and tests
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 8925:1989	1989	Earth-moving machinery - Diagnostic ports
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 9247:1990	1990	Earth-moving machinery - Electrical wires and cables - Principles of identification and marking
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International Organization for Standardization	ISO/TC 275	Sludge recovery, recycling, treatment and disposal	ISO/TC 275 Standard	-	-
International Organization for Standardization	ISO/TC 82	Mining	ISO 18758-1:2018	2018	Mining and earth-moving machinery - Rock drill rigs and rock reinforcement rigs - Part 1: Vocabulary
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International Organization for Standardization	ISO/TC 82	Mining	ISO 19426-7:2021	2021	Structures for mine shafts - Part 7: Rope guides
International Organization for Standardization	ISO/TC 82	Mining	ISO 20305:2020	2020	Mine closure and reclamation - Vocabulary
International Organization for Standardization	ISO/TC 82	Mining	ISO 21795-1:2021	2021	Mine closure and reclamation planning - Part 1: Requirements
International Organization for Standardization	ISO/TC 82	Mining	ISO 21795-2:2021	2021	Mine closure and reclamation planning - Part 2: Guidance
International Organization for Standardization	ISO/TC 82	Mining	ISO 22932-2:2020	2020	Mining - Vocabulary - Part 2: Geology
International Organization for Standardization	ISO/TC 82	Mining	ISO 23872:2021	2021	Mining structures - Underground structures
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International Electrotechnical Commission	ISO/IEC JTC 1/SC 7	Software and systems engineering	ISO/IEC/IEEE 24748-4:2016	2016	Systems and software engineering - Life cycle management - Part 4: Systems engineering planning
International Electrotechnical Commission	ISO/IEC JTC 1/SC 7	Software and systems engineering	ISO/IEC/IEEE 26511:2018	2018	Systems and software engineering - Requirements for managers of information for users of systems, software, and services
International Electrotechnical Commission	ISO/IEC JTC 1/SC 7	Software and systems engineering	ISO/IEC/IEEE 29119-1:2022	2022	Software and systems engineering - Software testing - Part 1: General concepts

### 3. Standards within the Consortium

**3<sup>rd</sup> Action:** Collect the Standards to be monitored, at least ISO/TC 82 , and study this Technical Committee

- ISO/TC 82 - MINING is subdivided in:
  - 9 WG (Workgroups)
  - 1 TF (Task Force)
  - 6 SC (Subcommittees)
    - \*SC 7 is subdivided in other 2 TF and 3 WG
    - \*SC 8 is subdivided in other 4 SC belonging to the ISO/TC 127 – these SC are called JSC (Joint Subcommittees)
- 10 of these 16 subgroups were not working at any Standards in 2023.
- Most active subgroups are:
  - ISO/TC 82/WG 4
  - ISO/TC 82/WG 8
  - ISO/TC 82/SC 7
  - ISO/TC 82/SC 8



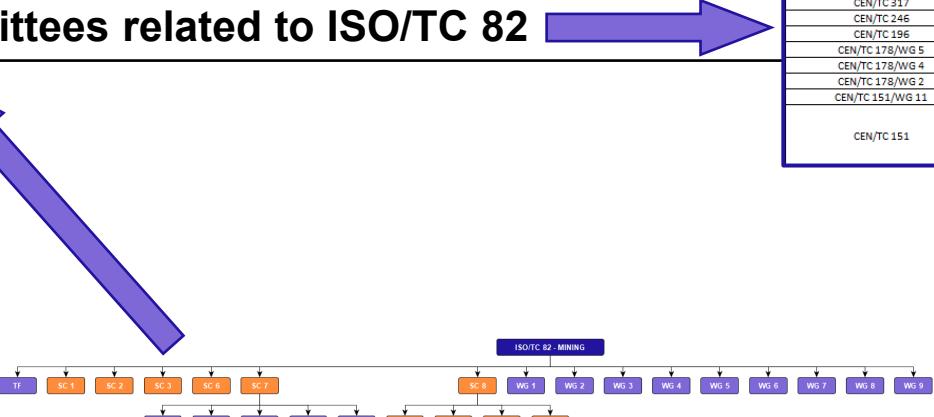
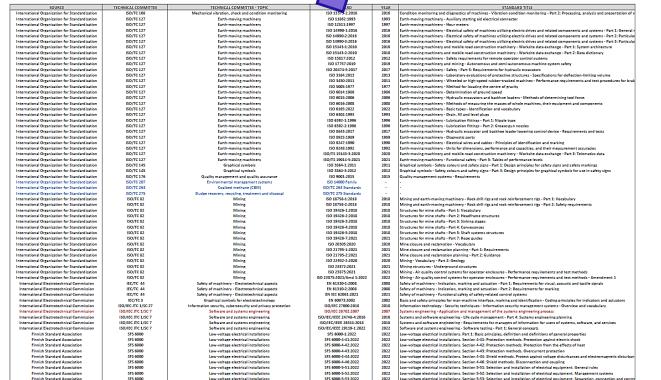
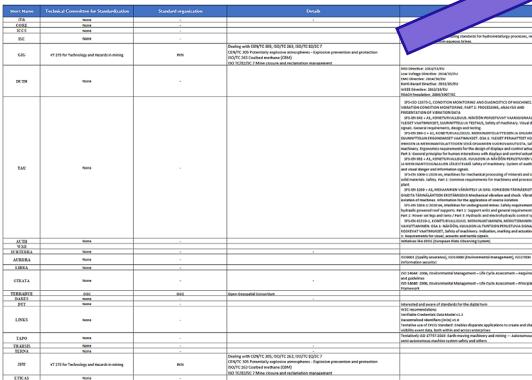
### 3. Standards within the Consortium

Standards belonging to ISO/TC 82:

- 7 Standards were under development in 2023, e.g., ISO/DIS 24419
- 15 Standards have been published:
  - ISO 21795-1:2021 *Mine closure and reclamation planning — Part 1: Requirements*
  - ISO 21795-2:2021 *Mine closure and reclamation planning — Part 2: Guidance*
  - ISO 20305:2020 *Mine closure and reclamation — Vocabulary*
  - ISO 18758-1:2018 *Mining and earth-moving machinery — Rock drill rigs and rock reinforcement rigs — Part 1: Vocabulary*
  - ISO 18758-2:2018 *Mining and earth-moving machinery — Rock drill rigs and rock reinforcement rigs — Part 2: Safety requirements*
  - ISO 23872:2021 *Mining structures — Underground structures*
  - ISO 19426-1:2018 *Structures for mine shafts — Part 1: Vocabulary*
  - ISO 19426-2:2018 *Structures for mine shafts — Part 2: Headframe structures*
  - ISO 19426-3:2018 *Structures for mine shafts — Part 3: Sinking stages*
  - ISO 19426-4:2018 *Structures for mine shafts — Part 4: Conveyances*
  - ISO 19426-5:2018 *Structures for mine shafts — Part 5: Shaft systems structures*
  - ISO 19426-7:2021 *Structures for mine shafts — Part 7: Rope guides*
  - ISO 22932-2:2020 *Mining — Vocabulary — Part 2: Geology*
  - ISO 23875:2021 *Mining — Air quality control systems for operator enclosures — Performance requirements and test methods*
  - ISO 23875:2021/Amd 1:2022 *Mining — Air quality control systems for operator enclosures — Performance requirements and test methods*

## 4. Registration in Technical Committees

Topic of Action	Actions
<b>MONITORING RELATING STANDARDS AND MAKING SUGGESTION TO IMPROVE</b>	<ul style="list-style-type: none"> <li>- Contact Consortium to check their belonging to National and/or European Technical Committees for Standardization concerning MASTERMINE</li> <li>- Contact Consortium to build the panel with the Standards to be used in every MASTERMINE module</li> <li>- Collect the Standards to be monitored, at least ISO/TC 82 , and study this Technical Committee</li> <li>- <b>Registration in Technical Committees related to ISO/TC 82</b> </li> </ul>



## 5. Establishment of a Workgroup for Standardization Issues

Topic of Action	Actions
MONITORING RELATING <b>STANDARDS</b> AND MAKING SUGGESTION TO IMPROVE	<ul style="list-style-type: none"><li>- Registration in Technical Committees related to ISO/TC 82</li><li>- Establishment of a Workgroup for Standardization Issues</li><li>- Monitoring Standards from ISO/TC 82 and ISO/TC 127 related to the topics of interest</li><li>- Notifying partners about changes in the Standards related to their topics of interest</li></ul>

# 5. Establishment of a Workgroup for Standardization Issues

Relate each Standard with its TC and a reference topic:

SOURCE	TECHNICAL COMMITTEE	TECHNICAL COMMITTEE - TOPIC	STANDARD	YEAR	STANDARD TITLE
International Organization for Standardization	ISO/TC 108	Mechanical vibration, shock and condition monitoring	ISO 13373-2:2016	2016	Condition monitoring and diagnostics of machines - Vibration condition monitoring - Part 2: Processing, analysis and presentation of vibration signals
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 11862:1993	1993	Earth-moving machinery - Auxiliary starting aid electrical connector
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 12511:1997	1997	Earth-moving machinery - Hour meters
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 14990-1:2016	2016	Earth-moving machinery - Electrical safety of machines utilizing electric drives and related components and systems - Part 1: General requirements
International Organization for Standardization	ISO/TC 127	Earth-moving machinery	ISO 14990-2:2016	2016	Earth-moving machinery - Electrical safety of machines utilizing electric drives and related components and systems - Part 2: Particular requirements



TECHNICAL COMMITTEE (TC/SC)	TECHNICAL COMMITTEE	STANDARD	TOPIC	Family of Standards
ISO/TC 82/SC 8	Mining - Advanced automated mining systems	ISO/TC 82/SC 8 Standards	Advanced automated mining systems	
ISO/TC 82/SC 7	Mining - Mine closure and reclamation management	ISO 20305:2020	Mine closure and reclamation management	
ISO/TC 82/SC 7	Mining - Mine closure and reclamation management	ISO 21795-1:2021	Mine closure and reclamation management	
ISO/TC 82/SC 7	Mining - Mine closure and reclamation management	ISO 21795-2:2021	Mine closure and reclamation management	
ISO/TC 82	Mining	ISO 18758-1:2018	Terminology and vocabulary	
ISO/TC 82	Mining	ISO 18758-2:2018	Safety - Mining machinery and equipment	
ISO/TC 82	Mining	ISO 19426-1:2018	Structure for mine shafts	
ISO/TC 82	Mining	ISO 19426-2:2018	Structure for mine shafts	
ISO/TC 82	Mining	ISO 19426-3:2018	Structure for mine shafts	
ISO/TC 82	Mining	ISO 19426-4:2018	Structure for mine shafts	
ISO/TC 82	Mining	ISO 19426-5:2018	Structure for mine shafts	
ISO/TC 82	Mining	ISO 19426-7:2021	Structure for mine shafts	
ISO/TC 82	Mining	ISO 22932-2:2020	Terminology and vocabulary	
ISO/TC 82	Mining	ISO 23872:2021	Structure for mine shafts	
ISO/TC 82	Mining	ISO 23875:2021	Safety - Mining machinery and equipment	
ISO/TC 82	Mining	ISO 23875:2021/Amd 1:2022	Safety - Mining machinery and equipment	
ISO/TC 345	Specialty metals and minerals	ISO/TC 345 Standards	Metals and minerals	Family of Standards
ISO/TC 298	Rare earth	ISO/TC 298 Standards	Metals and minerals	Family of Standards
ISO/TC 27/SC 5	Coal and coke: Methods of analysis	ISO/TC 27 Standards	Coal and coke	Family of Standards
ISO/TC 27/SC 4	Coal and coke: Sampling	ISO/TC 27 Standards	Coal and coke	Family of Standards
ISO/TC 27/SC 3	Coke	ISO/TC 27 Standards	Coal and coke	Family of Standards
ISO/TC 27/SC 1	Coal preparation: Terminology and performance	ISO/TC 27 Standards	Coal and coke	Family of Standards
ISO/TC 27	Coal and coke	ISO/TC 27 Standards	Coal and coke	Family of Standards
ISO/TC 183	Copper, lead, zinc and nickel ores and concentrates	ISO/TC 183 Standards	Metals and minerals	Family of Standards
ISO/TC 127/SC 4	Earth-moving machinery - Terminology, commercial nomenclature, classification and ratings	ISO 6165:2022	Terminology and vocabulary	
ISO/TC 127/SC 3	Earth-moving machinery - Machine characteristics, electrical and electronic systems, operation and maintenance	ISO 11862:1993	Electrical and Electronic Systems of Earth-moving machinery	
ISO/TC 127/SC 3	Earth-moving machinery - Machine characteristics, electrical and electronic systems, operation and maintenance	ISO 12511:1997	Electrical and Electronic Systems of Earth-moving machinery	
ISO/TC 127/SC 3	Earth-moving machinery - Machine characteristics, electrical and electronic systems, operation and maintenance	ISO 14990-1:2016	Electrical and Electronic Systems of Earth-moving machinery	
ISO/TC 127/SC 3	Earth-moving machinery - Machine characteristics, electrical and electronic systems, operation and maintenance	ISO 14990-2:2016	Electrical and Electronic Systems of Earth-moving machinery	
ISO/TC 127/SC 3	Earth-moving machinery - Machine characteristics, electrical and electronic systems, operation and maintenance	ISO 14990-3:2016	Electrical and Electronic Systems of Earth-moving machinery	
ISO/TC 127/SC 3	Earth-moving machinery - Machine characteristics, electrical and electronic systems, operation and maintenance	ISO 15143-1:2010	Electrical and Electronic Systems of Earth-moving machinery	
ISO/TC 127/SC 3	Earth-moving machinery - Machine characteristics, electrical and electronic systems, operation and maintenance	ISO 15143-2:2010	Electrical and Electronic Systems of Earth-moving machinery	
ISO/TC 127/SC 3	Earth-moving machinery - Machine characteristics, electrical and electronic systems, operation and maintenance	ISO 8925:1989	Electrical and Electronic Systems of Earth-moving machinery	
ISO/TC 127/SC 3	Earth-moving machinery - Machine characteristics, electrical and electronic systems, operation and maintenance	ISO 9247:1990	Electrical and Electronic Systems of Earth-moving machinery	
ISO/TC 127/SC 3	Earth-moving machinery - Machine characteristics, electrical and electronic systems, operation and maintenance	ISO/TS 15143-3:2020	Electrical and Electronic Systems of Earth-moving machinery	

## 5. Establishment of a Workgroup for Standardization Issues

Relate each TC with the reference topic:

TECHNICAL COMMITTEE (TC/SC)	TECHNICAL COMMITTEE	STANDARD	TOPIC
ISO/TC 82/SC 8	Mining - Advanced automated mining systems	ISO/TC 82/SC 8 Standards	Advanced automated mining systems
ISO/TC 82/SC 7	Mining - Mine closure and reclamation management	ISO 20305:2020	Mine closure and reclamation management
ISO/TC 82/SC 7	Mining - Mine closure and reclamation management	ISO 21705:1:2021	Mine closure and reclamation management
ISO/TC 82/SC 7	Mining - Mine closure and reclamation management		
ISO/TC 82	ISO/TC 82/SC 8	Mining - Advanced automated mining systems	Advanced automated mining systems
ISO/TC 82	ISO/TC 82/SC 7	Mining - Mine closure and reclamation management	Mine closure and reclamation management
ISO/TC 82	ISO/TC 82	Mining	Terminology and vocabulary
ISO/TC 82	ISO/TC 345	Specialty metals and minerals	Safety - Mining machinery and equipment
ISO/TC 82	ISO/TC 298	Rare earth	Structure for mine shafts
ISO/TC 82	ISO/TC 27/SC 5	Coal and coke: Methods of analysis	Metals and minerals
ISO/TC 82	ISO/TC 27/SC 4	Coal and coke: Sampling	Coal and coke
ISO/TC 82	ISO/TC 27/SC 3	Coke	Coal and coke
ISO/TC 82	ISO/TC 27/SC 1	Coal preparation: Terminology and performance	Coal and coke
ISO/TC 82	ISO/TC 27	Coal and coke	Coal and coke
ISO/TC 82	ISO/TC 183	Copper, lead, zinc and nickel ores and concentrates	Metals and minerals
ISO/TC 82	ISO/TC 127/SC 4	Earth-moving machinery - Terminology, commercial nomenclature, classification and ratings	Terminology and vocabulary
ISO/TC 82	ISO/TC 127/SC 3	Earth-moving machinery - Machine characteristics, electrical and electronic systems, operation and maintenance	Electrical and Electronic Systems of Earth-moving machinery
ISO/TC 82	ISO/TC 127/SC 2	Earth-moving machinery - Safety, ergonomics and general requirements	Safety - Earth-moving machinery
ISO/TC 82	ISO/TC 127/SC 1	Earth-moving machinery - Test methods relating to safety and machine performance	Machine performance and specifications
ISO/TC 27/SC 5	ISO/TC 127	Earth-moving machinery	Terminology and vocabulary
ISO/TC 27/SC 4	ISO/TC 263	Coalbed methane (CBM)	Electrical and Electronic Systems of Earth-moving machinery
ISO/TC 27/SC 3	CEN/TC 321/WG 6	Explosives and propellants	Safety - Earth-moving machinery
ISO/TC 27/SC 1	CEN/TC 321/WG 4	Detonators and relays	Machine performance and specifications
ISO/TC 27	CEN/TC 321	Explosives for civil uses	Terminology and vocabulary
ISO/TC 183	CEN/TC 317	Derivatives from coal pyrolysis	Electrical and Electronic Systems of Earth-moving machinery
ISO/TC 127/SC 4	CEN/TC 246	Natural stones	Safety - Earth-moving machinery
ISO/TC 127/SC 3	CEN/TC 196	Mining machinery and equipment - Safety	Metals and minerals
ISO/TC 127/SC 3	CEN/TC 178/WG 5	Tactile Paving	Safety - Mining machinery and equipment
ISO/TC 127/SC 3	CEN/TC 178/WG 4	Test methods for simulation of ageing of pavers by polishing	Paving units and kerbs
ISO/TC 127/SC 3	CEN/TC 178/WG 2	Natural stone products	Paving units and kerbs
ISO/TC 127/SC 3	CEN/TC 151/WG 11	Machines and plants for mining and tooling of natural stone - Safety	Paving units and kerbs
ISO/TC 127/SC 3	CEN/TC 151	Construction equipment and building material machines - Safety	Machines for mineral processing
ISO/TC 127/SC 3			Machine performance and specifications
ISO/TC 127/SC 3			Safety - Earth-moving machinery
ISO/TC 127/SC 3			Machines for mineral processing
ISO/TC 127/SC 3			Electrical and Electronic Systems of Earth-moving machinery
ISO/TC 127/SC 3		Earth-moving machinery - Machine characteristics, electrical and electronic systems, operation and maintenance	Electrical and Electronic Systems of Earth-moving machinery
ISO/TC 127/SC 3		Earth-moving machinery - Machine characteristics, electrical and electronic systems, operation and maintenance	Electrical and Electronic Systems of Earth-moving machinery

## 5. Establishment of a Workgroup for Standardization Issues

Relate each reference topic to a partner according to the expertise:

--- Workgroup for standardization issues ---			
TOPIC	PARTNERS	CONTACT	NOTIFY
Advanced automated mining systems	TAU / ITA	mtlazaro@ita.es, lmontano@ita.es, jussi.altonen@tuni.fi	
Coal and coke	JSW / GIG	sswaczyna@jsw.pl, mawenglorz@jsw.pl, awrana@gig.eu	
Electrical and Electronic Systems of Earth-moving machinery	TAU / ITA	mtlazaro@ita.es, lmontano@ita.es, jussi.altonen@tuni.fi	▶
Explosives	TERNAMAG / TAPO	gtsoupasi@ternamag.com, kgatos@ternamag.com, Markus.partanen@tapojarvi.fi, seppo.ahola@tapojarvi.fi	
Machine performance and specifications	TAU / TAPO	jussi.altonen@tuni.fi, Markus.partanen@tapojarvi.fi, seppo.ahola@tapojarvi.fi	▶
Machines for mineral processing	ICCS	andreas.mourelatos@iccs.gr	▶
Metals and minerals	AURORA	kostas.botsialas@aurora-geo.com	
Mine closure and reclamation management	SUBTERRA / GIG / JSW	awrana@gig.eu, sswaczyna@jsw.pl, mawenglorz@jsw.pl, subterra, gvaquero@systra.com	
Paving units and kerbs	???	???	
Safety - Earth-moving machinery	TERNAMAG	gtsoupasi@ternamag.com, kgatos@ternamag.com	▶
Safety - Mining machinery and equipment	GIG	awrana@gig.eu	
Structure for mine shafts	SUBTERRA / THARSIS	gvaquero@systra.com, felix.carnero@tharsismining.com, manuel.sevilla@tharsismining.com	
Terminology and vocabulary	AUTH	vpsomiadis@csd.auth.gr, mfoumelis@geo.auth.gr	

CHOOSE CTN/SC/WG -->	CEN/TC 151
	ISO/TC 82
	ISO/TC 345
	ISO/TC 298
	ISO/TC 27/SC 5
	ISO/TC 27/SC 4
	ISO/TC 27/SC 3
	ISO/TC 27/SC 1
	ISO/TC 27
	ISO/TC 183
	ISO/TC 127/SC 4
	ISO/TC 127/SC 3

## 5. Establishment of a Workgroup for Standardization Issues

Relate each reference topic to a partner according to the expertise and “launch the Workgroup”:

--- Workgroup for standardization issues ---			
TOPIC	PARTNERS	CONTACT	NOTIFY
Advanced automated mining systems	TAU / ITA	mtlazaro@ita.es, lmontano@ita.es, jussi.altonen@tuni.fi	
Coal and coke			
Electrical and Electronic Systems of Earth-moving machinery			
Explosives			
Machine performance and specifications			
Machines for mineral processing			
Metals and minerals			
Mine closure and reclamation management			
Paving units and kerbs			
Safety - Earth-moving machinery			
Safety - Mining machinery and equipment			
Structure for mine shafts			
Terminology and vocabulary	AUTH	vpsomiadis@csd.auth.gr, mfoumelis@geo.auth.gr	

Dear partners,

Attached you will find a proposal of topics to be addressed by each partner concerning the generation of a workgroup for standardization issues. This workgroup will be in charge of monitoring the changes in the different Standards that are in this document. ITAINNOVA will be monitoring the topics on the top table, which relates topics with partners; the bottom table contains the standards or family of standards that will be monitored directly by the interested partners if necessary.

The workflow will be launched from ITA as responsible of this task, which will be in charge of the monitoring the scope of TC (Technical Committees) that was tailored from your feedback. Every time a notification appears, ITA will preanalyse the info and will resend it to the corresponding partner in the workgroup if the changes are within a topic.

Therefore, Could you confirm your interest in addressing the assigned topic? If not, Could you suggest where you would like to be assigned?

Do not hesitate to contact us for any doubt or comment,

Best regards,  
Jesús Martín

CHOOSE  
CTN/SC/WG -->

CEN/TC 151

ISO/TC 82

ISO/TC 345

ISO/TC 298

ISO/TC 27/SC 5

ISO/TC 27/SC 4

ISO/TC 27/SC 3

ISO/TC 27/SC 1

ISO/TC 27

ISO/TC 183

ISO/TC 127/SC 4

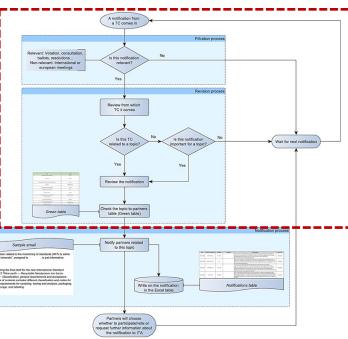
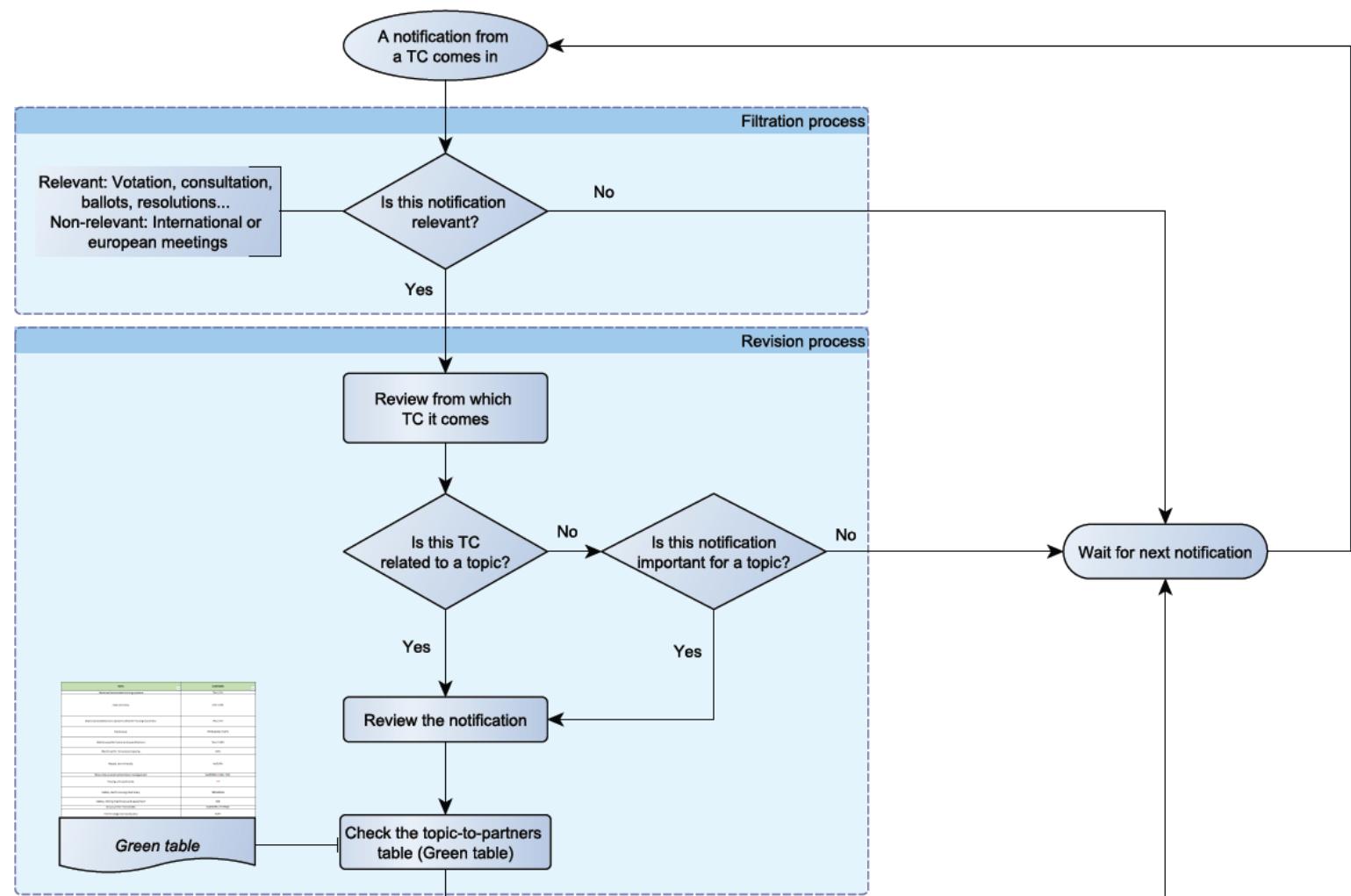
ISO/TC 127/SC 3

## 5. Establishment of a Workgroup for Standardization Issues

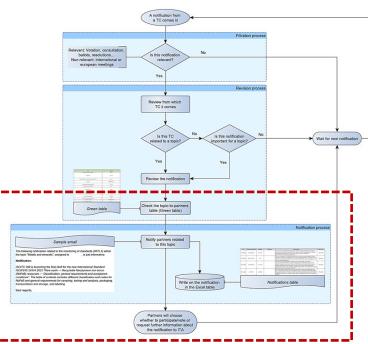
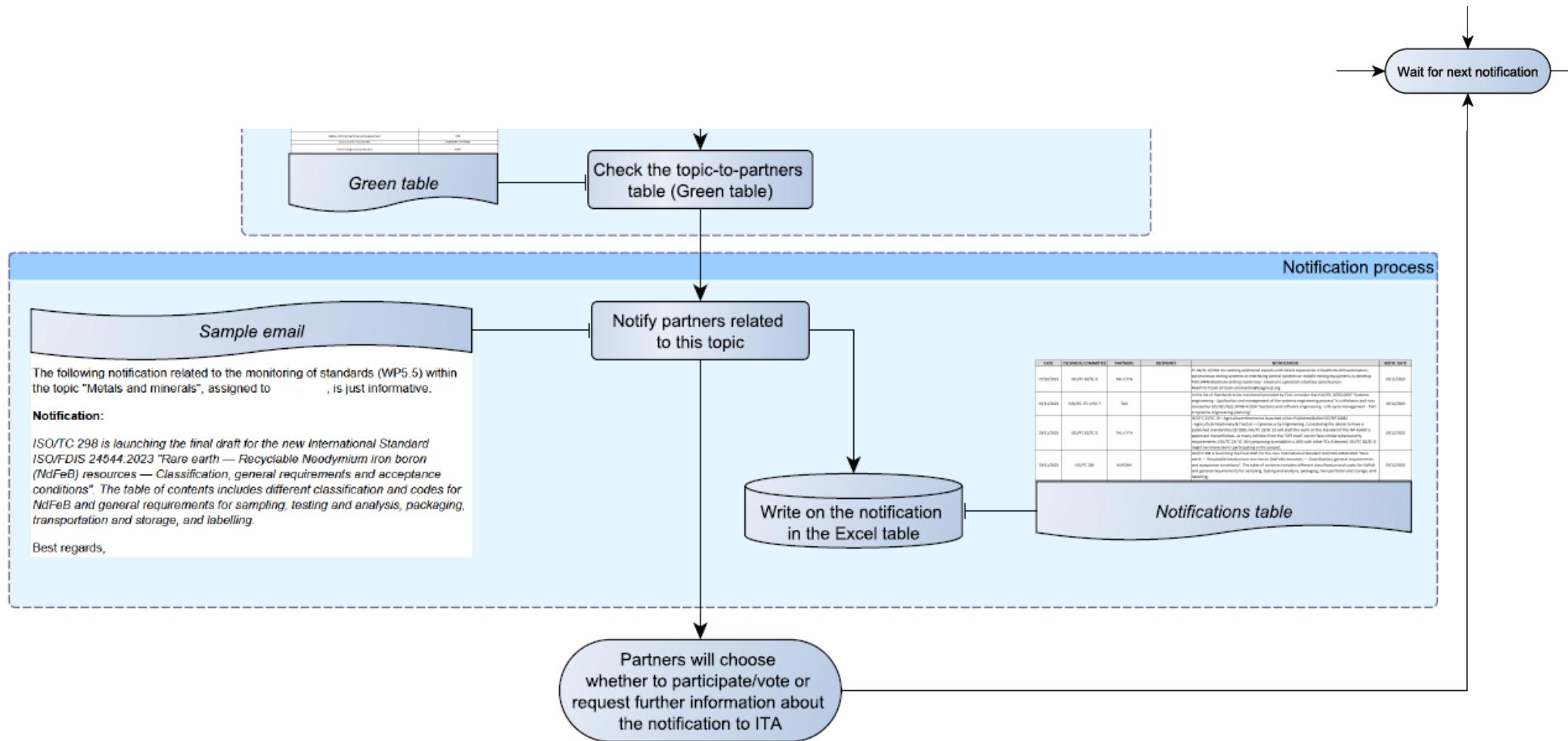
The Standards to which we do not have access are monitored by the interested partners:

<i>--- Standards, Directives or Regulations monitored directly by the interested partners ---</i>			
STANDARDS	PARTNERS	CONTACT	
Low-voltage electrical installations -SFS 6000 Standards	TAU	kari.koskinen@tuni.fi, jussi.altonen@tuni.fi	
Environmental management systems - ISO 14000 Family	AURORA / STRATA	kostas.botsialas@aurora-geo.com, sp@stratagem.com.cy	
Potentially explosive atmospheres - Explosion prevention and protection - CEN/TC 305 Standards	JSW / GIG	sswaczyna@jsw.pl, mawenglorz@jsw.pl, awrana@gig.eu	
Coalbed methane (CBM) - ISO/TC 263 Standards	JSW / GIG	sswaczyna@jsw.pl, mawenglorz@jsw.pl, awrana@gig.eu	
Sludge recovery, recycling, treatment and disposal - ISO/TC 275 Standards	???	???	
Graphical symbols for electrotechnology - IEC/TC 3 Standards	TAU	kari.koskinen@tuni.fi, jussi.altonen@tuni.fi	
Safety of machinery - Electrotechnical aspects - IEC/TC 44 Standards	TAU	kari.koskinen@tuni.fi, jussi.altonen@tuni.fi	
Software and systems engineering - ISO/IEC JTC 1/SC 7 Standards	TAU	kari.koskinen@tuni.fi, jussi.altonen@tuni.fi	
Information security, cybersecurity and privacy protection - ISO 27000	AURORA	kostas.botsialas@aurora-geo.com	
REACH Regulation 2006/1907/EC	DUTH	vbalaska@pme.duth.gr	
RoHS Recast Directive 2011/65/EU	DUTH	vbalaska@pme.duth.gr	
WEEE Directive 2012/19/EU	DUTH	vbalaska@pme.duth.gr	
EMC Directive 2014/30/EU	DUTH	vbalaska@pme.duth.gr	
Low Voltage Directive 2014/35/EU	DUTH	vbalaska@pme.duth.gr	
RED Directive 2014/53/EU	DUTH	vbalaska@pme.duth.gr	

## 6. Monitorization of relating standards. Workflow



# 6. Monitorization of relating standards. Workflow



## 6. Monitorization of relating standards. Workflow

Since Nov-23 till Aug-24: 26 notifications sent from 560 notifications received (5% of filtration, though some of these notifs are duplicated)

After sending a notification, we log it on the “notifications table”:

21	07/06/2024	CEN/TC 151	TERNAMAG / GIG	Safety: Earth-moving machinery, and Mining machinery and equipment	gtsoupas@ternamag.com, kgatatos@ternamag.com, awrana@gig.eu	prEN 1009-6 "Machines for mechanical processing of minerals and similar solid materials - Safety - Part 6: Specific requirements for mobile machinery" has been approved on revision with 100% positive votes. This document, used in conjunction with NF EN 1009-1:2020+P1:2023, specifies the safety requirements and their verification for the design and construction of mobile units for crushing, screening, feeding, conveying of minerals (cement, lime, gypsum, sand, gravel, industrial minerals, metalliferous ores, hard and soft rock aggregates, coal) and by-products (limestone and ash, production and demolition waste) in construction and industry. In addition, this document specifies the type of information that the manufacturer must provide on safe use practices (including residual risks). The Standard is expected to be revised again on 2028.	01/08/2024	TERNAMAG welcomes the information related to this topic
22	03/07/2024	ISO/TC 82/SC 7	SUBTERRA / GIG / JSW	Sustainable mining, mine closure and reclamation management	awrana@gig.eu, ssw.aczyna@jsw.pl, mawenglorz@jsw.pl, gvaquero@sysstra.com	ISO/TC 82/SC 7 HAS PROPOSED A BUSINESS CASE FOR NWIP FOR A STANDARD TO ADDRESS SOCIAL ASPECTS OF SUSTAINABLE MINING AND MINE CLOSURE. Context: This Business Case has been prepared to support the development of a New Work Item Proposal (NWIP) for the Social Aspects of Sustainable Mining and Mine Closure, Standard under SC7 Sustainable Mining and Mine Closure. This theme was identified in the SC7 Strategic Plan (2018) updated with the change of scope of SC7 in September 2023. The task force established by SC7 in the 2020 virtual plenary meeting will be reinvigorated with this revised scope. The development of this standard aims to heighten awareness of Social Aspects of Sustainable Mining and Mine Closure and the associated ethical responsibility to leave a sustainable community legacy. This standard will help to define how the UN SDGs can be met for Social Aspects of Sustainable Mining and Mine Closure.	01/08/2024	
23	18/07/2024	IWA 45	AURORA / STRATA	Environmental management systems - ISO 14000 Family	kostas.botsialas@aurora-geo.com, sp@stratagem.com.cy	ISO/IWA 45 Sustainable critical minerals supply chains was prepublished on 9th July. The document surveys the range of existing sustainability frameworks available for critical mineral supply chains, to aid understanding and assist in improving an organization's sustainability outcomes.	01/08/2024	
24	21/08/2024	CEN/TC 151	TERNAMAG / GIG	Safety: Earth-moving machinery, and Mining machinery and equipment	gtsoupas@ternamag.com, kgatatos@ternamag.com, awrana@gig.eu	The next project, EN 12096:1997 "Mechanical vibration - Declaration and verification of vibration emission values", is an important standard in context of the Machinery Directive (EU) 2023/1230 and must therefore be brought up to date. For this reason, a PWI (Preliminary Work Item) has been activated. Due to comments from Systematic Review and new requirements in the (EU) 2023/1230 a revision is needed, though the scope will not change. Topics to be discussed - most of them in Annex B: - Declaration of new requirement shocks - Clarification of values for whole body vibration The stakeholder categories immediately affected by the proposal are: Industry and commerce, SMEs and Labour. The target dates for the below key stages are: 10.99: 2024-09-20; 20.60: 2025-01-17; 30.99: 2025-05-16; 45.99: 2026-07-03.	02/09/2024	

# 7. Example

## Checking the “green table”

E-mail received:

Relacionado CEN comités

CEN/TC 151 - Construction equipment and building material machines - Safety

[Ver todos los documentos en línea](#)

para información

N	Documento
0	Votación > Resultado de la votación CEN/TC 151/WG 12 - Future of published standards - Result of voting
0	Votación > Resultado de la votación CEN/TC 151/WG 10 - Future of published standards - Result of voting

--- Workgroup for standardization issues ---			
TOPIC	PARTNERS	CONTACT	NOTIFY
Advanced automated mining systems	TAU / ITA	mtlazaro@ita.es, lmontano@ita.es, jussi.altonen@tuni.fi	
Coal and coke	JSW / GIG	sswaczyna@jsw.pl, mawenglorz@jsw.pl, awrana@gig.eu	
Electrical and Electronic Systems of Earth-moving machinery	TAU / ITA	mtlazaro@ita.es, lmontano@ita.es, jussi.altonen@tuni.fi	▶
Explosives	TERNAMAG / TAPO	gtsoupas@ternamag.com, kgatos@ternamag.com, Markus.partenan@tapojarvi.fi, seppo.ahola@tapojarvi.fi	▶
Machine performance and specifications	TAU / TAPO	jussi.altonen@tuni.fi, Markus.partenan@tapojarvi.fi, seppo.ahola@tapojarvi.fi	▶
Machines for mineral processing	ICCS	andreas.mourelatos@iccs.gr	▶
Metals and minerals	AURORA	kostas.botsialas@aurora-geo.com	
Mine closure and reclamation management	SUBTERRA / GIG / JSW	awrana@gig.eu, sswaczyna@jsw.pl, mawenglorz@jsw.pl, subterra, gvaquero@systra.com	
Paving units and kerbs	???	???	
Safety - Earth-moving machinery	TERNAMAG	gtsoupas@ternamag.com, kgatos@ternamag.com	▶
Safety - Mining machinery and equipment	GIG	awrana@gig.eu	
Structure for mine shafts	SUBTERRA / THARSIS	gvaquero@systra.com, felix.carnero@tharsismining.com, manuel.sevilla@tharsismining.com	
Terminology and vocabulary	AUTH	vpsomiadis@csd.auth.gr, mfoumelis@geo.auth.gr	

CHOOSE  
CTN/SC/WG --> CEN/TC 151

# 7. Example

E-mail received:

Relacionado CEN comités

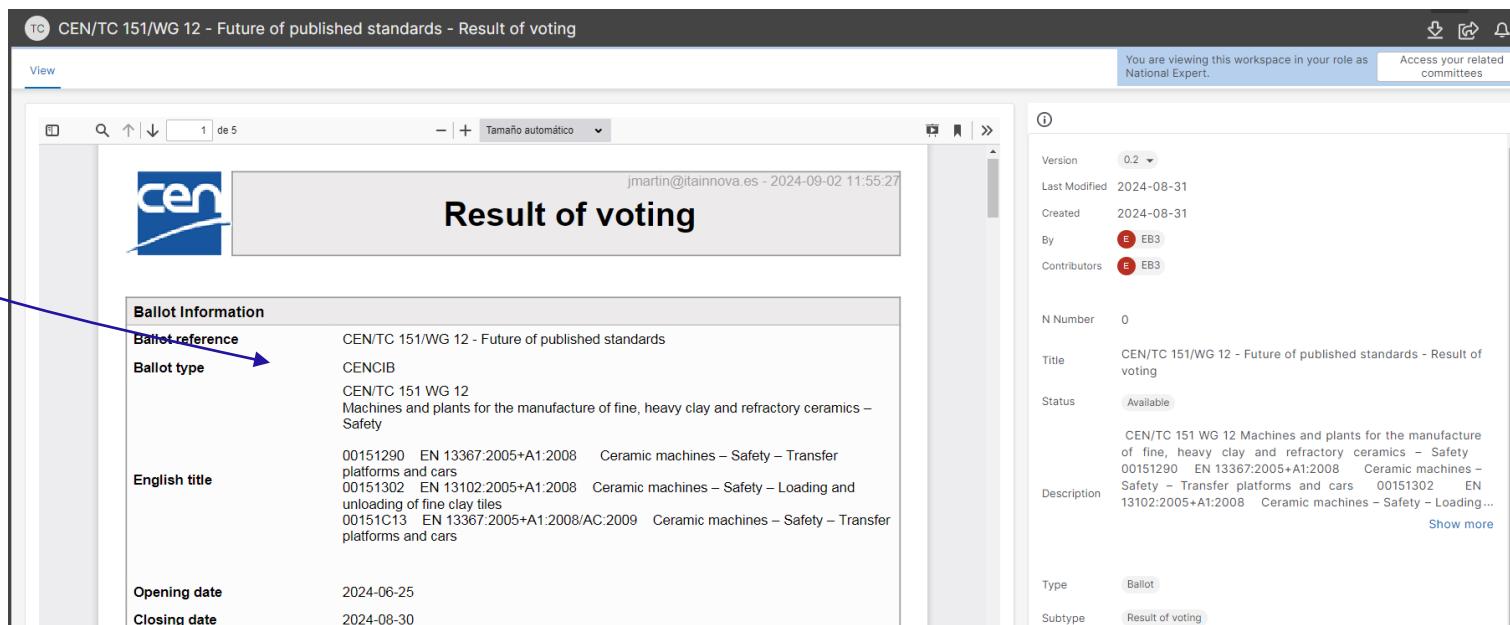
CEN/TC 151 - Construction equipment and building material machines - Safety

[Ver todos los documentos en línea](#)

para información

N	Documento	Proyecto relacionado (si el gestor del comité así lo ha indicado)
0	Votación > Resultado de la votación <a href="#">CEN/TC 151/WG 12 - Future of published standards - Result of voting</a>	Votación: CEN/TC 151/WG 12 - Future of published standards
0	Votación > Resultado de la votación <a href="#">CEN/TC 151/WG 10 - Future of published standards - Result of voting</a>	Votación: CEN/TC 151/WG 10 - Future of published standards

Checking the notification



TC CEN/TC 151/WG 12 - Future of published standards - Result of voting

View

1 de 5

Result of voting

jmartin@itainnova.es - 2024-09-02 11:55:27

**Ballot Information**

<b>Ballot reference</b>	CEN/TC 151/WG 12 - Future of published standards
<b>Ballot type</b>	CENCIB
<b>English title</b>	CEN/TC 151 WG 12 Machines and plants for the manufacture of fine, heavy clay and refractory ceramics – Safety
<b>Opening date</b>	2024-06-25
<b>Closing date</b>	2024-08-30

You are viewing this workspace in your role as National Expert. Access your related committees

Version 0.2

Last Modified 2024-08-31

Created 2024-08-31

By EB3

Contributors EB3

N Number 0

Title CEN/TC 151/WG 12 - Future of published standards - Result of voting

Status Available

Description CEN/TC 151 WG 12 Machines and plants for the manufacture of fine, heavy clay and refractory ceramics – Safety  
00151290 EN 13367:2005+A1:2008 Ceramic machines – Safety – Transfer platforms and cars  
00151302 EN 13102:2005+A1:2008 Ceramic machines – Safety – Loading and unloading of fine clay tiles  
00151C13 EN 13367:2005+A1:2008/AC:2009 Ceramic machines – Safety – Transfer platforms and cars

Show more

Type Ballot

Subtype Result of voting

# 7. Example

## E-mail received:

### Relacionado CEN comités

CEN/TC 151 - Construction equipment and building material machines - Safety

[Ver todos los documentos en línea](#)

para información

N	Documento	Proyecto relacionado (si el gestor del comité así lo ha indicado)
0	Votación > Resultado de la votación CEN/TC 151/WG 12 - Future of published standards - Result of voting	Votación: <a href="#">CEN/TC 151/WG 12 - Future of published standards</a>
0	Votación > Resultado de la votación CEN/TC 151/WG 10 - Future of published standards - Result of voting	Votación: <a href="#">CEN/TC 151/WG 10 - Future of published standards</a>

E-mail sent:

Asunto: [MASTERMINE] WP5.5 Standardisation - Notifications

Good morning,

The following notifications related to the monitoring of standards (WP5.5) within the topic "Safety: Earth-moving machinery; and Mining machinery and equipment" are assigned to TERNAMAG / GIG. Sorry this Committee related to your topic has been so diligent lately.

### Notification 1:

*The next project, EN 12096:1997 "Mechanical vibration - Declaration and verification of vibration emission values", is an important standard in context of the Machinery Directive (EU) 2023/1230 and must therefore be brought up to date. For this reason, a PWI (Preliminary Work Item) has been activated. Due to comments from Systematic Review and new requirements in the (EU) 2023/1230 a revision is needed, though the scope will not change. Topics to be discussed - most of them in Annex B:*

- Declaration of new requirement shocks
- Clarification of values for whole body vibration

*The stakeholder categories immediately affected by the proposal are: Industry and commerce, SMEs and Labour. The target dates for the below key stages are: 10.99: 2024-09-20; 20.60: 2025-01-17; 30.99: 2025-05-16; 45.99: 2026-07-03.*

#	DATE	TECHNICAL COMMITTEE	PARTNERS	TOPIC	RECIPIENTS	NOTIFICATION	NOTIF. DATE	FEEDBACK
26	31/08/2024	CEN/TC 151	TERNAMAG / GIG	Safety: Earth-moving machinery; and Mining machinery and equipment	gtsoupas@ternamag.com, kgatos@ternamag.com, awrana@gig.eu	<p>CEN/TC 151 took the next decision about the future of published standards within WG 10:</p> <p>- Machines and plants for the production of stones, slabs, pipes, prefabricated elements of concrete and calcium-silicate – Safety. Standards EN 12629-4:2001+A1:2010, EN 12629-5-1:2003+A1:2010, EN 12629-5-2:2003+A1:2010, N 12629-5-3:2003+A1:2010, N 12629-5-4:2003+A1:2010, EN 12629-7:2004+A1:2010, EN 12629-8:2002+A1:201</p> <p>The above mentioned standards have been published between 2002 and 2004 and have been updated (only Annex ZA) in 2010. The corresponding working group 10 has been disbanded now for several years and no expertise is available anymore. It must be decided now, whether or not these standards have to undergo the "GAP" analysis in order to check the relevance of the newly improved or modified requirements by the Machinery Product regulation. For that reason, the CEN/TC 151 took the following decision at their last plenary meeting in June:</p> <p>DECISION 1089 taken by CEN/TC 151 on 2024-06-06 Subject: CEN/TC 151/WG 10 – GAP analysis for the EN 12629 series of standards CEN/TC 151 Construction equipment and building material machines – Safety, - decides to launch a CIB for all parts of the standard proposing their withdrawal making it clear that if there are no objections, the withdrawal process will be started. The decision was taken by unanimity. Therefore all member bodies are requested to check carefully, whether or not the standards can be withdrawn. In case, the standards are still being used, the member body/bodies which are using the standard(s) will be requested to perform the GAP analysis together with their stakeholders,</p> <p>The standards will probably NOT be withdrawn due to the fact that the result of the votation was 2-2 (18 abstentions).</p>	02/09/2024	

## 8. Next Actions

Topic of Action	Actions
MONITORING RELATING <b>STANDARDS</b> AND MAKING SUGGESTION TO IMPROVE	<ul style="list-style-type: none"><li>- Monitoring Standards from ISO/TC 82 and ISO/TC 127 related to the topics of interest</li><li>- Notifying partners about changes in the Standards related to their topics of interest</li><li>- <b><u>When the pilots start, MAKING SUGGESTIONS TO IMPROVE STANDARDS</u></b></li></ul>

**Thank you for your attention!**

Any questions?

