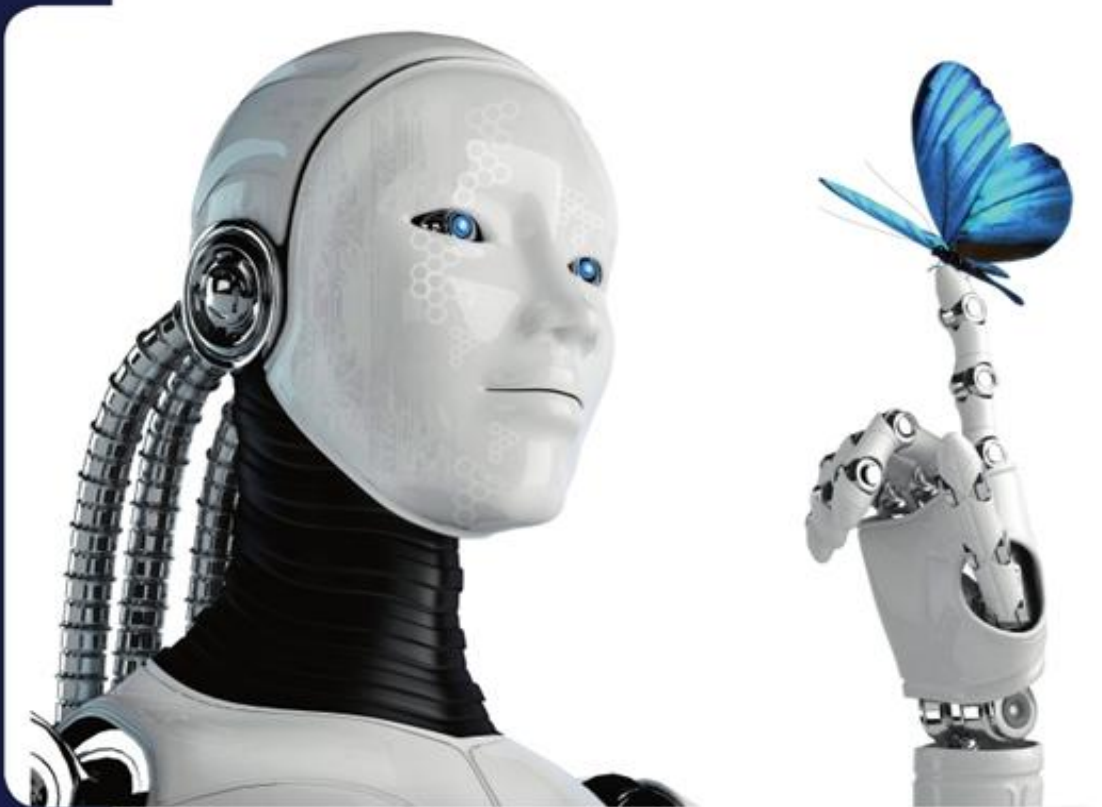


Newsletter

June, 2026



ICR



Hot Issue

1. **Guide to ICR Explosion-Proof Practical Training Courses in 2026**
2. **Automotive EMC Regulation
ECE R 10 KOLAS Scope Updated**
3. **Military EMC Standard MIL-STD-461H**

Publication (Revision)

4. **Guide to ISO Certification Trends and
Regulatory Changes in 2026**





Guide to ICR Explosion-Proof Practical Training Courses in 2026

EXPLOSION PROTECTION PRACTICAL TRAINING

IEC 60079
From Basics to Practical Mastery

IECEX & ATEX
Quality System Implementation and QAR/QAN Audit Compliance Training

Special Benefit:
SME Talent Development 90% Refund Program

From Expert Knowledge to Certification & Audit Readiness!
Strengthen Your Explosion Protection Expertise in One Step!

ICR Education Center

ICR, IECEX, ATEX logos and industrial background image.

■ Completion of the Explosion-Proof Practical Training Course Held in May

The ICR Ex Certification Team successfully completed a two-day intensive training programs from May 19th to 20th, 2026. The course, titled 「**Explosion-Proof Fundamentals to Practical Application & IECEX/ATEX Quality System Implementation and QAR/QAN Audit Response**」 was designed specifically for companies and working-level professionals preparing for explosion Proof certification.



Guide to ICR Explosion-Proof Practical Training Courses in 2026

■ Courses with Talent Nurturing 90% tuition Refund

This training session served as a valuable opportunity to significantly strengthen the core competencies of our clients' practical staff by delivering **the latest standards and hands-on knowledge in explosion Proof**. Furthermore, it was structured as a **tuition reimbursement course** to effectively reduce the financial burden on participating companies and provide substantial practical benefits.

We sincerely hope that this program has served as a meaningful first step for many companies and professionals seeking Ex certification to systematically build and solidify their practical expertise in this field.

ICR remains committed to consistently **opening informative, professional education programs that directly connect to actual field operations**. We highly appreciate your continued interest and support for our upcoming future courses.

Once again, we express our deepest gratitude to everyone who participated in this training.



Guide to ICR Explosion-Proof Practical Training Courses in 2026

■ The review of the explosion-proof training held in May





Guide to ICR Explosion-Proof Practical Training Courses in 2026

■ Guide to ICR Explosion-Proof Practical Training in November

For those who unfortunately missed this recent session or wish to further advance their practical skills to the next level, we are pleased to announce our upcoming **training schedule for November 2026** as follows.

✓ Day 1 (2026.11.03)

IEC 60079 Explosion-Proof: From Fundamentals to Practical Masterclass

✓ Day 2 (2026.11.04)

IECEx:ATEX Explosion-Proof Quality System Establishment
QAR/QAN Audit Response Course

💰 Special Benefit

This course operates under the '**SME (Small and Medium Enterprises) Talent Nurturing 90% Tuition Refund Program**', which drastically minimizes the cost burden for eligible corporate attendees from SME.

❖ Course Registration & Inquiry

You can apply on the official website of the ICR Education Center.

- Tel: **(+82)2-6351-9004**

- ICR Education Center website: <https://edu.icrpw.com>

📞 Inquiries

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Automotive EMC Regulation ECE R 10 KOLAS Scope Updated

The advertisement features a central image of a silver Hyundai IONIQ 5 electric car in a testing environment. The background is dark with blue light effects. Text on the left side reads: 'Automotive Electronics EMC', 'ECE Regulation 10.06 Amd.4', and 'KOLAS Scope Updated'. Below this text are three icons: a shield with a checkmark, a gear, and a clipboard with a checkmark. The bottom of the advertisement contains four columns of text and logos: 'Compliance with ECE Regulation 10.06 Amd.4' with a globe icon; 'Strengthened EMC Testing Capability for EVs and Automotive Electronics' with a car icon; 'KOLAS Accredited Test Laboratory for Improved Reliability and Customer Trust' with a ribbon icon; and 'KOLAS Accredited Laboratory Delivering Reliable Testing Services that Meet International Standards' with the KOLAS logo.

■ ICR, KOLAS Scope Updated to 'ECE R10.06 Amd.4'

ICR has updated its KOLAS accreditation scope from ECE R10.05 to ECE Regulation 10.06 Amendment 4, reflecting the latest revisions to ECE Regulation No. 10. This update enables **ICR to provide EMC testing services aligned with the latest ECE R10 requirements.**



Automotive EMC Regulation ECE R 10 KOLAS Scope Updated

■ Key Updates

▶ Strengthened radiated immunity requirements for ESA (Electrical/Electronic Sub-Assembly)

- (Previous) 20 MHz ~ 2 GHz ➡ (Updated) 20 MHz ~ 6 GHz
- Pulse Modulation conditions refined (PM2 and PM3 applied)
- ISO 11452-11 based RVC method available as an optional test method

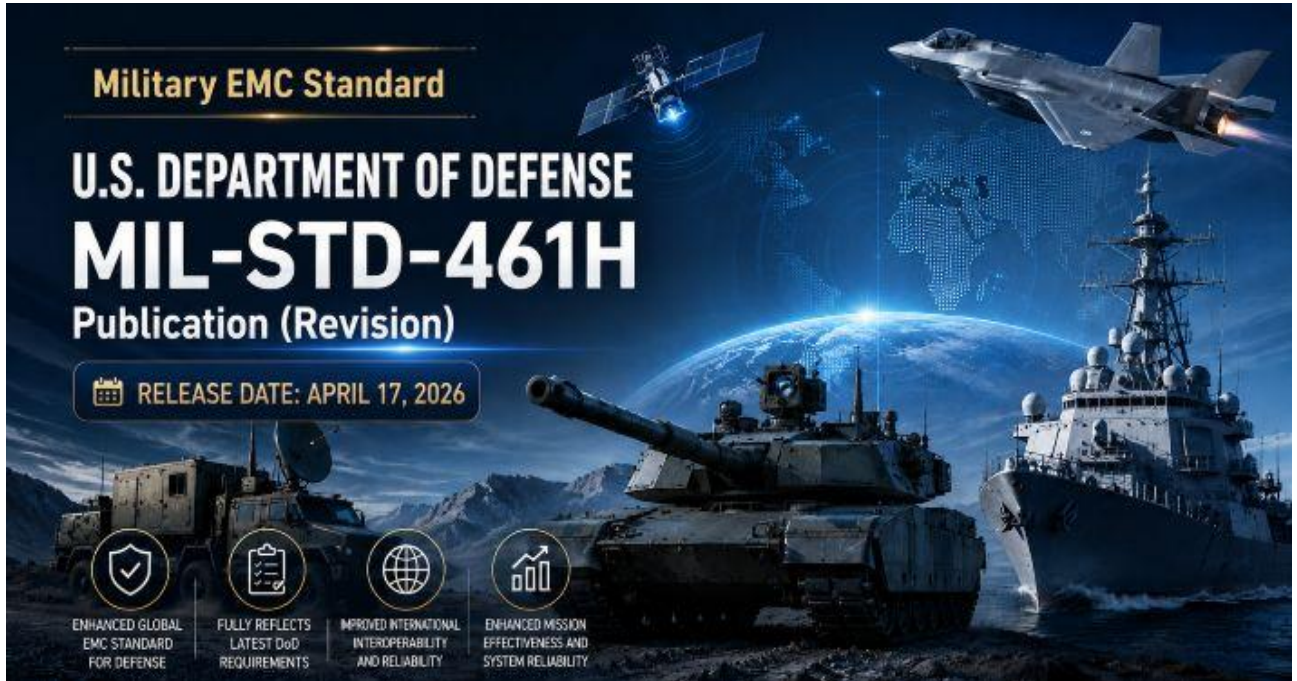
■ Test information

Test items	Test Ranges
Radiated Emission(RE)	30 MHz to 1 GHz
Radiated Immunity(ALSE)	80 MHz to 6 GHz
Radiated Immunity(BCI)	20 MHz to 400 MHz
Conducted Transient Immunity	Pulse 1, 2a, 2b, 3a, 3b, 4
Conducted Transient Emission	12 V, 24 V System
Conducted Emission(AC)	0.15 MHz to 30 MHz
Harmonic Current Emission	$I \leq 16 \text{ A}$, $16 \text{ A} < I \leq 75 \text{ A}$
Voltage Fluctuation and Flicker	$I \leq 16 \text{ A}$, $16 \text{ A} < I \leq 75 \text{ A}$ $I \leq 16 \text{ A}$
Electrical Fast Transient	$\pm 2 \text{ kV}$
Surge	$\pm 2 \text{ kV}$

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Military EMC Standard MIL-STD-461H Publication(Revision)



Military EMC Standard

U.S. DEPARTMENT OF DEFENSE
MIL-STD-461H
Publication (Revision)

RELEASE DATE: APRIL 17, 2026

- ENHANCED GLOBAL EMC STANDARD FOR DEFENSE
- FULLY REFLECTS LATEST DoD REQUIREMENTS
- IMPROVED INTERNATIONAL INTEROPERABILITY AND RELIABILITY
- ENHANCED MISSION EFFECTIVENESS AND SYSTEM RELIABILITY

■ Publication (Revision) of MIL-STD-461H

The **U.S. Department of Defense (DoD)** has officially revised and published the latest '**MIL-STD-461H**' standard as of April 17, 2026, replacing the previous 'G' version. This standard serves as the global benchmark for **Electromagnetic Compatibility (EMC) in the defense industry.**

This 'H' revision introduces significant changes, including expanded test frequency bands and newly established requirements for specific systems, reflecting increasingly sophisticated battlefield environments and modern power system trends.



Military EMC Standard MIL-STD-461H Publication(Revision)

Therefore, clients preparing for **new U.S. DoD projects or exporting defense equipment must proactively review these revised requirements.**

■ ICR's Future Direction and Roadmap

We are currently conducting a rigorous analysis of the technical guidelines and test methodologies for the new 'H' version. We are meticulously **reviewing detailed technical specifications**—such as modified measurement margins, antenna positioning conditions, and newly introduced test injection **loops—to update our Standard Operating Procedures (SOPs).**

Based on the analyzed technical data, we will set up high-precision measurement equipment, validate system efficacy, and complete measurement uncertainty evaluations to maximize test accuracy. Following these steps, **we plan to apply for the expansion of our official KOLAS (Korea Laboratory Accreditation Scheme) scope for MIL-STD-461H** and swiftly undergo the on-site assessment to acquire the official qualification to issue KOLAS-accredited test reports.

☎ Inquiries

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ISO Certification Trends and Regulatory Changes in 2026



■ Global ACI Integration · AI Certification · Personal Information Protection

The year 2026 is expected to bring major changes to the global ISO certification environment, including international accreditation integration, the expansion of AI management system certification, and the independent certification framework for personal information protection.



ISO Certification Trends and Regulatory Changes in 2026

- This newsletter summarizes three major changes that organizations preparing for or maintaining certification should be aware of.

Summary of Key Changes



Global ACI Integration

Launch of a unified international accreditation organization following the integration of IAF and ILAC



AI Management System

Expansion of ISO/IEC 42001 certification and growing importance of AI governance systems



Personal Information Protection

Introduction of an independent certification framework for ISO/IEC 27701



ISO Certification Trends and Regulatory Changes in 2026

■ Launch of Global ACI: Integration of International Accreditation Organizations

One of the most notable developments in international accreditation is the launch of **Global ACI (Global Accreditation Cooperation Incorporated)**.



IAF, which accredits management system certification bodies, and **ILAC**, which accredits testing and calibration laboratories, are being integrated into a single international accreditation framework.

This change **consolidates international accreditation systems across certification, testing, and calibration fields**, and may affect the reliability and global acceptance of certificates.



ISO Certification Trends and Regulatory Changes in 2026

■ Beyond AI Adoption: The Era of Organizational AI Governance

As AI technologies are rapidly being adopted across industries, organizations are now being evaluated not only on AI capabilities themselves, but also on **how effectively AI is managed and controlled**.

ISO/IEC 42001, the AI Management System standard, is an international standard designed to ensure the reliability of AI products and services. It requires **AI risk management, transparency, data security, and continual improvement processes**.

■ Key Points of ISO/IEC 42001

Category	Key Contents	Expected Benefits
Reliability	AI bias management, algorithm transparency, and data security	Increased customer and stakeholder trust
Regulatory Risk Management	Response to global AI regulations, including the EU AI Act and U.S. Executive Order	Enhanced overseas market and regulatory readiness
Operational Efficiency	Standardization of AI model lifecycle management	Improved development, operation, and maintenance efficiency

** Key requirements: leadership, risk response, AI management planning, operational control, performance evaluation, and continual improvement*



ISO Certification Trends and Regulatory Changes in 2026

■ Independent Framework for Privacy Certification

The previous **ISO/IEC 27701:2019** functioned primarily as an extension of **ISO/IEC 27001 ISMS**. However, the 2025 revision transformed it into an independent **Privacy Information Management System standard**.

■ Key Revisions to ISO/IEC 27701

Previous ISO/IEC 27701:2019	Revised ISO/IEC 27701:2025
ISO/IEC 27001 required	Standalone PIMS certification without ISMS
Extension of ISO/IEC 27001	Independent PIMS standard
Limited SME accessibility	Reduced cost and procedural burden for SMEs
Limited AI/automation coverage	AI and automation controls added
Simplified overseas transfer requirements	Clearer cloud, subprocessor, and cross-border transfer requirements



ISO Certification Trends and Regulatory Changes in 2026

■ Key Significance of ISO/IEC 27701 Independence

Key Significance of Independence

1. Standalone Certification

Standalone certification available without ISO/IEC 27001, improving SME accessibility

2. Reflection of Modern Risks

Updated coverage of AI, cloud services, subprocessors, and cross-border data transfers

3. Global Interoperability

Stronger alignment with global regulations such as GDPR and CCPA



ISO Certification Trends and Regulatory Changes in 2026

■ ISO Certification Changes Expanding as a Benchmark for Corporate Trust

The evolving ISO certification environment in 2026 demonstrates that certification is no longer simply about regulatory revisions, but increasingly about **verifying operational maturity and global credibility**.

Requirements related to **AI, privacy protection, and ESG** are expected to become essential management issues for most organizations, rather than concerns limited to specific industries.

■ Key Areas Organizations Should Review

Area	Review Points
GAC Integration	Review potential changes to certificates, accreditation marks, and overseas customer requirements
AI Management System	Assess AI risk management, transparency, and data security frameworks
Personal Information Protection	Review personal data processing, cloud services, subprocessors, and cross-border transfer controls
Integrated Response	Review management systems integrating information security, privacy protection, AI, and ESG



ISO Certification Trends and Regulatory Changes in 2026

■ ICR System Certification Center

ICR supports organizations in obtaining and operating ISO certifications tailored to their business environment, aligned with evolving international regulations and certification trends.

If you have any questions regarding certification acquisition, transition preparation, internal audits, or the latest standards, please feel free to contact us.

Certification Acquisition

Support throughout the entire ISO certification process

Transition Preparation

Guidance on revised standards and certification transition procedures

Internal Audit Support

Improvement and review of internal audit procedures and operations

Latest Trends Update

Regular updates on international certification and regulatory changes

Understanding and preparing for these changes in advance can provide an opportunity to further strengthen organizational management systems.

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