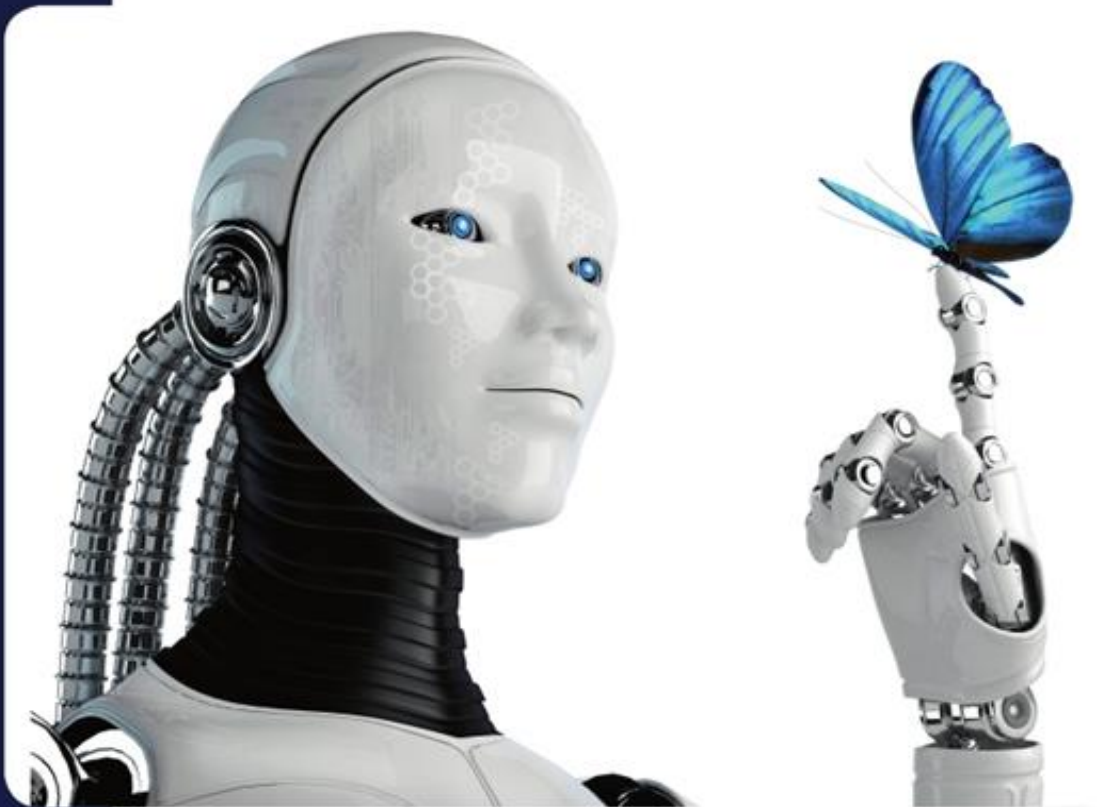


Newsletter

June, 2024



ICR



Hot Issue

1. **Hyundai/Kia Motors 22nd revision of EMC standard**
2. **Information on the revision and guidelines for use of ICR's certification marks**
3. **Revision of ATEX Directive guideline**





Hyundai/Kia Motors 22nd revision of EMC standard

■ Hyundai/Kia Motors 22nd revision of EMC standard.

Hyundai/Kia Motors has revised the EMC testing standards for automotive components. (November 2023)

The most important part of this 22nd revision is the separation of the EMC standard for existing automotive component and the high voltage component. High voltage component were separated for professional management.

■ The major revision history is as follows.

- 1) Apply the same electrical component class classification method as the actual vehicle test conditions
- 2) Radiated Immunity (ALSE) test item frequency expands from 3 GHz to 6 GHz
- 3) Sweep method added in Portable Transmitter test method
- 4) Radiated Emission test item frequency expands from 3 GHz to 6 GHz

 **Inquiries**

Mobility Center/ Im, Dae-Hyun
T. 070-5083-7908 / terry.im@icrqa.com

Hyundai/Kia Motors 22nd revision of EMC standard

- 5) Magnetic Field Emission (60 cm Loop Antenna) test item added.
(example of actual vehicle test)



- 6) Magnetic Field Emission (ICNIRP) test item added.



- 7) Modification of ESD test setup for portable devices such as smart keys.

Information on the revision and guidelines for use of ICR's certification marks



■ Revised the guidelines for using the certification marks

ICR strictly adheres to the requirements of accreditation organizations and aims to provide high-quality certification services. And, through a recent internal review, the guidelines for using the accreditation mark were reviewed.

We would like to inform you that there are important matters regarding the use of the ICR certification marks, revised use of the certification mark reviewed this time is a measure to comply with **IAS Rules 4.7.5_May 3, 2024**.

AO	Current	Revision
IAS		
KAB		

Information on the revision and guidelines for use of ICR's certification marks



■ Major revision of certification marks

▶ Addition of standard

Standards were added to the bottom of the existing ICR certification body mark to clarify the scope of certification.

▶ Addition statement at the top

The management system certification was made clear by adding the Management System Certification at the top.

■ Standards for using Certification Marks

The ICR certification marks must be used in accordance with the following standards:

1) Size

The size of the mark must be sufficient to clearly identify all of its features.

2) Form and Proportion

The shape and proportions of the mark must be maintained as is, without any distortion.

3) Color

The color of the mark should follow the original provided, with black and white being used only if necessary.

Information on the revision and guidelines for use of ICR's certification marks



※ **Remarks:** In case a copy of the certificate of an organization, which includes ICR-certification mark, is used in an advertising material such as marketing brochure, the above conditions of using mark shall be applied to the same.

■ Restricted Use Guidelines for Certification Marks

1) Prohibition of use on product

The ICR certification mark cannot be used directly on products.

2) Prohibition of Misleading Use

The use of the mark should not give the impression that ICR has certified or approved a specific organization's product, process, or service in a misleading way.

3) Guidelines for Use on Transportation and Packaging Materials

When the certification mark is used on packaging materials like large transport boxes, it must clearly include a statement that the products inside are manufactured in facilities applying a [quality, environmental, or occupational health and safety] management system certified according to specific ISO standards [such as ISO 9001, ISO 14001, ISO 45001].

Information on the revision and guidelines for use of ICR's certification marks



■ Actions Required upon Cancellation of Certification

▶ If the ICR certification is withdrawn

The organization must immediately cease the use of certification-related content in all promotional materials, including electronic media and websites. Additionally, **the certificate must be returned upon request by ICR.**

■ Examples of using Certification Marks

Examples of certification marks that may be used include:

AO	ISO 9001 Quality Management System Certification Organization	ISO 9001 & ISO 14001 Quality and Environmental Management System Certification Organization
IAS	 	 
KAB	 	 

Information on the revision and guidelines for use of ICR's certification marks



■ Where can be used on



Advertising /
Promotional goods



Stationery



Website



Bulk packaging
for transport

※ **Remark:** When used in large packaging for transportation, the certified management system statement must be displayed.

■ Where shall not be used on



Product



Primary
packaging



Product report
(Test, Calibration,
Inspection)



Signs, Building,
or Vehicle

 **Inquiries**

System Certification Center / Kim, Gi-Beom
T. 070-5083-2656 / kgb@icrqa.com

Revision of ATEX Directive guideline



- On April 26, 2024, the 5th revision of the **ATEX Directive 2014/34/EU Guideline document** was published.
- ATEX Directive 2014/34/EU is a **standard for CE certification of electrical equipment** installed in explosive atmosphere environments established by **the European Commission**.
- In order to export explosion-proof products to the European market, the norms of the ATEX Directive 2014/34/EU and the Harmonized standards included in the norms must be complied with.
- ATEX Directive 2014/34/EU Guideline is a document that provides guidelines for ATEX Directive 2014/34/EU, the European explosion-proof certification.
- By establishing a subsidiary in Europe, **ICR Polska (NB 2703)**, **ICR can provide European explosion-proof certification services** to customers who wish to export explosion-proof products to the European market.
- ICR engineers will provide better service to customers through this revised document.

Revision of ATEX Directive guideline



▣ ATEX Directive guideline Edition 5.0 Revision summary.

Article	Division	Subject	Summary
32	Add	Products covered by the ATEX Directive	Tool manufacturers, such as non-electric tools and pneumatic tools, has the obligation to inform the end user about the intended use as well as potential misuse, specifically for which explosive atmosphere and the expected operating conditions is the product suited and a comment has been added.
59	Add	Economic operators	Regulation (EU) 2019/1020 includes fulfilment service providers as another category of economic operators.
113	Add	Retention of technical documentation	Under Article 13(1)(b)(ii) of the ATEX Directive 2014/34/EU the manufacturer is required to undertake the conformity procedure at Annex VIII and then to carry out the communication of the technical documentation provided for in Annex VIII, point 2, to a notified body. The manufacturer is responsible for the legibility and completeness of the provided technical documentation, and the Notified Body should verify this and receipt the provided technical documentation.
235	modify	Personal Protective Equipment Regulation (EU) 2016/425 (PPE)	Personal Protective Equipment Regulation is applicable from 21 April 2018. The Personal Protective Equipment Directive 89/686/EEC is repealed from this date

 **Inquiries**

Industrial Safety Center / Seo, Ho Yeong
T.070-5083-2639 / hys@icrqa.com