



# ICR

## Newsletter March, 2021



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## Hot Issue

1. MOU with TIIS
2. Extension of KOLAS Scope
3. ICR Polska Created Linked in Account
4. Non-face-to-face audit and training services

## 5. 2020/2021 PTB Ex PT Workshop



# MOU with TIIS



- **ICR** and **TIIS (Technology Institution of Industrial Safety)**, have signed a **agreement for mutual cooperation** on February 18, 2021.
- **TIIS** established in 1965, is a **testing and certification body** registered with the Ministry of Health, Labor and Welfare in Japan, and is **ExCB** and **ExTL** for **IECEx certification and testing**.
- Through this agreement, **ICR** and **TIIS** will provide various and better services for certification and testing of **Explosion protected installation** and **machinery**.

## **Inquiries**

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# Extension of KOLAS Scope



*Korea Laboratory Accreditation Scheme*

## CERTIFICATE OF ACCREDITATION

ICR Co., Ltd.

Accreditation No. : KT652

Corporation Registration No. : 110111-2431479

Address of (Branch site) 112, Hwanggeun 3-ro 7 beon-gil Yangchon-eup,  
Laboratory : Gimpo-si, Gyeonggi-do, Republic of Korea  
(Satellite facilities-1) 113, Hwanggeun 3-ro 7 beon-gil Yangchon-  
eup, Gimpo-si, Gyeonggi-do, Republic of Korea

Date of Initial Accreditation : January 16, 2015

Validity of Accreditation : January 04, 2019 ~ January 03, 2023

Scope of Accreditation : Attached Annex

Date of issue : January 28, 2021

This testing laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025 : 2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to Joint ISO-ILAC-IAF Communiqué).



*LEE Seung Woo*

Head  
Korea Laboratory Accreditation Scheme

Korea Laboratory Accreditation Scheme(KOLAS) is a signatory to the ILAC Mutual Recognition Arrangement

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ICR has accredited regarding **extension of KOLAS scope** for 03.006 since 28-01-2021.

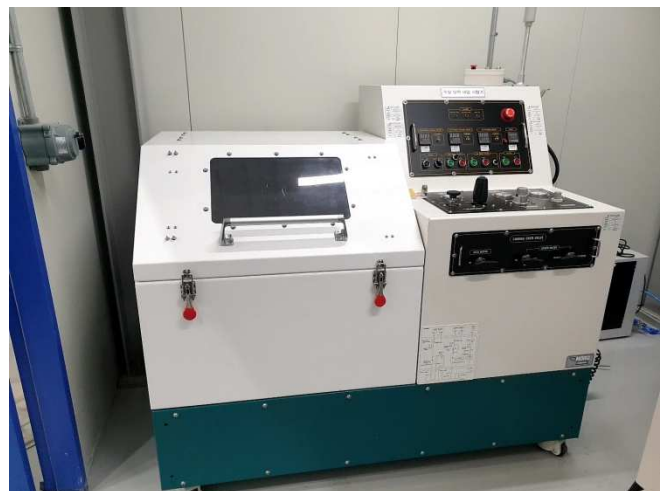
# Extension of KOLAS Scope



- **Extension scope** of 03.006 industrial electrical equipment
  - IEC 60079-1:2014
  - EN 60079-1:2014
  
- With the completion of the extension of KOLAS accreditation scope for standards of **flameproof enclosure**, ICR is capable to provide **ATEX test services** for various type of protection such as **intrinsic safety, dust ignition proof type, mold type**, etc.
  
- Applicable equipment **for flameproof enclosure**  
Motor, actuator, enclosure, lighting, transmitter, etc.

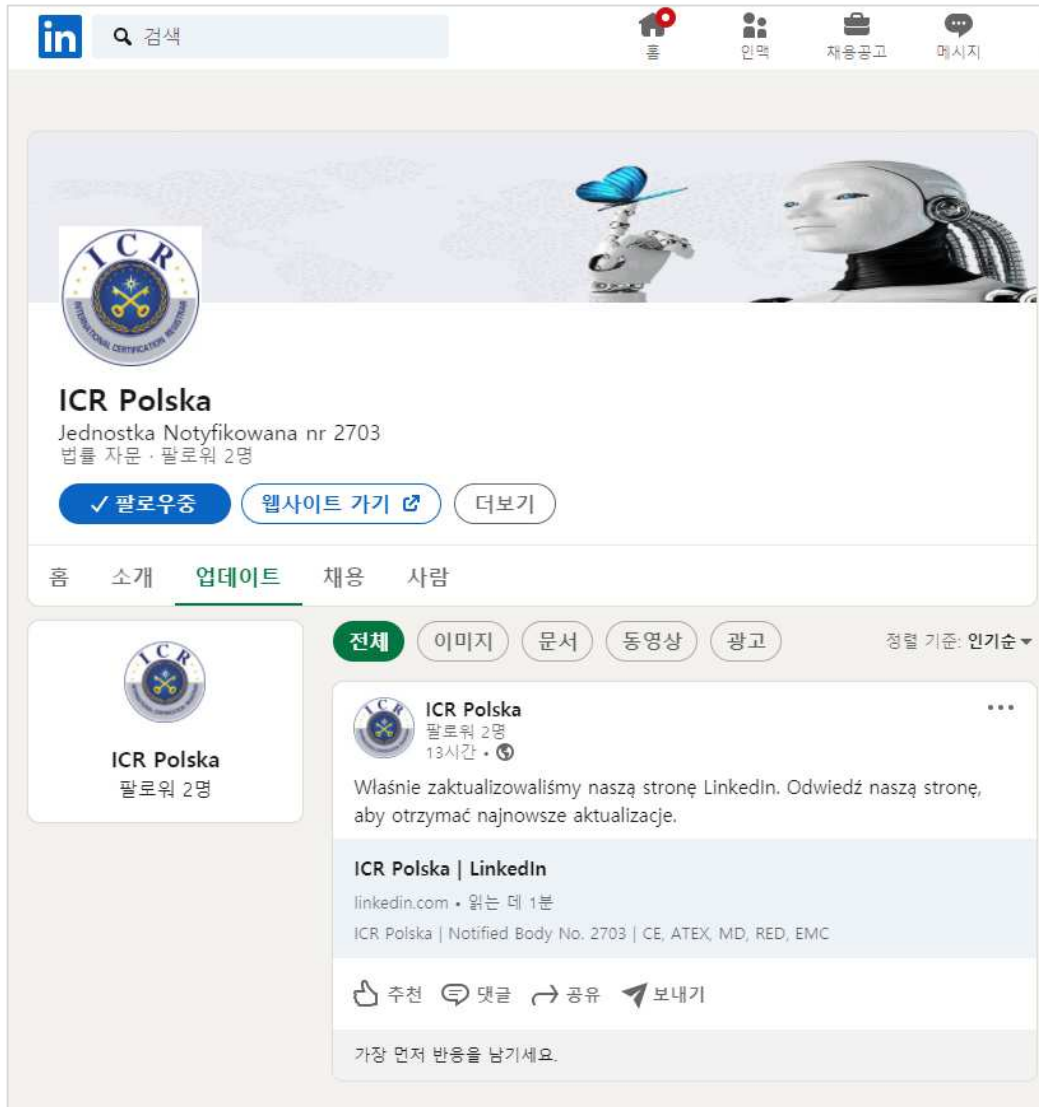


[Flameproof chamber]



[Overpressure test device]

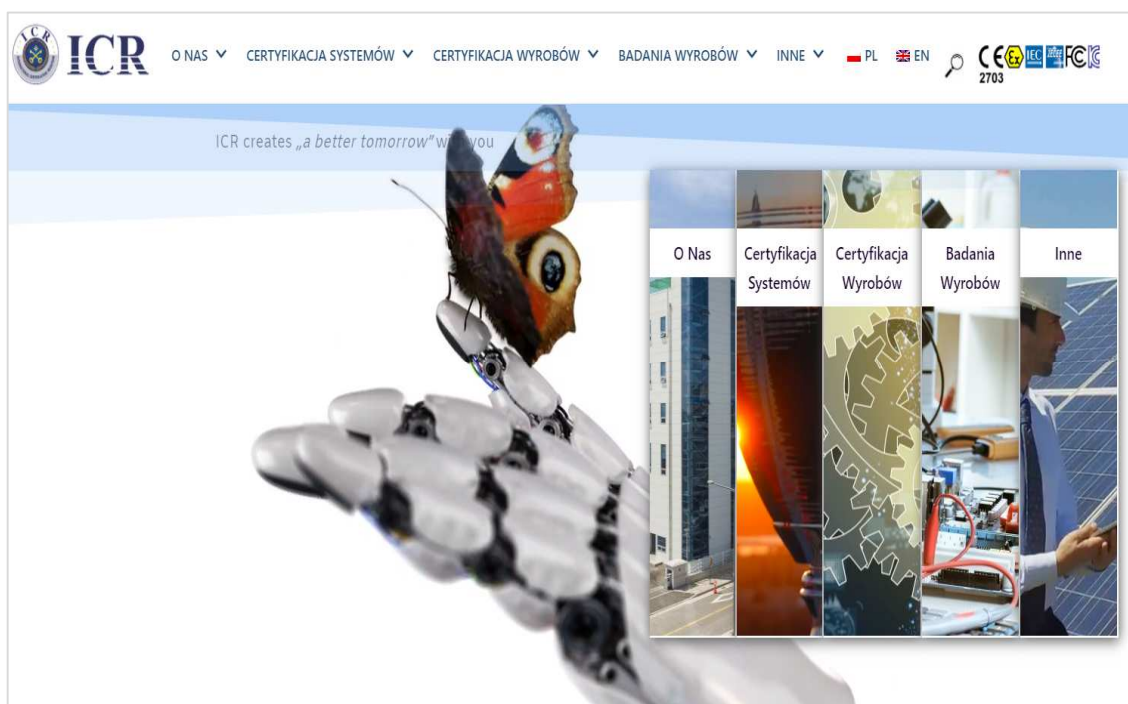
# ICR Polska Created Linked in Account



**ICR Polska created a Linked in account.**

This is the first step for ICR's global customer satisfaction. we're looking forward to your support and care.

# ICR Polska Created Linked in Account



- **Linked in** is the world's largest global business networking site used by more than 400 million users worldwide.
- **ICR Polska** is a subsidiary of ICR and is located in Poland. By creating a Linked in account, we will repay you not only in Korea but also overseas certification and testing services with changes and innovations that accompany trust.

# Non-Contact audit and training services



- COVID-19 has increased the demand for **non-contact audit and education** without direct meetings.
- Accordingly, ICR held a non-contact **auditor training course in January 2021**.
- Through the AU, TL, QM, EM and OH courses, all the trainees have completed the training so that the students can be qualified for each module.
- Non-contact audit is to address the risks of various situations in which the on-site audit cannot be conducted and to ensure that the certification is maintained continuously by enabling audit anywhere regardless of the client's location.
- ICR is constantly striving to keep up with the COVID-19 era and the evolution of new technologies.

 **Inquiries**

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# 2020/2021 PTB Ex PT Workshop



■ **PTB Institute**, a comparative proficiency testing organization located in Germany, hosted the **2020/2021 PTB Ex PT Workshop** on January 27, 2021. It was conducted online due to COVID-19 and the ICR Explosion proof Certification Team attended the program as below.

- ✓ program "Test of Enclosures" 2019
- ✓ Program "Battery Testing" 2019
- ✓ All of the test results are satisfactory and **the results are higher** than the **maximum of 43 participating institutions** compared to overseas institutions.



< Test of Enclosures >



< Battery Testing >

# 2020/2021 PTB Ex PT Workshop



Workshops 2020/2021 Tests of Enclosures / Battery  
Testing

2021-01-25 - 2021-01-28

Venue: Online Conference

Workshops 2020/2021 Tests of Enclosures / Battery Testing

# 2020/2021 PTB Ex PT Workshop



## ■ Discussion with people in charge of ex around the world

- Relative about Enclosure Test – 19 reports
- Relative about Battery Test – 22 reports

### ✓ Order of dust/water tests

→ Normatively, there is no predefined order.

Structurally, the standard handles the first characteristic numeral first and then the second characteristic numeral.

### ✓ Temperature measurement – Inquiries about connecting thermocouples

→ There are many ways to attach thermocouples, such as adhesives, adhesive tapes, and caulking (sealing), but with metal adhesive tapes, higher temperatures are likely to be measured due to better heat conduction. It is important to avoid adhesion to a good thermal connection and to avoid air formation between the sample and thermocouple.

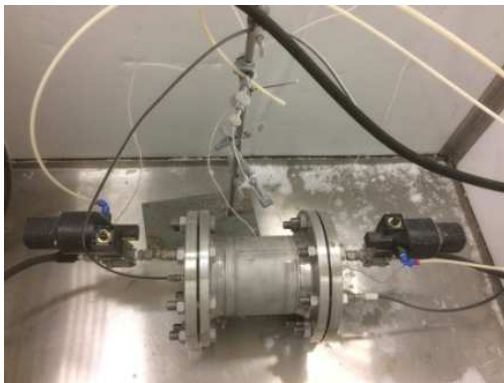
# 2020/2021 PTB Ex PT Workshop



- **The explosion proof certification team** of the ICR Industrial Safety Center will continue to participate in the proficiency program scheduled to be held in the future to provide more professional services for **the explosion proof certification and service** provided to customers.

## <21-year(ongoing) proficiency program>

- ✓ program "Explosion Pressure" 2017
- ✓ Program "Flame Transmission" 2013



< Explosion Pressure Test >



< Flame Transmission Test >

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