

# Newsletter

## March, 2023



# ICR



# Hot Issue

1. Regulation (EU) 2016/631
2. 2023 1<sup>th</sup> Auditor Training Course Plan
3. Testing facility & equipment of ICR Battery Testing Center
4. Participation of PTB Proficiency Testing Scheme
5. National Radio Research Agency Notice No. 2023-3  
Partial revision of notification on conformity assessment of broadcasting and communication



# Regulation (EU) 2016/631



<The certificate award ceremony / ICR Polska >

- Following previous newsletter 02/2023 information about **ICR Polska** becoming one of first accredited certification body within European Union in the scope of **Regulation (EU) 2016/631** (Network Code - NC RfG) for grid connection of generators type A and type B, we would like to inform about **first issued certificate for one of Poland largest manufacturer of reliable power supply systems** for the power industry, nuclear power, oil and gas industry, army and other industries – **APS ENERGIA Co.**

# Regulation (EU) 2016/631



- The certification process was carried in scope of the NC RfG requirements for Low Voltage inverters cooperating with energy storage (BF12z) and fuel cells (BF1H2).
- The certificate award ceremony was held in APS ENERGIA HQ and the certificate was passed by ICR Polska lead assessor PhD. Jarosław Zadrożny to CEO of APS Energia, PhD. Piotr Szewczyk.
- **The certificate has been positively registered to certificate database of PTPIREE** - Power Transmission and Distribution Association, established by Distribution Network Operators and Transmission Network Operator.

 **Inquiries**

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# 2023 1<sup>th</sup> Auditor Training Course Plan

- ICR International Certification Registrar Ltd. Is an auditor training provider directly registered to Exemplar Global.
- ICR plans to hold an **auditor training course in Mar 2023**.
- Through the AU, TL, QM, EM, OH and MD courses, all the trainees will be conducted so that the one's can be qualified for each module.
- Our training teaches auditors how to provide impartial audits based on objective evidence.

※ The detailed schedule of the auditor training course in December 2023 is as follows.  
*(Remote ZOOM training)*

|       |                  |  |
|-------|------------------|--|
| AU/TL | Mar 06~08(3days) | 8hours/1day, total 24hours<br>(3 days) |
| QM    | Mar 09~10(2days) | 8hours/1day, total 16hours<br>(2 days) |
| EM    | Mar 13~14(2days) | 8hours/1day, total 16hours<br>(2 days) |
| OH    | Mar 15~16(2days) | 8hours/1day, total 16hours<br>(2 days) |
| MD    | Mar 20~21(2days) | 8hours/1day, total 16hours<br>(2 days) |

※ Please note that the training schedule may change depending on circumstances and each training may be held or not depending on the number of applicants.

 **Inquiries**

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# Testing facility & equipment of ICR Battery Testing Center

## ■ Thermal runaway/propagation test



Cell/Module/Pack level testing



## ■ Drop/Weight drop(Impact) test



Max. 7m height drop testing



## ■ Crush/Nail penetration



Max. 50 tonf crush, Max. 5 tonf nail penetration

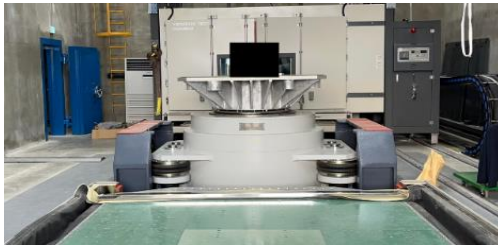
# Testing facility & equipment of ICR Battery Testing Center

## ■ External short-circuit and Electrical safety test



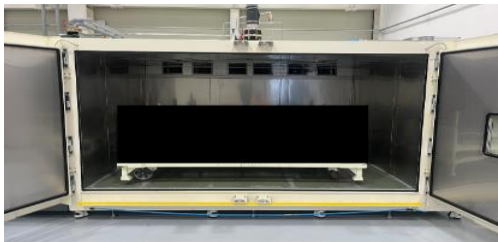
External short-circuit with 5mΩ to 100mΩ and electrical safety test

## ■ Combined vibration/shock + cycle test



30ton vibration system, 2.5m x 2.5m Base plate, Chamber + Cycler

## ■ Environmental and Thermal shock test



3m environmental chamber and 3m thermal shock chamber



# Testing facility & equipment of ICR Battery Testing Center

## ■ Cycle life and performance test



Max. 1,500 V/2,000 A Cycler + Chamber  
+ Chiller for battery cooling + CAN communication

## ■ Immersion, IP, Altitude simulation, Salt spray test



(Immersion box, IP test, altitude chamber, salt spray chamber from left picture)

Middle/Large battery level testing

 **Inquiries**

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# Participation of PTB Proficiency Testing Scheme



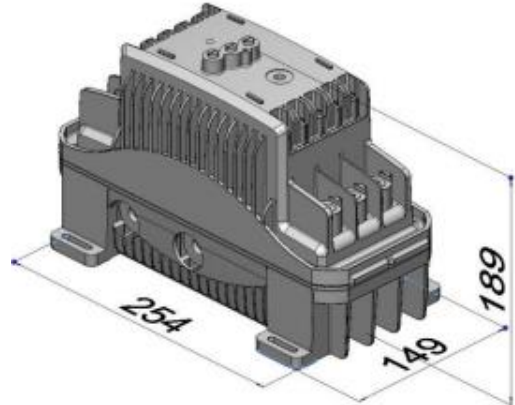
- Participation in the Ex Proficiency Testing Program is an essential requirement to comply with **IECEX Laboratory (ExTL)** requirements in accordance with ISO/IEC 17025 and IECEX OD 202 documents regarding the need to perform inter- laboratory comparisons.
  
- **The Physikalisch-Technische Bundesanstalt (PTB)** located in Germany is the national metrology institute providing scientific and technical services. PTB conducts Ex proficiency testing scheme and provides 2 program every 2 years.
  
- In the last Test Round 2021, approximately 77 Ex test laboratories from around the world, including ICR. ICR participated and completed successfully in two programs: "Flameproof Joints" and "small component temperature".
  
- The Ex Proficiency Test Program scheduled for 2023 is as follows.

# Participation of PTB Proficiency Testing Scheme



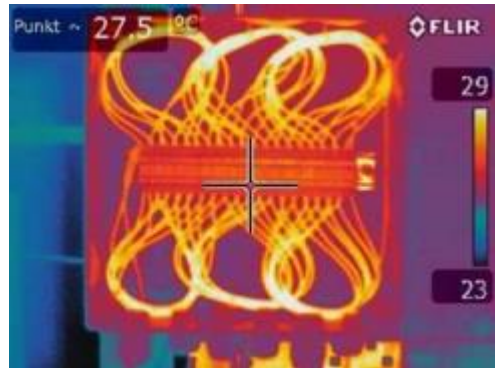
## ▶ Test Round 2023

“Determination of explosion pressure (reference pressure)”  
(IEC 60079-1, Ed. 7.0)



## ▶ Test Round 2023

“Determination of max. temperature of connection and junction boxes”  
(IEC 60079-7, Ed. 5.0)



■ **ICR will also participate in this Test Round 2023**, and we will ensure the effectiveness of the results of explosion proof tests and provide trust to our customers through continuous participation in the Ex proficiency program and successful completion of the program.

 **Inquiries**

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# Partial revision of notification on conformity assessment of broadcasting and communication equipment



## National Radio Research Agency Notification No. 2023-3

「Notice on conformity assessment of broadcasting and communication equipment, etc.」 pursuant to Articles 58-2 through 58-4 of the 「Radio Waves Act」 and Articles 77-2 through 77-8 of the Enforcement Decree of the same Act is amended and announced as follows.

02/03/2023

Director of the National Radio Research Agency

- A part of 「**Announcement on Conformity Assessment of Broadcasting and Communications Equipment, etc.**」 is amended as follows.
  - ▶ In Article 15 Paragraph 1 Subparagraph 3, “conformity assessment with finished products” is changed to “conformity assessment”.
  - ▶ Subparagraph 5 of Article 18 is **newly established** as follows.
    - 5. Industrial equipment (limited to equipment manufactured or imported for the purpose of being used in a restricted space where access control is performed and distribution record management is possible under Article 58-2 of the Radio Waves Act or equipment that can be registered for conformity or wireless equipment that can follow the registration procedure)

# Partial revision of notification on conformity assessment of broadcasting and communication equipment



## <National Radio Research Agency Notification No. 2023-3>

: Science Quantity recognized by the Minister of Technology, Information and Communication

- a. The limited space where access control is performed shall be a space where entry and exit records can be managed, and only authorized personnel can enter.
  - b. Distribution record management shall be traceable even after the exemption of the exemption approval number, product name, model name, lot number, manufacturing/import status, sales/delivery status, etc. of the exempted equipment and supporting data
- ▶ **[Annex 1]** "Item D" in Item No. 11, Item No. 1) of Item No. 1) is set to "Item D 1) to 3)", and item "4) Other lighting fixtures (Christmas tree) in Item 11, item D 4) lighting fixtures, rechargeable mobile lights, dimmers)" as follows.
- 4) Other lighting fixtures (light fixtures for Christmas trees, rechargeable mobile lights, dimmers)
- ✘ Equipment that operates using only DC power is excluded.

 **Inquiries**

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