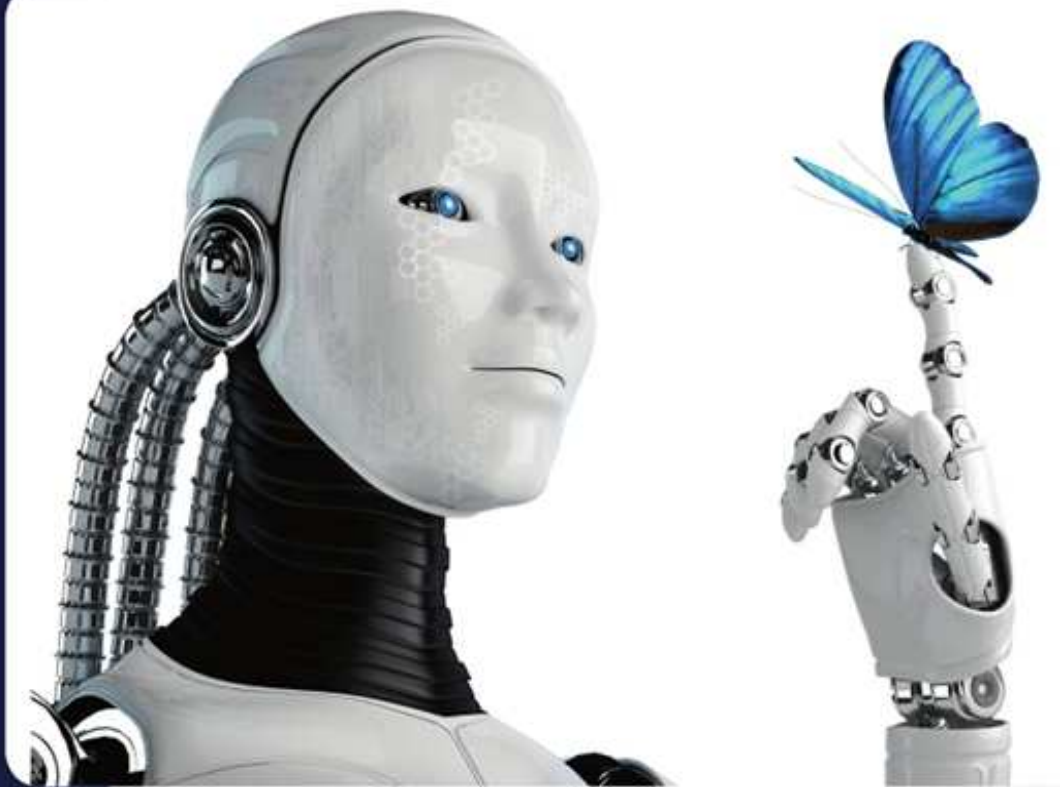


Newsletter December, 2018



ICR



Hot Issue

1. ICR Polska ATEX NB Notification Extension
2. Recognition of Reliability Testing Compliance by S1
3. FCC Authorized Testing Laboratory Grated
4. IEC / EN 62471 (Photo biological safety Service)
5. BLS system establishment and service initiation
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ATEX NB Notification Extension

ICR Polska has completed the NB Scope extension of the ATEX directive to complete the list on the European Union official site, NANDO. This enables direct CE certificate issuance for ATEX products.

Notified bodies
Nando

Country
Legislation
Body
Construction products
Free search
Mutual Recognition Agreements
CETA Protocol on Conformity Assessment
Notifying Authority - Notification procedures
Accreditation Body
Glossary

Single Market and Standards - links
News
Events

Notification

Found : 4

Body :

ICR Polska Sp. z o.o.

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Notified Body number : 2703

Version(s): [1](#) [2](#)

Last update : 28/02/2017

Legislations

2006/42/EC Machinery	HTML	PDF
2014/34/EU Equipment and protective systems intended for use in potentially explosive atmospheres (recast)	HTML	PDF
2014/30/EU Electromagnetic compatibility	HTML	PDF
2014/53/EU Radio equipment	HTML	PDF

Recognition of Reliability Testing Compliance by S1



ICR has been recognized as a reliability testing compliance by S1 on November 7, 2018.

The approved test range from S1 is environmental and electrical test.

Category	Test Item
Environmental Testing	High/Low Temperature Operating Test
	High Humidity Operating Test
	High/Low Temperature Storage Test
	Humidity Cycle Test
	Vibration Test
	Drop Test(packed/unpacked)
	Condensation Test
	IP test
	Noise Measurement Test
	Thermal Shock Test
	Weatherability Test

Recognition of Reliability Testing Compliance by S1



Category	Test Item
Electrical Test	Temperature Rising Test
	Insulation Test
	Insulation Voltage Test
	Power ON/OFF Test
	Power Failure Test
	ESD Test
	EFT/Burst Test
	Impulse Noise Test
	Surge Test
	Conducted RF EMC Test
	Radiated RF EMC Test
	Power RF Immunity Test
	Pulse RF Immunity Test
Ignition Test	

FCC Authorized Testing Laboratory Grated



Date: November 20, 2018

Test Firm Name: ICR Co., Ltd.
Designation Number: KR0165
Test Firm Registration Number: 490614

We have been notified by National Radio Research Agency that ICR Co., Ltd. has been accredited as a testing laboratory.

At this time ICR Co., Ltd. is here by recognized to perform compliance testing on equipment subject to the Commission's Declaration of Conformity (DOC) and Certification rules for the following scope(s):

Intentional Radiators - FCC Part 15 Subpart C
U-NII without DFS Intentional Radiators - FCC Part 15, Subpart E
U-NII with DFS Intentional Radiators - FCC Part 15, Subpart E
Commercial Mobile Services - Part 22 (cellular), Part 24, Part 25 (below 3 GHz), Part 27
General Mobile Radio Services - Part 22 (non-cellular), Part 90 (below 3 GHz), Part 95 (below 3 GHz), Part 97 (below 3 GHz), Part 101 (below 3 GHz)
Citizens Broadband Radio Services - Part 96
Signal Boosters - Part 20, Part 90.219

This recognition will expire upon expiration of the accreditation or notification of withdrawal of Commission's recognition.

Any questions concerning this email should be submitted as an inquiry to the FCC Knowledge Database at www.fcc.gov/kdb.

Various wireless testing service support including 5G NR!

From 11/20/2018, ICR is granted from FCC about **wireless authorized testing laboratory** due to customer's convenient.

ICR can support FCC RF standards **as FCC Part 15C, 15E, 22, 24, 25, 27, 90, 95, 96, 97, 20.**

FCC Authorized Testing Laboratory Grated



Applicable application is Bluetooth, Wi-fi, GSM, WCMDA, LTE, **5G NR**, LoRA, ZigBee, NB-IoT, WPT and so on...

About KC 5G NR, ICR is the first authorized testing laboratory from RRA which can help customer's testing and certification business in one time.

For now, ICR can offer you compliance testing which you can save money and time. If you require any of testing then contact us. ICR always will provide best service what we can do best.

If you need any question then, Please contact kskim@icrqa.com.

IEC / EN 62471 (Photo biological service)



We have started the photo biological safety (IEC / EN 62471) service.

Photo biological safety service means judging service through the test whether it is harmful to eyes or skin in using light equipment or light source (UV, LED, IR)

Service field

- IEC / EN 62471
- IEC / EN 62471-5
- IEC TR 62778
- USA (ANSI RP27.1), Japan (JIS C 7550)



BIS System Establishment and Service Initiation



BIS(Bureau of India Standards)

→ It is a mandatory certification system for industrial products exported to India with Indian national certification that is similar to KS mark of Korea.



Testing shall be carried out at a laboratory in India designated by the Indian government and shall register with BIS the organization and its products.

The ICR has worked with India's designated laboratory, HI Physix Laboratory, to enable BIS testing.



Set-up chamber for energy efficiency and safety test

ICR has set-up two test chambers in addition to the existing energy efficiency test chamber.

- 2 Chambers for energy efficiency test
- 1 Chamber for energy efficiency & safety Test

The dimension of the each test chambers is 123sqm, which is the largest scale as a testing laboratory. (Possible to test max 7 units at once). ICR provides energy efficiency and safety test services according to international standards each country.

- Test items : Household & commercial electronic refrigerator, Electric water heater, Water purifier, Rice cooker, Electric fan, Dehumidifier, Vending machine etc.



On-site EMC Test



On-site EMC Test

Field testing generally occurs when equipment that is too large to fit into a laboratory, equipment that is difficult to install, or equipment that is difficult to move, such as equipment that requires separate power supplies or other connections, cannot be tested from outside the manufacturer.



We are conducting EMC test such as certification of KCs and CE by visiting places where industrial robots, drilling, and milling machine equipment are installed.

Revision of Instruction for Use of Certification & Accreditation Mark



- The instruction for use of certification & accreditation mark for certified clients is revised.
- The instruction is divided into the instruction for use of certification mark(KAB), SI-01_01, and the instruction for use of certification mark (ANAB), SI-01_02; and the differences between the instruction are as follows.
- KAB: Both the accreditation mark and the certification mark cannot be used on the product and the product package(includes primary/ secondary/ large package).
- ANAB: It is similar to the above but it can be used for large packaging for transportation.



Use of certification & accreditation mark

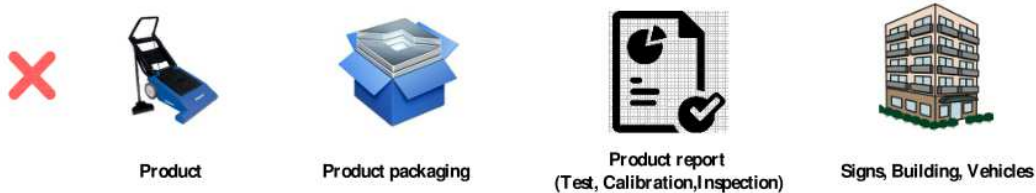
- KAB scheme clients

Where can be used on



Note : promotional goods can include nameplates, textbooks, stationery, brochures, documents, invoices, or other means that are not classified as products of the certified client.

Where shall not be used on



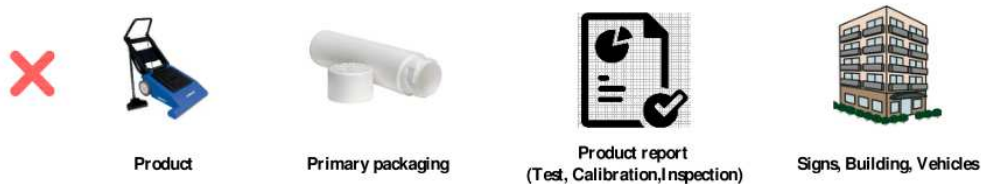
- ANAB scheme clients

Where can be used on



Note : If packaging, etc., used for transportation includes the approved accreditation and certification marks, a clear statement must be included to the effect that the product contained therein was manufactured in a facility with [specify] management systems certified as being in conformity with [specific standard].

Where shall not be used on



Professors and Students of Hanseo University visited ICR



Hanseu University visited ICR on November 2, 2018.

This visiting is program for Excellent company of Industry - University cooperation.



On November 6th, 2017, Both of organizations agreed to work together, This visit was attended by Professor Kim Jung-seop, professor Gu Sung-kwan and 28 undergraduate students.



RoHS training was conducted by Yeon-**chan Kang**, Director of NICE Co., Ltd.

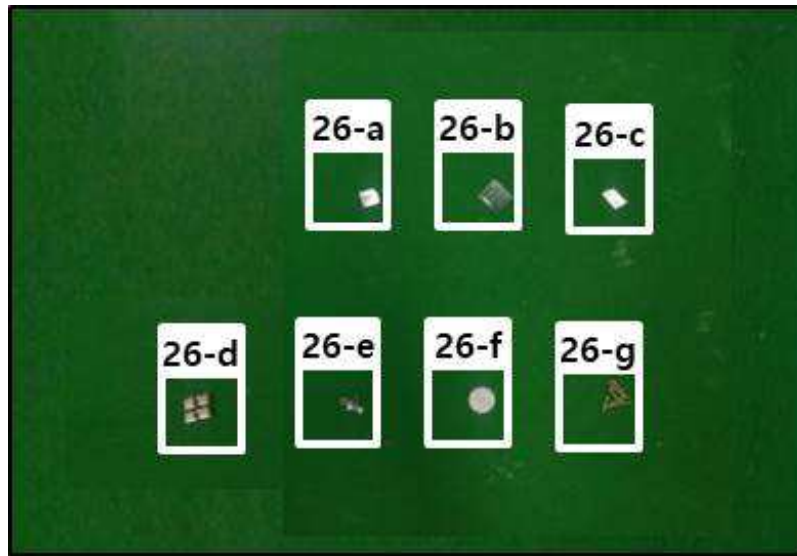
ICR currently carries out analytical work on six restricted substances according to EU RoHS.

RoHS is a Restriction of the use of Hazardous Substances in EEE,

which is intended to contribute to the reduction of environmental pollution, the protection of human health, and the eco-friendly collection and disposal of WEEE.



RoHS training was conducted by Yeon-chan Kang, Director of NICE Co., Ltd.



Analysis is currently underway with regard to the six major restriction substances, but the analysis of the 10 major restriction substances will be enforced in July next year as the four phthalates are added.

In this regard, we invited a specialist in RoHS, Yeon-chan Kang, Director of NICE Co., Ltd. He provided professional training on RoHS.

RoHS training was conducted by Yeon-chaan Kang, Director of NICE Co., Ltd.



The main content was related to the accurate analysis of the RoHS 10 restriction substances with the addition of the four phthalates, and it have made a meeting to improve the professionalism of the business by sharing the analysis methods of NICE Co., Ltd.

In the future, we will continue sharing and training to provide with specialized services for our customers, and we will be the best in all fields.

Regulatory item	Measured Value (mg/kg)
Cd	100
Pb	1000
Hg	1000
Cr6+	1000
PBBs	1000
PBDEs	1000
DBP	1000
BBP	1000
DEHP	1000
DIBP	1000



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