



Bureau Veritas Consumer Products Services

Global Update Newsletter 2018 Archive



Bureau Veritas Consumer Products Services
2018 Global Update Newsletter

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Bureau Veritas acquires ICTK in South Korea and enters smart payment market



We have acquired ICTK Co., Ltd. (ICTK), one of the key global players in smart payment testing and certification services for mobile devices, payment cards and point of sale terminals.



Founded in 2001 and headquartered in the Gyeonggi-do province, South Korea, ICTK provides smart payment security testing and certification against EMVCo⁽¹⁾ and Visa requirements. The company serves international high-tech manufacturers, brands and financial service leaders. ICTK employs 20 people and generated around €3 million revenues in 2016.

ICTK expands our capabilities in Smartworld and enables us to acquire EMVCo / VISA accreditations. It is a unique opportunity for Bureau Veritas to enter the smart payment market, a segment that continues to expand as consumer demand for contactless and mobile payment grows at a rapid pace. EMVCo / VISA accreditations also open up development prospects in China and the United States.



This is the third Smartworld acquisition in the last two years adding payment security capabilities to our portfolio, a fast growing segment especially in mobile payments which is experiencing high double digit growth. With Bureau Veritas' leadership position in regulatory and performance testing and ICTK's leadership position in payment security services, our clients will benefit from a complete solution for their products.

- commented Bureau Veritas Chief Executive Officer Didier Michaud-Daniel



With the continued development of new mobile and smart payment methods, the need for smart payment testing grows apace. As a recognized specialist in this technological niche, we are proud to join forces with a global leader in the Smartworld testing and certification industry.

- stated Justin Jungwon Lee, Chief Operating Officer of ICTK



⁽¹⁾ EMVCo is a global standard and facilitator for interoperability and acceptance of secure payment transactions.



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Bureau Veritas acquires IPS Tokai Corporation in Japan and enhances presence in Automotive in Asia



We acquired IPS Tokai Corporation, one of the key testing players in automotive electromagnetic compatibility (EMC) testing in Japan in November 2017.



IPS Tokai Corporation, located in Anjo-shi, Aichi Prefecture, is a division of IPS Corporation specializing in automotive testing services. It offers EMC and Environmental test services for electronic components and subassemblies intended to be fitted on vehicles. It serves Japanese Tier 1 and 2 automotive suppliers, employs 10 people and generated around €2 million revenues in 2016.



IPS Tokai Corporation provides Bureau Veritas with our first laboratory in the technology testing market in Japan. The acquisition enables us to drive synergies with our Smartworld capabilities to support Japan's high tech brand and manufacturing leaders as industries continue to develop digital and wireless innovations. It also enables us to acquire automotive EMC capabilities and accreditations in Japan and expand our global footprint.



Automotive is one of our five strategic growth initiatives and the Japanese automotive industry is one of the most prominent and largest industries in the world. I am delighted to welcome IPS Tokai Corporation to Bureau Veritas. With this acquisition, Bureau Veritas not only expands its footprint in Asia, but we are able to diversify our portfolio by adding testing capabilities. Coupled with our Smartworld services, Bureau Veritas can help suppliers meet the compliance and performance needs of today's and tomorrow's electric vehicles and connected cars. We will also leverage our network to support the Japanese automotive industry in expanding overseas.

- commented Bureau Veritas Chief Executive Officer Didier Michaud-Daniel



We are very happy for our Automotive EMC business to join Bureau Veritas, and look forward to exploring collaboration opportunities for the automotive marketplace. Bureau Veritas' technical capabilities complement our EMC services providing our clients with both wireless conformity and performance as well as EMC testing.

- stated Yasuyuki Nagahara, President of IPS Corporation



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Bureau Veritas and EDF forms Strategic Alliance



We have formed a strategic cooperation with EDF SA in France and EDF in China to provide testing and certification for high voltage electrical product / equipment manufacturers in China.



A Memorandum of Understanding agreement was signed in Beijing, China by Xudan Song, Senior Executive Vice President of EDF China; Jacques Sacreste, International R&D Director of EDF SA (France), and Nicolas Girard, Vice President, Electrical and Electronics of Bureau Veritas CPS.

Chinese high voltage electrical product manufacturers continue to produce quality products and sell to global markets. However, to obtain market access, vendors are required to produce and test the products based on buyers' requirements and/or fulfill Short-Circuit Testing Liaison (STL) Certification scheme. There are limited solutions in existence today in China for STL Certification, which creates challenges with competitiveness and speed to market.

To facilitate fast market access, Bureau Veritas and EDF have reached an agreement on providing testing and certification solutions in China. This enables Chinese manufacturers to test their products in China for Protocol Testing and in EDF's high voltage lab near Paris, France for official STL Certification. This partnership offers a credible alternative solution for testing and certification for high voltage product manufacturers.



Since the 1990s, EDF China has offered R&D support to nuclear plants and energy management providers in China. It is a big step forward to cooperate with Bureau Veritas to provide an alternative solution to assist Chinese high voltage electrical and electronics manufacturers in terms of testing, inspection and certification. Our R&D team is very enthusiastic to share the experiences and technical platform to support the development of the high voltage industry in China.

- commented Xudan Song, Senior Executive Vice President of EDF China

This partnership comes at a time when EDF R&D global strategy is opening up its expertise and service to external clients. This transformation, started several years ago, is already demonstrating success, and this partnership with Bureau Veritas in China is another important milestone in our strategy.

- commented Jacques Sacreste, International R&D Director of EDF SA (France)

EDF SA has a name that speaks for itself in the energy and high-voltage industry. Combining Bureau Veritas' global recognition and expertise in the electrical and electronics industry, we can conduct witness tests at suppliers' premises and provide a complete solution to obtain STL Certification. We are confident that this cooperation will help high voltage product manufacturers in China to export their products to the global market in a timely fashion."

- said Nicolas Girard, VP of Electrical and Electronic Business Line of Bureau Veritas CPS



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Bureau Veritas acquires METRACEM in France

In August 2017, we acquired METRACEM, a French testing body for electrical and electronic equipment located in Vourles (Lyon) in the Rhône-Alpes region of France, a renowned digital hub supporting many electronics clusters.

Established over 20-years ago in 1996, METRACEM provides safety and electromagnetic compatibility testing to manufacturers of aeronautics, automotive, consumer, industrial, medical and railway products and systems.



LCIE

METRACEM



The addition of METRACEM complements our existing platform including 5 laboratories in France whilst strengthening our position as a leading provider of technical market access services. This acquisition further demonstrates our commitment to our 2020 plan by supporting the acceleration of our Smartworld and Automotive strategy, but also allowing us to leverage our international certification business to expand the total solution to clients within this highly strategic region.

- commented Christophe Richard, Vice President of the Electrical & Electronic Business Line, EMEA Region for Bureau Veritas' LCIE



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Bureau Veritas CPS recognized as Good Employer in Hong Kong

~ Receives 3 Mandatory Provident Fund (MPF) Awards ~

Bureau Veritas CPS Hong Kong has once again received the Good MPF Employer Award as well as two new awards: the E-Contribution Award and the Support for MPF Management Award. The awards were issued by the Mandatory Provident Fund Schemes Authority (MPFA) and cover the Year 2016 - 2017.



We are honored to receive these three awards from the MPFA. Being the 2nd year of receiving this Good MPF Employer Award recognizes our people focus to enhance the retirement benefits of our employees. We additionally provided further support to our employees by conducting a series of MPF Talks in March and May to disseminate the latest information of the Default Investment Strategy and other MPF updates.

Mandatory Provident Fund aims to provide better retirement protection for employees while cultivating employers' responsibility under the law. As an established employer in Hong Kong, these awards are recognitions of our dedication and commitment to corporate social responsibility and demonstrate our strong focus on friendly-working culture and environment that we place globally on our workforce.

- said Doreen Chiu, VP, Global Human Resources at Bureau Veritas CPS



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Bureau Veritas announces Latest RSM Enhancement



We have enhanced OneSource' Regulations and Standards Management (RSM) database. It has expanded to include 19 new countries for 47 product categories.



RSM is a powerful database containing regulations and mandatory standards for more than 100+ countries and a variety of consumer products including but not limited to toys, apparel, footwear, jewelry, and food contact articles.

This latest update includes the addition of 19 new countries, including Algeria, Belarus, Costa Rica, Jordan, Kazakhstan, Sri Lanka and the Ukraine, among others, for 47 product categories.

A few of the product categories launched for the new countries include:

- ✓ Cribs
- ✓ Bassinets and Cradles
- ✓ Car Seats and Car Booster Seats
- ✓ Strollers and Carriages
- ✓ High Chairs
- ✓ Stationary Activity Centers
- ✓ Playpens and Play Yards
- ✓ Infant Swings, Walkers & Door Bouncers
- ✓ Food Contact Articles
- ✓ Adult & Children's Apparel
- ✓ Children's Sleepwear
- ✓ Adult & Children's Footwear
- ✓ Adult & Children's Jewelry
- ✓ Adult & Children's Bags
- ✓ Books & School Supplies
- ✓ Soft Home Goods
- ✓ General & Children's Furniture
- ✓ Upholstered Furniture

Launched in 2012, RSM is Bureau Veritas' answer to client's demand for timely, easy to access, relevant information on changes to mandatory technical and regulatory requirements worldwide. Information is continually updated and access is customized based on the countries and product categories you need. Powerful searching mechanisms allow you to further analyze the requirements that exist in the system.

As the regulatory landscape of consumer product requirements is ever-changing, more databases such as toy categories, adult and children's cosmetics, household cleaning products, etc. will be adding onto the RSM.

Contact us for more information or learn more at www.bureauveritas.com/rsm.



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Bureau Veritas Global Compliance Monitor Overview

~ The weekly source for consumer product news, regulations, legislation and standards ~



We understand that knowledge of global compliance requirements is critical to manage risk, quality, time and cost. Changes to the consumer product industry are happening every day and companies need to keep ahead of these changes. With Bureau Veritas Global Compliance Monitor (GCM), we have taken the first step for you and your company to stay informed.



The GCM is a weekly publication designed to help companies better understand today's complex regulatory environment and keep informed of legislative and industry activity. The publication offers comprehensive monitoring of regulatory issues around the globe for major consumer product categories and topics including toys, hard goods, apparel and textiles, corporate social responsibility, health and beauty, food, and electrical items.

The GCM is an offering of the Bureau Veritas' Knowledge Products group, powered by our Information Resources Center (IRC). The IRC is a focused research group with experience in regulatory and industry-related subject matter. This team has worked with leading companies around the world for more than 20 years to help them better understand the global consumer market and regulatory environment. It actively monitors thousands of websites and databases from regulatory and standards bodies to collect the most up-to-date information for publication each week.

SUBSCRIPTION

To obtain pricing information or to subscribe to the Global Compliance Monitor, e-mail us at knowledgeproducts@us.bureauveritas.com

For more information on the GCM and other Bureau Veritas Knowledge Products, visit www.bureauveritas.com/knowledge



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Bureau Veritas Consumer Products Services
The Global Compliance Monitor
 A publication of the Information Resources Center



Bureau Veritas opens a new Footwear laboratory in Putian, China

Local testing services for safety footwear

Our new footwear laboratory in Putian, Fujian Province, China, expands our footwear testing portfolio in the southern mainland while meeting the growing demand of local safety footwear testing for exports and domestic consumption.

Accredited by China National Accreditation Service (CNAS) and China Metrology Accreditation (CMA), the new footwear laboratory provides both physical and analytical testing services for safety footwear in accordance with the China GB, USA, Europe, Canada, and Australia standards. Standards covered:

Market	Test Code	Standard
USA	ASTM F2412	Standard Test Method for Foot Protection
USA	ASTM F2413	Standard Specification for Performance Requirements for Protective / Safety Footwear
Canada	CAS/CSA Z195	Protective Footwear
EU	EN ISO 20344	Personal protective equipment — Test methods for footwear
EU	EN ISO 20345	Personal protective equipment — Safety footwear
EU	EN ISO 20346	Personal protective equipment — Protective footwear
EU	EN ISO 20347	Personal protective equipment — Occupational footwear
EU	EN 61340	Electrostatic test method — Footwear
Australia	AS/NZS 2210	Occupational protective footwear
China	GB/T 20991	Personal protective equipment — Test methods for footwear
China	GB/T 21146	Personal protective equipment — Safety footwear
China	GB/T 21147	Personal protective equipment — Protective footwear
China	GB/T 21148	Personal protective equipment — Occupational footwear



Analytical Lab



Physical Lab



Footwear Lab - GB Standard



Safety Footwear Lab



Our local technical team provides on-site technical support and advisory services to manufacturers, combined with the local testing, which can greatly save time and cost for clients. Coupled with our comprehensive footwear testing network in Guangzhou, Wenzhou, Quanzhou, Hong Kong, and Taiwan, we can provide an even faster and convenient total testing solution to clients in this growing market.

- commented Joeie Tsang, General Manager of Bureau Veritas CPS for Guangzhou, Putian, and Quanzhou, China



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Bureau Veritas announces Accreditation for its new Thailand laboratory



Our Thailand laboratory, recently opened in Bangkok, has obtained ISO/IEC 17025 accreditation. The new Thailand laboratory is the latest addition to Bureau Veritas' network for softlines and leather goods.

Strategically situated in Bangkok, only a few kilometers from the Suvarnabhumi Airport, the new operation resides in a modern office / laboratory occupying 2,700 square meters and staffed with an experienced team of technical and customer service specialists. It is also equipped with the latest testing equipment; including the following analytical test platforms:



- Gas chromatography–mass spectrometry (GC-MS)
- Liquid chromatography–mass spectrometry (LC-MS)
- Inductively coupled plasma optical emission spectrometry (ICP-OES)
- High-performance liquid chromatography (HPLC)
- Fourier-transform infrared spectroscopy (FTIR)
- Ultraviolet-visible spectrophotometry (UV-Vis)

Services include:

- Dimensional Stability (Shrinkage) and Colorfastness
- Fiber Content and Fabric Construction
- Flammability, Abrasion and Strength
- Water Resistance and Repellency
- Chemical / Analytical tests of pH, Formaldehyde, Lead Content, Heavy Metals and Phthalates
- Inspection for both soft and hard goods



“The opening of our Thailand laboratory supports the growth of the garment and textile industry in Thailand and meets the increasing testing and inspection/audit needs in the area. It also provides a base for further service and market segment expansion which we will align to the changing dynamics of Thailand's consumer and electrical/electronic goods market.

- commented Rasanga Ulluis Hewage, Regional Chief Executive of Bureau Veritas CPS for Central Asia region



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Bureau Veritas launches SAC Higg Index Verification Service

~ Driving Collaboration on Sustainability ~



The SUSTAINABLE APPAREL COALITION (SAC) was formed in March 2011 and is a multi-stakeholder group composed of leaders in the global apparel industry. It has over 200 members, and have committed to working together to reduce the environmental and social impacts of apparel and footwear products around the world.



The focus of the Sustainable Apparel Coalition is the development and use of the Higg Index: a suite of self-assessment tools designed to measure the sustainability impacts of apparel and footwear products. At the facility level, there are two modules: the Environmental Facility Module and the Social/Labour Facility Module-Beta. Specifically, the facility tools are primarily used by manufactures and facilities but can also be shared with sourcing, brands, and retailers.

WHAT IS THE SAC HIGG INDEX VERIFICATION PROCESS

1 Verification Preparation	2 On-site Verification	3 Reporting	4 Higg Index Platform
Facilities complete self-assessment online and provide it to Bureau Veritas	Bureau Veritas develops Performance Plan after document review, interview and on site observation	Bureau Veritas sends the finalized report to the facility and SAC	Facilities upload the verification report in the higg.org platform

Bureau Veritas - Approved Verifier for the SAC Higg Index Verification

Our verifiers have undergone standardized training to ensure highest quality and service. Our experience in environmental areas allows us to offer you a program of proven procedures that will save you time and money.

Additionally, our international network covers 1,400 locations in more than 140 countries, enabling us to verify the production sites of your suppliers directly on-site in most sourcing countries. In addition, we are able to carry out verifications quickly, with fast turnaround of queries/accurate reports.

Furthermore, we have ZERO TOLERANCE against deviation from Code of Ethics. In line with this reputation, we operate an active, dynamic training and integrity program. The aim is to minimize the risk of corruption, as well as to provide verifiers, factories and customers with our guidelines and requirements with regard to integrity.



Bureau Veritas sponsored AAFA's Preparing for Higg 3.0 Webinar in November

The SAC has released an updated version of its Higg Facility Environmental Module (Higg FEM). Bureau Veritas collaborated with the American Apparel & Footwear Association (AAFA) on 14 November to organize a webinar discussing the preparations for Higg Index 3.0. for apparel and footwear industry professionals.

The webinar provided a preview of the Higg Index suite of tools, with specific focus on Higg FEM, and offers an overview of the updates related to general Sustainability initiatives (ZDHC, Social & Labor Convergence Project, environmental certifications, etc.) In the webinar, Jason Kibbey, CEO of the Sustainable Apparel Coalition, and Rick Horwitch, Vice President, Global Retail Market Lead & Supply Chain Strategy, Bureau Veritas CPS shared the updates and solutions with the delegates.

Contact us for a quote or visit our website for more information.



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Bureau Veritas spoke at key Industry Events for Apparel & Textiles



As a global leading testing, inspection, and certification service provider, we have actively sponsored and participated in a few key industry events to keep ourselves in the forefront of the latest market development, and stay connected with our clients worldwide.

Bureau Veritas @ AAFA's Product Safety and Compliance Conference 2017 in Vietnam

The AAFA's Product Safety and Compliance Conference was held in Ho Chi Minh City, Vietnam on 19 October, 2017. The conference brought together industry leaders to educate factories, textile and component companies, and chemical and processing firms that partner within the supply chains of major brands and retailers, and suppliers in Vietnam. Hottest topics such as US trade outlook and impact; proactive chemical management early in manufacturing process; and critical components of manufacturing and delivering products that meet global regulations, CSR, factory and social compliance were addressed.



D. Balasubramanian, Regional Chief Executive, Bureau Veritas CPS spoke on chemical and discharge management at the panel session of "Ensuring Factory Compliance: Regulations, Chemicals & Sustainability".

Conference participants from brands, retailers and manufacturers also exchanged their insights with our representatives at the table-top exhibit on the latest market accessibilities for apparel, garments, and footwear industries. As well as our latest service offerings that help address the challenges presented by hazardous substances in the apparel and footwear supply chain were also discussed.



Bureau Veritas @ US Sourcing Journal Summit 2017

The Sourcing Journal Summit 2017 took place at Espace in New York, USA on 17 October, 2017. The Sourcing Journal Summit was a unique gathering of supply chain executives leading the sector's latest initiatives. Top thought leaders shared key insights, talked about how they're transitioning in this altered landscape and discuss the kinds of pivots and plans that will keep bankruptcy at bay — all through keynotes and interactive panel discussions designed to bring today's sourcing issues to life.

2017
SOURCING
JOURNAL
SUMMIT

The Sourcing Journal is the premiere trade publication for apparel and textile executives focused on sourcing and manufacturing. With continuous updates on global market conditions, breaking news stories, top-tier investigative journalism and industry white papers, the Sourcing Journal makes sense of an increasingly complex sourcing landscape.

As an event sponsor, Bureau Veritas shared with the audience almost all things related to apparel and textiles and how we can help the supply chain to stay competitive in this challenging arena.



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Bureau Veritas announces True AIR Certification Program



We have launched Bureau Veritas' True AIR, an innovative certification program that verifies office / home furniture and construction materials meet rigorous standards for low VOC emissions.



VOCs are volatile organic compounds or chemicals that can be released, or off-gassed, from many products used to build and furnish homes and businesses.

Over time, this infiltrates into the surrounding environment and affects the air that we breathe. This is also commonly known as the "new smell" odor that can be associated with products or their packaging.

Bureau Veritas' True AIR Certification program, developed in partnership with MAS (Materials Analytical Services), helps manufacturers and retailers address potential VOC exposure concerns in furniture, interior building materials, paints, carpets and the furnishings they sell.

The True AIR Certification program is a voluntary ISO 17065 compliant certification that screens raw materials, monitors supply

chains and thoroughly tests finished materials. It enables architects, suppliers and consumers to select furniture, furnishings and construction materials that have been stringently tested to meet strict VOC standards that can contribute to a healthier environment inside buildings, workspaces and homes.



Bureau Veritas True AIR Certification is truly innovative. While similar programs do exist using the same type of testing methods and technologies, our program focuses on identified core VOCs of concern, as well as over 100 VOCs that are currently on watch lists that may be identified as of concern in the future. This focused approach is considered the most cost effective from a testing and manufacturing standpoint. Accredited by over 60 bodies internationally and a leader in providing product certification services, we support retailers and manufacturers to deliver safe, quality, functioning and increasingly environmentally friendly products.

- commented Tim Mattulke, Vice President of Technical Services and Consultancy, Americas, Bureau Veritas CPS

Contact us for a quote or visit at www.bureauveritas.com/trueair for more information.



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Mold Analysis: Solutions beyond presence or absence of mold

In today's global market, shipments often travel around the world. Occasionally, a shipment can be received in which the products exhibit discoloration or other surface imperfections, or they may have a musty odor. These characteristics could signify the presence of mold. This poses a serious problem for many vendors and retailers since such products will not be able to be placed on the market.

The questions now surrounding your situation are:

- ❁ *Is it mold?*
- ❁ *If it is mold, does it pose a threat to human health?*
- ❁ *Do we have to dispose of the entire shipment?*



Bureau Veritas Solutions

Most clients require more information than is it mold, to make a business decision. For example,

Is the mold active (growing) on your product? What is the mold genus?

Additional steps must be taken to determine the kind of mold and potential threat to human health.

Mold Analysis is done to identify and determine the specific mold genus. Standard turnaround time is six business days and expedited service is available.

When information about the potential implications to human health with this particular type of mold is needed, then a Mold Analysis for species is needed. Standard turnaround time is 10 days.

Next, a Toxicological Risk Assessment based on the genus and species is done by a toxicologist to determine the potential implications to human health. Standard turnaround time is 7 - 8 business days and expedited service is available.

When more information is needed regarding the potential implications to human health for the specific product, then the mold species must be determined and a Toxicological Risk Assessment is performed.

Bureau Veritas can help you addressing the mold in your products with a range of mold analysis services.

Contact us for a quote or visit our website for more information.



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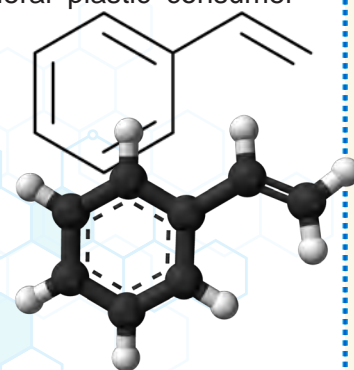


California Prop 65 Safe Harbor Assessment on Styrene



Styrene is a chemical building block widely used to make plastics, fiberglass, rubber, and latex. Consumer products made with styrene or polystyrene include toys, school supplies, infant products, home improvement items, plastic drinkware, luggage, shoes and many other general plastic consumer products.

In April 2016, California added Styrene to its list of chemicals known to the state to cause cancer, also known as the list of Proposition 65 chemicals. The listing of styrene is based on formal identification by the National Toxicology Program (NTP), that the chemical causes cancer. On 1 July, 2017, the No Significant Risk Level (NSRL) for styrene of 27 µg per day became effective.



Bureau Veritas can help

Testing alone is not going to provide compliance to NSRLs. The only way to determine compliance to the µg per day is to carry out an exposure scenario through a California Prop 65 Safe Harbor Assessment.

Bureau Veritas can work with clients to help address Styrene in their products.

- Step 1: Product testing / assessment to determine a presence of styrene in your product.
- Step 2*: Check against existing court settlements to determine if further assessment is needed.
- Step 3: Perform a California Prop 65 Safe Harbor Assessment to determine if product will comply or not comply with NSRL of 27 µg per day.

Remarks: *Some companies stop at Step 2. It is a business decision whether you need to proceed to Step 3.

Contact us for a quote or visit our website for more information.



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Bureau Veritas exhibited at the AHFA Regulatory Summit in USA



Held in last October at Colfax, North Carolina, USA, the AHFA Regulatory Summit was a one-day conference exploring the issues, policies and emerging challenges surrounding regulatory implementation and compliance.

The American Home Furnishings Alliance (AHFA) was the voice of the residential furniture industry, representing companies large and small, public and private, domestic and import. Bureau Veritas is a member of the AHFA.

As an event sponsor, Bureau Veritas participated and exhibited in the Summit. Tim Mattulke, Vice President of Technical Services and Consultancy, Bureau Veritas CPS provided information on Bureau Veritas' new True Air certification for verifying VOC emission in products as well as a wide variety of furniture related testing, including ISTA package, chemical, BIFMA, fabric and textile, and performance.

Contact us on Bureau Veritas True AIR Certification Program.

2017

REGULATORY SUMMIT

OCTOBER 25



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Bureau Veritas Shenzhen Laboratory expands new Testing Capability for Playground Equipment

Each year, thousands of children around the world are injured when they are hit by swings or other moving equipment such as seesaws and slides, or are cut from sharp edges and protruding bolts on play structures.

To help prevent many of these injuries associated with playground equipment, regulatory enforcements have been implemented in USA and EU to foster greater equipment safety.

 **ASTM F1148** – The Consumer Safety Performance Specification for Home Playground Equipment applicable in USA






 **EN71-8** – EU Standard applicable to activity toys for domestic use

 **EN71-14 Trampoline** – EU Standard applicable to Trampolines for domestic use



To support the Playground Equipment manufacturers, builders and installers, our Shenzhen lab in China has developed new test capability against these standards covering a range of home playground products such as swings, slides, seesaws, and trampolines.

Services include:

-  Performance testing on the load bearing components
-  Safety test of body entrapment hazard review on product
-  Pulling test on test components
-  Product development advisory
-  Technical Consultation

Additionally, Playground Equipment manufacturers, builders and installers can also benefit from our global network for faster market access.

Contact us for a quote or visit our website for more information.

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Transition to IATF 16949



IATF 16949:2016 (previously ISO/TS16949), is the most widely used international quality management systems standard in the automotive industry, harmonizing the different assessments and certification systems in the global automotive supply chain.

This new standard will supersede and replace the current ISO/TS 16949:2009, defining the requirements of a quality management system for organizations in the automotive industry. IATF 16949 is aligned with and builds upon the most recent version of ISO's quality management systems standard, ISO 9001:2015, fully respecting its structure and requirements.

If IATF 16949 is implemented and properly managed, an organization will:

1. Satisfy OEMs and Tier 1 supplier requirements and expectations
2. Produce safer and more reliable products
3. Meet or exceed customer requirements
4. Improve processes and documentation system

Discover Bureau Veritas e-Learning & Transition Pack for IATF 16949

In order to accompany your organization to a successful transition, Bureau Veritas has developed a series of digital tools to train and provide the necessary knowledge of new standard content and requirements, and give you the possibility to prepare a gap analysis for your organization. The All-New Transition Pack combines e-learning training courses and tools to assess the gap between the current situation and the future standard. Three tiers of Transition Packs have been designed to address a different range of needs- Bronze, Silver, Gold.



For either small or large organizations, the Transition Pack offers the best, cost effective solution to help you prepare your organization with transitioning to IATF 16949:2016.

- **e-Learning** - Bureau Veritas is committed as your premier training provider for your Management System needs. To make training easier and more accessible, LEAD by Bureau Veritas provides a 24/7 online Learning Management System. Our e-learning programs can be taken when you need. >> [Learn more](#)
- **Online Self-assessment Tool** - On-line tool based on the new requirements so you can assess current compliance in your ISO/TS against the requirements of IATF 16949:2016 new standard. >> [Learn more](#)
- **Transition Packs** - You can choose between different levels of support: a basic pack helps in preparation for first steps of transition, while the all-in-one service pack provides a cost-effective way to help clients move through the process with confidence and includes e-learning sessions and online self-assessment tool. >> [Learn more](#)

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Bureau Veritas' 7layers becomes first Authorized Test Laboratory for DSRC-V2X Technology

~ providing conformance certification for emerging Connected Vehicle and Automation Market ~

7

layers, a Bureau Veritas Group Company, has been authorized by the OmniAir Consortium as the first OmniAir Authorized Test Laboratory (OATL) for Dedicated Short-Range Communications (DSRC) based Vehicle-to-Everything (V2X) technology. 7layers also launched its first OmniAir's commercial Connected Vehicle certification program in October 2017.



OmniAir Consortium is the leading industry association promoting interoperability and certification in Intelligent Transport System (ITS), tolling, Internet of Things (IoT) technologies and connected vehicles. OmniAir's certification program provides third party accredited laboratory testing and validation of DSRC-based V2X devices for device manufacturers, suppliers and automotive OEMs entering the V2X market. It validates the products that conform to industry protocol standards and specifications for device communications.

7layers runs engineering and test centers specializing in wireless technologies. 7layers supports the development, testing and market access processes of connected devices, as well as the setup and maintenance of smart IoT services through its test products and services.

With facilities in North America, Europe and Asia, 7layers works with manufacturers, network operators, technology developers and organizations supporting wireless technologies across multiple industries, including the fast-growing automotive market with its Vehicle-to-Everything applications.



As a member of OmniAir, 7layers also participated in developing the Connected Vehicle Next Stage Certification Program, initiated by the US Department of Transportation (USDOT).

“ We are thrilled to be selected as the first OmniAir Authorized Test Laboratory for the Connected Vehicle certification program. We expect this program to be an important step in making our roads safer, and vehicle transport more efficient and environmentally friendly. As an OmniAir Authorized Test Laboratories (OATL), 7layers now has the chance to support industry innovation through certification, by letting good quality products stand out in the V2X market.

- commented Fernando Rodríguez, CEO of 7layers

”



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Bureau Veritas participated at US Automotive Testing Expo



As the leader in delivering testing, inspection, advisory and homologation services to the automotive industry, Bureau Veritas exhibited at the Automotive Testing Expo held in Novi, Michigan, USA on 24-26 October, 2017.

The US Automotive Testing Expo is the world's leading trade fair for automotive testing, evaluation and quality engineering. The event consisted of a conference program and an exhibition showcasing the latest technologies and services that are designed to ensure that the highest standards are met in terms of product quality, reliability, durability and safety.



Dmitri Khijniak, Business Development Manager of Technology & Services Development at Bureau Veritas'

7layers spoke at the Open Technology Forum Programme of the tradeshow. He presented "V2X Certification – What it is and how to pursue it" to the attendees and how we could support the automotive supply chain to overcome the challenges they are facing.

At the tradeshow, our team of experienced representatives coming from Bureau Veritas CPS' six automotive testing labs in the Americas on hand presented information covering EMC Testing,

Certification, Environmental Testing, Material Testing, Performance Testing, and Chemical / Analytical Testing to the visitors.

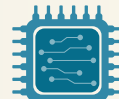


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Bureau Veritas' Curtis-Straus receives expanded Certification Accreditation Scope from ANSI



Bureau Veritas' Curtis-Straus in USA is recognized by EPA as a Certification Body for the ENERGY STAR® Program and the VOC Certification Program, True AIR, as certified by ANSI.



Curtis-Straus is now recognized to certify products including household appliances, lighting and fans, heating and cooling equipment, office and electronic equipment, and electric vehicle supply equipment, etc. for the ENERGY STAR Program.

Appliances (Granted 2014-12-9)

- Clothes Washers
- Dishwashers
- Refrigerators & Freezers

Commercial Food Service Equipment (Granted 2014-12-9)

- Commercial Fryers

Electronics and Office Equipment (Granted 2014-12-9)

- Audio/Visual
- Professional Displays
- Set-top Boxes & Cable Boxes
- Telephones
- Televisions
- Computers
- Enterprise Servers
- Imaging Equipment
- Uninterruptible Power Supplies

Lighting and Fans (Granted 2014-12-9)

- Ceiling Fans
- Decorative Light Strings
- Lamps
- Light Fixtures (Luminaires)

Others (Granted 2014-12-9)

- Vending Machines
- Water Coolers

Heating and Cooling (Granted 2014-12-9)

- Heat Pumps, Air Source
- Heat Pumps, Geothermal
- Air Conditioner, Central
- Air Conditioner, Room
- Room Air Cleaners and Purifiers
- Dehumidifiers

Office and Electronic Equipment (Granted 2016-11-17)

- Large Network Equipment
- Small Network Equipment

Heating and Cooling (Granted 2017-06-30)

- Connected Thermostats

Other (Granted 2017-06-30)

- Electric Vehicle Supply Equipment



Additionally, Curtis-Straus is recognized to test to the following standards for the True AIR Certification Program.

Test Method (Granted 2017-2-10)

- ANSI/BIFMA e3-2012 Furniture Sustainability Standard
- ANSI/BIFMA e3-2014 Furniture Sustainability Standard
- CDPH/EHLB Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers v 1.1-2010
- ANSI/BIFMA M7.1-2011 Standard Test Method for Determining VOC Emissions from Office Furniture Systems, Components and Seating
- ANSI/BIFMA X7.1-2011 Standard for Formaldehyde and TVOC Emissions of Low Emitting Office Furniture and Seating

ENERGY STAR® is a joint program established by the EPA and the U.S. Department of Energy aiming to protect the environment through energy efficient products and practices.

Bureau Veritas supports ENERGY STAR certification and provides testing services for a full range of electrical products through our global network of facilities in Asia and the Americas. Among these programs are audio/video equipment, clothes washers, compact fluorescent lamps, room air conditioners, set-top boxes and cable boxes, telephony and televisions.

Contact us for more information.



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Curtis-Straus is recognized by EPA to test Lamps and Luminaries



Curtis-Straus has recently received its recognition of the LED Lighting Facts lab for the ENERGY STAR® Program as certified by A2LA.

Based in USA, Curtis-Straus supports ENERGY STAR certification and provides testing services for a wide range of electrical products- a variety of lamps and luminaries; household appliances, home electronics, and information technology goods through our global network of facilities in Asia and the Americas.

Bureau Veritas supports ENERGY STAR certification and provides testing services for a full range of electrical products through our global network of facilities in Asia and the Americas. We can test the following product categories for the ENERGY STAR Program:

- | | |
|---|---|
| <ul style="list-style-type: none"> • Audio/Video Equipment • Computers • Telephony • Water Coolers • Uninterruptible Power Supplies • Luminaires: Fluorescent (Directional) • Luminaires: Solid State (Directional) • Luminaires: Fluorescent (Non-Directional) | <ul style="list-style-type: none"> • Luminaires: Solid State (Non-Directional) • Luminaires: Fluorescent Lamps • Luminaires: Fluorescent Ballasts • Lamps: Compact Fluorescent (Directional) • Lamps: Solid State LED Lamps (Directional) • Lamps: Compact Fluorescent (Omnidirectional and Decorative) • Lamps: Solid State LED Lamps (Omnidirectional and Decorative) • LED package, module or array (IES LM-80-2008) |
|---|---|

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Bureau Veritas' LCIE supports CERTIF'2018



The CERTIF'2018 project is a joint initiative by Bureau Veritas' LCIE, UTE, FIEEC and INERIS. Its objective is to raise awareness, inform and mobilize French manufacturers and certification bodies of the issues of certification and value add it brings to companies in a globalized business context.

IECEE (CB-Scheme or OC Scheme) and IECEx (Explosive Atmosphere) systems allow for mutual recognition of certificates between actors in different member countries.

Conformity assessment, and in particular certification, is often perceived as an additional design constraint, as a trade barrier and as a purely technical activity. This perception must evolve towards an understanding of the associated strategic marketing issues and the real value-add that it represents for manufacturers, the entire distribution chain and end customers. Investing in, and using, conformity assessment systems seem to be the indispensable complement to investment in standardization.

As a leading certification body in Europe and overseas, LCIE is a member of multilateral agreements such as IECEE, IECQ, IECEx, CCA, HAR, ENEC, etc. We have also signed bilateral recognition agreements with some of its foreign counterparts and provide you with the necessary passports to conquer world markets, after checking the conformity of your products to applicable references. With our strong technical expertise, we facilitate market access for your products worldwide.

We fully support the CERTIF'2018 that has been run between November 2017 and May 2018, as a prelude to the IECEE and IECEx International Events.

- | | |
|----------------------------------|-------------------------------------|
| • CERTIF LYON – 7 November, 2017 | • CERTIF STRASBOURG – 5 April, 2018 |
| • CERTIF NANTES – 13 March, 2018 | • CERTIF PARIS – 15 May, 2018 |



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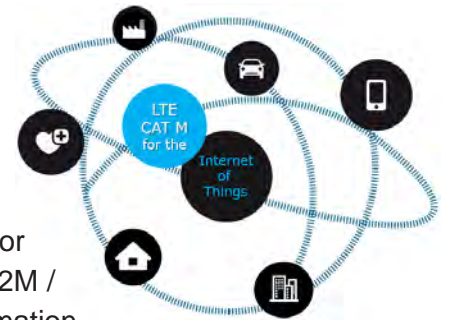
Bureau Veritas' 7layers offers LTE Category M Test and Certification



Bureau Veritas' 7layers, has been PTCRB accredited for its three laboratories located in Irvine, USA; Ratingen, Germany and Beijing, China for LTE Category M test and certification.

7layers is currently the only organization covering this important cellular Internet of Things (IoT) technology on a global basis.

LTE Category M has been adopted by many cellular operators around the world providing connectivity for IoT services. With Release 13, 3GPP has specified LTE Cat-M1, a low power wide area (LPWAN) technology in licensed spectrum for enhanced machine type communication (eMTC). The technology is used for M2M / IoT applications in areas such as smart home, smart metering, building automation, smart factory, automotive & transportation services, mobile-health applications etc.



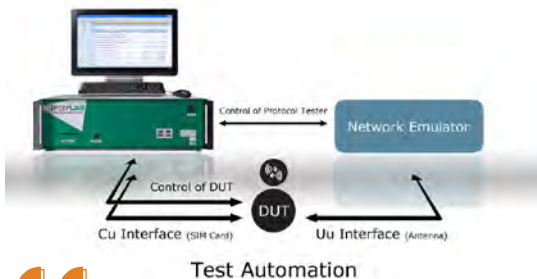
To enable the authentication of LTE Cat-M1 devices accessing mobile networks and services and to support security critical applications, the 3GPP test specifications TS 31.121 Rel-13 and TS 31.124 Rel-13 include additional USIM and USAT tests for the UICC integrated in LTE Cat-M1 devices.

Based on these specifications, both GCF (Global Certification Forum) and PTCRB have introduced new certification requirements for the qualification of LTE Cat-M1 devices in conjunction with the USIM and USAT features of the integrated UICC, such as

- GCF WI#125M
- GCF WI#137M
- GCF WI#230M
- PTCRB RFT 82
- PTCRB RFT 102



LTE Cat-M1 test package for USIM and USAT Certification is available



For a smooth and highly automated test process, we have extended its Interlab test solution DEVICE/UICC with the required certification test packages for LTE Cat-M1 USIM and USAT. The commercially available test package runs on our Interlab test solution DEVICE/UICC in conjunction with the R&S CMW500 network simulator.



To ensure interoperability between the UICC, integrated in LTE Cat-M1 devices, the radio devices themselves and the mobile networks they are using, GCF and PTCRB have developed new certification requirements. We have therefore extended our proven test solution with a further test package, especially geared to evaluate the USIM and USAT applications of LTE Cat-M1 devices. Thanks to its reliability, ease of use and cost effectiveness, the test solution is already in use on a global scale for mobile phone certification testing. With this new test package the solution will also enable the evaluation of the large number of M2M / IoT devices, heading for the global market.

- explained Magdy Ahmed, product manager of the Interlab Test Solution DEVICE/UICC at 7layers



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7layers becomes a Thread Authorized Test Laboratory



7layers has been authorized by the Thread Group to provide Thread Certification Services.



Thread is a technology designed to reliably connect and control hundreds of products around the home and beyond through a robust, IP based and secure mesh network with no single point of failure. The Thread Group is a non-profit organization focused on the development of the Thread Technology. Only Thread certified products can bear the Thread logo to show the quality, security and interoperability of connected products to consumers.

Building on its extensive wireless expertise, 7layers continues to expand its service offering to the IoT market and in particular, the Smart Home and Building Automation sector with the new Thread Certification capabilities. Thread Certification is complementary to other wireless technology certifications 7layers provides, such as Bluetooth®, LoRa, MirrorLink, Qi, Sigfox, KNX, WiFi, Zigbee, etc. and will play a key role in the rapidly emerging IoT market.

Contact us for more information.



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7layers is a Sigfox accredited supplier of Consulting, Test and Certification Services



7layers has become a Sigfox accredited supplier of consulting, test and certification services, which are part of the Sigfox Ready™ Certification Program for end-products.



sigfox

Sigfox, a leading provider of connectivity for the Internet of Things, is establishing a worldwide network with which billions of so-called “low-energy devices” can be connected to the Internet as simply as possible.

Working closely with Sigfox on the Sigfox Verified™ Certification Program for modules and reference designs, 7layers can also support manufacturers during their development phase.



For a smooth global market access of Sigfox certified devices, 7layers provides additional capabilities including:

- Pre-testing to prepare for a smooth Sigfox certification and/or regulatory approval process
- Regulatory testing and global type approval services for modules and connected devices
- Consulting services to optimize the RF performance of wireless connected devices
- Technical consulting & engineering services for IoT services providers

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7layers is authorized to provide LoRa Alliance Asia End Device Certification



Adding to our LoRa authorizations for Europe, USA and Canada, 7layers has been authorized for the LoRa Alliance Asia AS923MHz Region End Device Certification, as one of the first 3rd party independent test laboratories.



LoRa Alliance Asia AS923MHz Region End Device Certification

The new LoRa AS923 requirements are valid for products operating between 915 and 928 MHz. There are several Asian countries where ISM band spectrum is still available in between these frequencies. As a result, LoRa technology is being used more and more in Asia.

Since 2015, 7layers has been closely engaged in the development of new LPWAN device assessment methods, including this latest achievement, valid for various Asian countries. The LoRa Authorization for the Asian market was granted to 7layers by the LoRa Alliance after a successful technical audit.

7layers can now offer LoRa test & certification services for the global marketplace.



We are proud to be one the first authorized LoRa Alliance consulting, test and certification services providers to offer LoRa certification for the Asian market. Currently, device makers and IoT service providers are preparing for various markets around the world. 7layers is able to support a global approach by covering the American, European and Asian market requirements – now also for the LoRa technology.

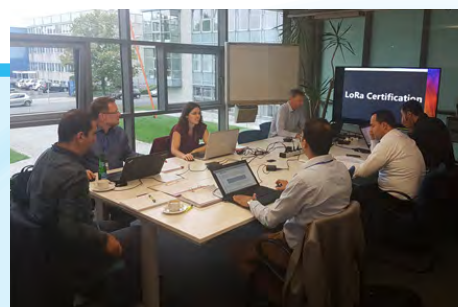


- said Thomas Jaeger, responsible for Business Development and Innovations at 7layers

7layers hosted the first LoRaWAN 1.1 Certification Workshop

7layers hosted the first LoRaWAN 1.1 Certification workshop in Ratingen, Germany in September 2017. The meeting was intended to prepare the next generation of test specifications for devices that also can support new LoRaWAN 1.1 features such as roaming. Chaired by Derek Hunt from the LoRa Alliance Certification Committee, the 2-day meeting was attended by major contributors on current and future test specifications.

7layers is a CONTRIBUTOR member of the LoRa Alliance, and is authorized to provide LoRa Alliance Certification Services.



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7layers introduces new NB-IoT USIM Test Bench

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layers has introduced a new test bench for the NB-IoT USIM, to validate conformity with 3GPP standards of IoT and/or M2M devices equipped with NB-IoT modules.

The Narrowband-Internet of Things (NB-IoT), also called LTE Cat NB1, has been optimized for machine type communication, operating in licensed spectrum. Due to its low power consumption and narrowband wide area radio characteristics, NB-IoT allows for a large range of devices and services for Internet of Things (IoT) applications to be connected in a cost-efficient and secure way.

The Global Certification Forum (GCF) has introduced a new work item - WI#266 – for the qualification of NB-IoT terminals in conjunction with their USIM and USAT features.

Due to the security and service related core functions of a UICC, included in mobile terminals, new USIM and USAT conformance tests for NB-IoT terminals are now part of the test specification 3GPP TS 31.121 Rel-13 and TS 31.124 Rel-13. Based on this new standard, Mobile Network Operators can ensure the authentication of the terminals that are accessing their networks and services. UICC cards can also support additional security capabilities and toolkits which can be used by IoT services providers to enhance the security and services of their IoT solutions.

The new 7layers' NB-IoT USIM Test Bench, in cooperation with one of the Asia' leading chipset manufacturers, can run on 7layers' InterLab Test Solution DEVICE/UICC, and in combination with the R&S CMW500 network simulator, is now commercially available.

Contact us for a quote.



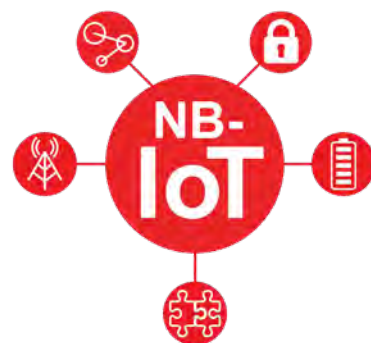
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Bureau Veritas exhibited at Mobile World Congress Americas

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ureau Veritas, together with its Wireless/Smartworld specialist businesses 7layers, SIEMIC and Curtis Straus, exhibited at the first Mobile World Congress ("MWC Americas") tradeshow held in San Francisco, California, USA in September 2017.



Representatives from all over Bureau Veritas' facilities across USA came to provide information covering wireless, EMC/RF, OTA, SAR, safety, reliability, environmental, performance and chemical testing; certification; inspection; audit & advisory services. As well as to explain the hottest topics within today's and tomorrow's smartworld - connected car certification, the new Radio Equipment Directive, LoRa compliance and Bluetooth 5 to name a few. The 7layers team also introduced Interlab EVO, the complete test management system for laboratories, manufacturers and certification organizations whilst also covering their Interlab test platforms including the globally utilized Interlab Test Solution Bluetooth® RF.

Meet Bureau Veritas on the Road in 2018

- Mobile World Congress Barcelona | 26 February – 1 March
- Embedded World 2018 | Nuremberg, Germany | 27 February – 1 March
- EMV 2018 - Düsseldorf, Germany | 20 – 22 February
- ENOVA 2018 - LYON | 7 – 8 February

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7layers in Japan is now a Registered Approval Body for Telecommunication Business Law

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layers in Japan, together with Bureau Veritas Japan Co., Ltd., have become a "Registered Approval Body" under the Japanese Telecommunication Business Law by the Minister of Internal Affairs and Communications (MIC).



The Japanese certification processes for devices with integrated wireless connectivity differ fundamentally from those in Europe and North America. Depending on the integrated technologies and the type of equipment, certification has to be in accordance to the **Radio law** AND the **Business law** or just one of them.

Since many of the technical specifications required in Japan are only available in the Japanese language, it is vital to have a Japanese partner like Bureau Veritas and 7layers to efficiently conduct the complex submission and certification processes required for Japanese market access for your wireless enhanced devices.

The 7layers group has run accredited test laboratories for wireless connected end-products and modules for many years and has expertise in providing international market access around the world.

This new Registered Approval Body for "Japanese Telecommunication Business Law" is the latest addition to our existing registration for the "Japanese Radio Law". As a trusted partner for companies that are bringing radio devices and smart IoT products into lucrative Japanese market, 7layers can guide you through the complex certification procedure and gain fast market access.

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- ▶ LoRa Alliance has started a new certification incentive promotion >> [read more](#)
- ▶ Bureau Veritas becomes the First SABS Accredited Lab in Taiwan for Three-Phased Devices EMC Testing >> [read more](#)
- ▶ Bureau Veritas' 7layers in Japan is now a Registered Approval Body for Telecommunication Business Law >> [read more](#)
- ▶ Bureau Veritas announces accreditation for its new Thailand lab >> [read more](#)
- ▶ Bureau Veritas acquires ICTK in South Korea and enters smart payment market >> [read more](#)
- ▶ Bureau Veritas acquires IPS Tokai Corporation in Japan and enhances presence in Automotive in Asia >> [read more](#)
- ▶ Bureau Veritas and EDF form Strategic Alliance >> [read more](#)
- ▶ Bureau Veritas Announces Gluten Free Testing in Buffalo Laboratory >> [read more](#)
- ▶ LoRa Certification for Asia >> [read more](#)
- ▶ LTE Cat-M1 test solution for UICC requirements >> [read more](#)
- ▶ Thread Authorization – achieved by 7layers >> [read more](#)
- ▶ Bureau Veritas opens a new Footwear laboratory in Putian, China >> [read more](#)
- ▶ Mold Analysis: Solutions beyond presence or absence of mold >> [read more](#)
- ▶ California Prop 65 Safe Harbor Assessment on Styrene >> [read more](#)
- ▶ 7layers is now Sigfox accredited for device certification >> [read more](#)
- ▶ Bureau Veritas LCIE supports CERTIF'2018 >> [read more](#)
- ▶ Bureau Veritas Supports Wi-Fi Alliance Security Update to Fix Vulnerabilities >> [read more](#)
- ▶ Bureau Veritas recognized as Good Employer in Hong Kong >> [read more](#)
- ▶ Bureau Veritas to Exhibit And Sponsor AHFA Regulatory Summit >> [read more](#)
- ▶ PTCRB accreditation for LTE Category M test and certification >> [read more](#)
- ▶ Bureau Veritas to Sponsor Sourcing Journal Summit 2017 >> [read more](#)
- ▶ Bureau Veritas Announces Latest RSM Update >> [read more](#)
- ▶ Bureau Veritas announces True AIR Certification Program to Verify VOCs in Products >> [read more](#)
- ▶ 1st LoRaWAN 1.1 Certification workshop hosted by 7layers >> [read more](#)
- ▶ Curtis-Straus Receives Expanded Certification Accreditation Scope from ANSI >> [read more](#)
- ▶ Bureau Veritas speaks at the AAFA's Product Safety and Compliance Conference 2017 >> [read more](#)
- ▶ Meet Bureau Veritas at Automotive Testing Expo 2017 in Novi, MI, October 24-26 >> [read more](#)
- ▶ Curtis-Straus Announces EPA Recognition To Test Lamps and Luminaries >> [read more](#)
- ▶ Bureau Veritas' Global Compliance Monitor - the weekly source for consumer product news, regulations, legislation and standards >> [read more](#)
- ▶ DSRC-V2X: 7layers gains status as 1st authorized test lab >> [read more](#)
- ▶ Bureau Veritas Exhibiting at Mobile World Congress Americas >> [read more](#)
- ▶ Bureau Veritas Certified for ISTA 6-Amazon.com Testing >> [read more](#)
- ▶ NB-IoT USIM Test Bench – available from 7layers >> [read more](#)
- ▶ Bureau Veritas acquires METRACEM in France, a testing specialist in electronic equipment >> [read more](#)

Bureau Veritas on the Road

[View List of Our Global Events & Seminars](#)


20.2 – 23.2.2018
Orlando, FL, USA

ICPHSO 2018 Symposium



19.2.2018
New York, USA

TIA's Toy Safety & Compliance Update @ US Toy fair



24.10 – 26.10.2017
Novi, Michigan

Automotive Testing Expo 2017



25.10.2017
Colfax, North Carolina

AHFA 2017 Regulatory Summit



23.10 – 27.10.2017
New York City, New York

Training: FIT Presents: QA Field Inspector Training For Textiles and Sewn Products



17.10 – 19.10.2017
Las Vegas, Nevada

ABC Kids Expo



17.10.2017
New York City, New York

Sourcing Journal Summit 2017



25.9.2017
San Francisco, California

Prop 65 Annual Conference



12.9 – 14.9.2017
Los Angeles, California

Mobile World Congress Americas



6.9.2017
Santa Clara, California

ST Developers Conference



7.6. – 8.6.2017
New York City, New York

AAFA Sourcing Conference



8.1 – 11.1.2018
Hong Kong

Hong Kong Toys & Games Fair



21.12.2017
Taipei, Taiwan

Seminar: Wireless Technology



15.12.2017
Taoyuan, Taiwan

Seminar: Compliance Approval of Telecommunications Terminal Equipment (TTE)



26.10 – 27.10.2017
Shanghai, China

China Electronics Fair



19.10.2017
Ho Chi Minh City, Vietnam

AAFA Product Safety and Compliance Conference

Bureau Veritas on the Road



18.10 – 20.10.2017
Shanghai, China

The 16th International Trade Fair for Toys & Preschool Educational Resources (China Toy Expo)



26.9 – 27.9.2017
Shenzhen, China

Bluetooth Asia 2017



5.9 – 7.9.2017
Hong Kong

Restaurant & Bar Hong Kong



28.6 – 1.7.2017
Shanghai, China

Mobile World Congress Shanghai



20.2 - 22.2.2018
Düsseldorf, Germany

EMV 2018



7.2 – 8.2.2018
Lyon, France

ENOVA 2018



23.1 – 25.1.2018
London, UK

The Toy Fair



28.11 – 29.11.2017
Braunschweig, Germany

The CAR 2 CAR Forum 2017



28.11 – 30.11.2017
Nuremberg, Germany

SPS IPC Drives 2017



14.11 – 15.11.2017
Düsseldorf, Germany

Medica 2017



7.11.2017
Villeurbanne, France

CERTIF LYON



29.10 – 2.11.2017
Montreal, QC, Canada

ITS World Congress 2017



20.10.2017
Paris, France

Seminar: Exchanges on Conformity Assessment FIEEC



25.9 – 26.9.2017
Prague, Czech Republic

Sigfox World IoT Expo



19.9 – 20.9.2017
Hamburg, Germany

eCall Days



14.9.2017
Ratingen, Germany

Seminar: V2X – Wireless Connectivity for Automotive

5.7 – 6.7.2017
Berlin, Germany

ConCar Expo

Forthcoming Events

[View List of Our Global Events & Seminars](#)

Date	Location	Event
27.6 – 29.6.2018	Shanghai, China	Mobile World Congress Shanghai
20.6 – 22.6.2018	Munich, Germany	Intersolar Europe
4.6 – 7.6.2018	Detroit, USA	ITS America
15.5.2018	Paris, France	CERTIF PARIS
14.5 – 17.5. 2018	Santa Clara, CA, USA	IoT World
24.4 – 25.4.2018	Washington, D.C., USA	AAFA Sourcing Conference
18.4.2018	Ho Chi Minh City, Vietnam	Lifestyle Vietnam 2018
5.4.2018	Strasbourg, France	CERTIF STRASBOURG
20.3 – 24.3.2018	Washington, D.C., USA	JPMA Baby Show
13.3.2018	Nantes, France	CERTIF NANTES
9.3 – 12.3.2018	Jakarta, Indonesia	Indonesia International Furniture Expo 2018 (IFEX)
7.3. 2018	Ho Chi Minh City, Vietnam	VIFA-EXPO 2018
27.2 – 1.3.2018	Nuremberg, Germany	embedded world 2018
26.2 – 1.3.2018	Barcelona, Spain	Mobile World Congress Barcelona



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REACH / Restricted Substances

California Proposition 65 – Important Updates



- CA Proposition 65 Q3 2017 Summary of 60 Day Notices
- Perfluorooctanoic Acid (PFOA) and Perfluorooctane Sulfonate (PFOS) added to the list of California Proposition 65 Chemicals
- New California Proposition 65 Settlements

- 15/09/2017 Public consultation on nine potential SVHC under REACH
- 19/07/2017 Turkey: New regulation to consolidate the registration, evaluation and restriction of chemicals
- 11/07/2017 REACH: New substance listed as SVHC

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Softlines & Footwear

- 18/10/2017 Mexican care labeling update
- 03/10/2017 South Korea – revision on safety standard for children textile and leather products
- 03/10/2017 South Korea – revision on safety standard for infant textile products
- 21/09/2017 FTC revises Rule for Obtaining, Updating and Canceling Registered Identification Numbers (RN)
- 22/08/2017 China product standard FZ/T 81006-2017 jeanswear technical parameters comparison to 2007 version
- 01/08/2017 Market surveillance of textile products in some regions of China from May to July 2017
- 19/07/2017 Turkey: A new control for Chromium VI and Dioctyltin (DOT) for shoe products

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Hardlines

- 07/11/2017 Rhode Island enacts upholstered bedding and furniture flame retardant restrictions
- 02/11/2017 ASTM F2417 candle fire safety standard updated
- 08/09/2017 Update regarding EPA Formaldehyde Emission Standards for composite wood products (TSCA Title VI, 40 CFR 770)
- 28/08/2017 Maine restricts flame retardants in furniture

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Toys and Juvenile Products

- 18/12/2017 CPSC publishes safety standard for children's folding chairs and stools in Federal Register
- 06/12/2017 Hong Kong proposed updates to safety standards for toys and children's products
- 30/11/2017 New York's Suffolk County has amended Toxic Free Toys Act - effective November 6, 2017
- 31/10/2017 CPSC publishes final rule on the ban of certain phthalates in toys and child care articles
- 25/10/2017 Washington State adopts amendment rule for the children's safe product act
- 10/10/2017 New York's Albany County begins enforcement of Toxic Free Toys Act on November 1, 2017
- 27/09/2017 European Commission proposed to strengthen migration limit of chromium VI in scraped-off toy materials
- 20/09/2017 EN 71-3:2013 + A2:2017 Safety of Toys – Part 3: migration of certain elements
- 18/09/2017 CPSC publishes safety standard for infant bouncer seats in federal register
- 14/09/2017 India mandates Testing Certificate for Imports of Toys
- 30/08/2017 CPSC issued final rule to exempt certain plastics from CPSIA phthalate testing
- 29/08/2017 US Toy Standard ASTM F963-17 published
- 16/08/2017 EU authorities concerned about phthalate plasticiser Di-isobutyl phthalate (DiBP) and potential non-compliance with the Toy Safety Directive
- 19/07/2017 US Law label updates
- 11/07/2017 California finalized regulation establishing children's foam-padded sleeping products as a priority product

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Electrical & Electronic Products

- 29/11/2017 Technical Update: Europe apparatus products forthcoming mandatory standards update summary
- 21/11/2017 Technical Update: Europe tools product standards update summary
- 16/11/2017 Technical Update: Europe lighting product standards update summary
- 03/10/2017 Technical Update: New version of luminaires standard IEC 60598-1:2014 +A1:2017 published
- 18/09/2017 Technical Update: EU Commission implemented Decision (EU) 2017/1357 published on 19 July 2017
- 11/09/2017 Brazil proposed revisions to Mercosur Technical Regulation on product labeling
- 11/09/2017 Technical Update: Europe lighting product standards update summary
- 08/09/2017 Technical Update: EU new Energy Label Directive framework
- 28/08/2017 EU No 2015/1188 implementing Directive 2009/125/EC of the European Parliament and of the council with regard to ecodesign requirements for local space heaters

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Health, Beauty and Household Products

- 13/11/2017 Health Canada formally proposes changes to Canadian cosmetic hotlist
- 08/11/2017 FDA finalizes aspirin labeling guidance for products with Cardiovascular imagery
- 28/07/2017 US FDA publishes consumer antiseptic wash Q&A

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Food

- 13/12/2017 FDA releases Gluten in Drug Products Draft Guidance
- 02/10/2017 US FDA formally proposes to extend food labeling Compliance Dates

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Regulatory Bulletins & Newsbytes

Analytical Update

- U.S. EPA Withdraws Final Rule on Formaldehyde Emission Standards for Composite Wood Products
- Japan Establishes an Enforcement Date of the Revised Law on the Review and Manufacture of Chemical Substances
- ECHA Calls for Evidence on Possible Restriction of Flame Retardants
- Canada Issues Significant New Activity Notice for Ethanol in Cosmetics and Toys
- Iceland Amends REACH Regulation
- California (US) Adopts Amendments to Proposition 65
- Japan Proposes Revising Enforcement Rules Regarding Chemical Substances and their Manufacture
- EU Drafts Restrictions on Maximum Concentration of O-Phenylphenol in Leave-on Cosmetic Products
- Iceland Revises Regulation on Substances that Deplete the Ozone Layer
- Liechtenstein Updates Requirements for REACH, Food, Biocides, Plant Protection Products, and etc.
- California (US) Proposes to List Paint/Varnish Strippers with Methylene Chloride as Priority Products
- European Commission Establishes Scientific Criteria for Determining Endocrine-Disrupting Properties
- Iceland Repeals Regulation on Imports of Smoke Detectors Containing Radioactive Substances
- New Hampshire (US) Drafts Labeling Bottled Water with Test Results for Presence of Certain Chemicals
- Denmark Repeals and Replaces Restrictions on the Import, Sale and Use of Biocidal Coatings
- EU Drafts Non-Renewal of Propineb for Use as Active Substance in Plant Protection Products
- Poland Issues Consolidated Text for Act Banning the Use of Asbestos-Containing Articles
- Canada requests feedback on proposed updates to the cosmetic ingredient hotlist
- New Zealand issues many notices pertaining to requirements regarding hazardous substances
- South Korea drafts amendment for enforcement regulations for the Chemical Substance Control Act
- US CPSC issues final rule prohibiting children's products containing specified phthalates
- Taiwan modifies restrictions on pathogenic microorganisms and hazardous materials in pet food
- EU amends exemption for cadmium in colour converting leds for use in display systems
- Canada establishes conditions for the manufacture or import of a specified substance
- Vietnam issues limits for formaldehyde content and aromatic amines from azo dyes in textiles
- Norway publishes amendment on regulating ozone depleting substances
- Maryland (US) adopts rules on the control of VOC emissions from consumer products
- Hong Kong prohibits certain products whose VOC content exceeds maximum permitted limits
- Liechtenstein enacts exemptions for cadmium and lead in specified products/components
- Norway revises regulation on classification, labeling and packaging of substances and mixtures
- Morocco amends list of permitted levels of contaminants, additives, and etc. in animal feed
- Connecticut (US) issues amendment on reducing VOCs in consumer products and certain coatings
- European Union drafts amendment to reach regulation to address nanoforms of substances
- Canada specifies conditions for a certain permitted chemical substance
- US EPA finalizes a significant new use rule on certain chemical substances under TSCA
- EU drafts decisions identifying trimellitic anhydride, tma and dicyclohexyl phthalate as SVHCs
- Iceland amends REACH Regulation
- Norway modifies REACH Regulation
- Mexico drafts amendment to labeling requirements for pesticides
- US extends compliance date for formaldehyde emission standards for composite wood products
- South Korea proposes amending enforcement rules for act on the control of chemical substances
- US EPA promulgates significant new use rules under TSCA for 37 chemical substances
- Taiwan seeks comments for draft rules on new and existing chemical substances registration.
- Singapore seeks comments for proposed control on short-chain chlorinated paraffins (SCCP)
- European Commission amends Montréal Protocol on substances that deplete the ozone layer
- Canada imposes conditions for manufacturing/importing of a specified substance
- India prohibits the manufacture of several persistent organic pollutant chemical substances
- Singapore seeks comments for proposal to add 18 types of HFCs to Environmental Protection Act
- ECHA launches public consultations to identify nine new substances of very high concern
- US EPA proposes amending prior proposals on emissions of certain hazardous air pollutants
- EAEU publishes requirements for use of restricted substances in electrical and electronic products
- EU amends appendices to Annex XVII to reach regulation regarding CMR substances
- US EPA proposes a correction pertaining to antimicrobial pesticides data requirements regulation
- Taiwan publishes regulation on registration requirements for new chemical substances
- Thailand drafts notification on amending list of hazardous substances
- Canada removes a substance from their non-domestic list and adds it to their domestic list
- US EPA announces retrospective electronic notification of chemical substances on TSCA inventory
- Canada restricts the manufacture and import of bisphenol dicyanate on suspicion of toxicity
- South Korea proposes revised bill regarding the safety of chemical substances and biocides
- European Commission amends cosmetics regulation in regards to use restrictions for zinc oxide
- Turkey drafts rules for extraction solvents for food production in and mycotoxins levels in food
- Singapore proposes restrictions and phase out of polychlorinated naphthalenes and trichlorfon
- South Korea establishes enforcement decree for the Chemical Substance Control Act

- Taiwan drafts guidelines pertaining to the management of regulated toxic chemical substances
- Turkey amends regulation on substances that deplete the ozone layer
- EU publishes final opinion on methoxypropylamino cyclohexenylidene ethoxyethylcyanoacetate
- Belarus amends decision regarding products containing ozone depleting substances and mixtures
- European Commission issues decisions on many active substances for use in biocidal products
- Brazil plans to ban mercury thermometers starting 2019
- Singapore launches public consultation regarding polychlorinated naphthalenes and trichlorfon
- Vietnam drafts decree providing details and guidance on provisions regarding the chemicals law
- EU lowers permitted concentration of 2-methyl-2h-isothiazol-3-one in rinse-off cosmetic products
- Norway amends regulation on registration, evaluation and authorisation of chemicals

Softlines and Footwear

- Saudi Arabia Drafts Performance Requirements for Woven Carpets Used in Masjids
- New Hampshire (US) proposes requirements for certain furniture with flame retardant chemicals
- Vietnam issues limits for formaldehyde content and aromatic amines from azo dyes in textiles
- Israel drafts revision to requirements for textile carpets
- Israel drafts revised mandatory standard for school bags
- US amends identification number request rules for wool, fur, and textile fiber products
- Brazil drafts technical regulation on labeling requirements for textile products
- Saudi Arabia drafts technical regulation for textile products
- Maine (US) establishes ban on upholstered furniture containing certain flame-retardant chemicals
- European Commission amends ecological criteria for EU ecolabel for textile products
- Vietnam drafts technical regulations specifying requirements for protective clothing and footwear

Hardlines

- U.S. CPSC Finalizes Revision to Children's Gasoline Burn Prevention Act Regulation
- South Korea Proposes an Amendment to Standards and Specifications of Utensils, Containers and Packaging
- Australia Strengthens the Safety of Automotive Maintenance Products
- China Announces New Food Contact Safety Provisions
- Bolivia Publishes Requirements on Portable Dry Chemical Fire Extinguishers
- US CPSC Proposes Developing a Regulation Regarding Clothing Storage Unit Tip Overs
- South Korea Drafts Revision of the Safety Assurance Criteria for Bicycles
- Croatia Amends and Supplements Regulation on Aerosol Dispensers
- Turkey Revokes Two Mandatory Standards Pertaining to Socket Wrenches and Tools
- South Korea Proposes Revising Safety Requirements of Two-Wheeled Electric Bicycles
- Thailand Drafts Rules for Rolling Sound Emission Adhesion on Wet Surfaces and Rolling Resistance
- Iceland Revises Regulation on Plastic Materials and Articles Intended to Come into Contact with Food
- Taiwan Issues Amendment on Heat Labeling for Plastic Food Utensils, Containers and Package
- EAEU Amends Regulation Pertaining to the Safety of Furniture Products
- India drafts requirements for packaging materials used for packaging of products
- Taiwan seeks comments for draft inspection requirements for specified types of paints
- Vietnam drafts several technical regulations pertaining to motor vehicles
- Gulf Cooperation Council drafts technical regulations for packages
- Switzerland issues safety requirements for gas appliances
- Uzbekistan establishes technical regulation on safety of apparatuses operating on gaseous fuels
- Taiwan seeks comments for draft amendment on legal inspection requirements for lighters
- San Francisco (US) bans added flame retardants in upholstered furniture and juvenile products
- Australia establishes specific requirements for sunglasses and fashion spectacles
- China drafts recycling and utilization requirements for traction battery of new energy vehicles
- Japan revises inspection methods for plywood, laminated wood, and veneer laminates
- South Korea drafts amendments on performance and standards of automobiles and auto parts
- Taiwan modifies regulation on inspection requirements for motorcycle tyres
- Norway repeals and replaces regulation on pressure equipment
- Slovenia amends regulation on aerosol dispensers
- Turkey revises requirements pertaining to measuring instruments
- California (US) enacts provisions concerning recycled content marketing claims
- Australia specifies requirements for seats and seat anchorages in new vehicle standard
- South Korea proposes to amend requirements for food utensils, containers and packages
- Gulf Cooperation Council drafts technical requirements for plastic packages in contact with food
- Rhode Island (US) enacts act regarding safety of children's products and upholstered furniture
- Gulf Cooperation Council drafts technical regulation on general requirements for food packages
- US issues final rule for federal motor vehicle safety standards on electric-powered vehicles
- Latvia modifies regulation on materials and articles intended to come into contact with food
- Norway amends regulation on materials and articles in contact with food
- Paraguay drafts travel class helmets manufacturer and importer registration requirements
- Taiwan issues requirements for water equipment, sanitary ware and other similar equipment
- Turkey revises conformity requirements for imported oil filters, air filters, and lighters

- Ecuador drafts modification to technical regulation on pens and mechanical and graphite pencils
- New York (US) proposes ban on polystyrene foam food service ware
- EU revises draft amendment on BPA in varnishes and coatings of food contact materials
- Israel replaces mandatory standard for the testing and marking of gold articles
- Lithuania amends regulation on hygiene standard for school textbooks
- European commission drafts amendment on plastic food contact materials and articles
- Colombia drafts technical regulation on labeling requirements for domestic pressure cookers
- South Korea amends requirements for automotive fluids, candles, and child protective packaging
- Taiwan requests feedback for draft amendment on fire safety appliances and equipment
- Iceland modifies regulation on inorganic fertilizers
- Colombia proposes requirements applicable to alcoholometers, ethylometers and alcohol sensors
- Vietnam drafts regulation in regards to building materials
- Finland proposes amending requirements for secure safe cabinets intended for storing firearms
- Illinois (US) approves amendment regarding metal beverage containers
- Greece establishes measures and rules for reducing the consumption of plastic carrier bags
- Turkey drafts communiqués on mandatory standards for fasteners, bolt and washer sets, and etc.
- Ukraine drafts resolution on approving technical regulations on appliances burning gaseous fuels
- Wales (United Kingdom) amends regulations on materials and articles in contact with food
- Ecuador establishes performance and safety requirements for respiratory protection equipment
- South Korea revises safety standards for automobile washer liquids
- Taiwan seeks comments for draft amendment on inspection requirements of steel wire ropes
- Belgium amends regulations on automobiles and their trailers, components and safety accessories
- Czech republic updates requirements for organic and mineral fertilizers
- Switzerland repeals and replaces data requirements for energy labels of new passenger cars
- Brazil issues lighting/signaling requirements for motorcycles, scooters, mopeds, tricycles and etc.
- Maine (US) establishes ban on upholstered furniture containing certain flame-retardant chemicals
- China drafts compulsory certification requirements for helmets for motorcyclists
- Turkey drafts communiqués on mandatory standards for ball valves, head bolts, wrenches, and etc.
- South Korea modifies safety requirements for household furniture
- Uzbekistan issues technical regulations on safety requirements for pressure equipment
- Austria publishes amendment on maximum allowable pressure and labelling of aerosol dispensers
- Chile issues regulatory requirements for the lighting of certain motor vehicles
- Peru establishes labeling requirements for lubricant products for automotive or industrial use
- Taiwan publishes regulations for erasers subject to mandatory inspection
- Chile drafts protocol establishing certification procedures for outdoor bbq grills that use lpgs
- US EPA amends final rule concerning formaldehyde emissions for composite wood products
- Australia replaces interim ban with safety standard for decorative alcohol fuelled devices
- Japan releases guidelines on the manufacture of food equipment and containers and packaging
- EU issues multiple regulations in regards to emissions from light passenger/commercial vehicles

● Toys and Juvenile Products

- Philippines House Passes Proposed Safe and Non-Hazardous Children's Products Act
- Morocco Replaces Mandatory Standard for Disposable Baby Diapers
- Canada Issues Significant New Activity Notice for Ethanol in Cosmetics and Toys
- US CPSC Finalizes Regulation Incorporating ASTM F963-17 with One Exception
- Hong Kong Proposes Updates to Safety Standards for Toys and Children's Products
- US CPSC Votes to Approve ASTM F963-17 with one Exception for Push/Pull Toys
- Egypt Issues Lists of Mandatory Standards for Various Types of Toys, Childcare Products, and etc. (see GCM for details)
- Israel Drafts New Safety Requirements for Playground Equipment and Children's Jewelry (see GCM for details)
- Canada proposes amendments on restrictions regarding magnetic toys and components of toys
- Norway amends toy safety regulation in regards to specific limit values for lead, bpa and phenol
- US CPSC issues final rule prohibiting children's products containing specified phthalates
- San Francisco (US) bans added flame retardants in upholstered furniture and juvenile products
- Australia establishes specific requirements for safety warning label on baby bath aids
- South Korea promotes customized safety measures for children
- US CPSC votes to ban phthalates in children's products
- Liechtenstein enacts legislation adopting specific limit values for certain chemicals used in toys
- Albany county, New York (US) to enforce toxic free toys act on November 1st
- Rhode Island (US) enacts act regarding safety of children's products and upholstered furniture
- Washington (US) amends children's safe products reporting rule
- Taiwan publishes regulations for strollers and carriages subject to mandatory inspection
- Bulgaria amends ordinance on the essential requirements and conformity assessment of toys
- EAEU modifies safety requirements for toys and products intended for children and adolescents
- EU revises draft proposal on coatings of food contact articles in regards to plastic sippy cups
- Israel drafts revised requirements for finger paints and restricted substances migrating from toys
- US CPSC issues a final rule on a new mandatory safety standard for infant bouncer seats

- Taiwan publishes inspection directions for children's bed guards
- US CPSC approves new federal standard for infant bouncers
- India publishes amendment on import policy regarding list of standards that toys must meet
- Taiwan establishes regulations for children's domestic bed guards subject to mandatory inspection
- European union drafts amendment on toy safety regarding chromium vi in scraped-off materials
- Ukraine drafts technical regulation on the safety of toys
- Ecuador drafts modification to technical regulation on toy safety
- US determines some plastics for children's products will not need 3rd party testing for phthalates
- Israel announces national standards for which breast pumps must conform to starting this month
- Norway repeals regulation prohibiting fire crackers, bang snaps, and similar products
- Japan Toy Association (JTA) releases guidelines for hand spinner toys
- Philippines proposes promulgating safety requirements for durable infant or toddler products
- South Korea revises safety requirements for children's furniture
- Taiwan amends regulations for toys subject to mandatory inspection
- Eurasian economic union issues transition rules for new requirements on playground equipment
- Mexico drafts safety specifications and test methods for high chairs

Electrical & Electronic Products

- South Africa Declares Intention to Amend Compulsory Specification for Circuit-Breakers
- Israel Replaces Mandatory Standards Pertaining to Lighting, Ice Makers, and Low-Voltage Circuits (see GCM for details)
- Australia Proposes Amending Arrangements for a Number of Short Range Low Power Devices
- Taiwan Seeks Comments for Draft Amendment on Requirements for Automotive Audio/Video Devices
- Israel Replaces Mandatory Standard for Domestic Plugs/Socket Outlets for Single Phase up to 16A
- South Korea Drafts Revision to Conformity Assessment Rules for Certain Communications Equipment
- EU Amends Use Restrictions of Certain Hazardous Substances in Electrical and Electronic Equipment
- Russia Repeals and Replaces Requirements for Lighting Devices and Lamps Used in AC Circuits
- South Korea drafts amendment to technical regulation on lithium secondary safety
- South Korea revises requirements for lithium batteries and fluorescent and led lighting
- EU amends exemption for cadmium in colour converting leds for use in display systems
- India issues mandatory registration requirements for solar photovoltaics, systems, devices and etc.
- Thailand drafts mandatory standard on safety requirements for portable power banks
- Taiwan seeks comments for draft amendment regarding electrical appliances and electronic goods
- Ecuador drafts addendum to modification of regulation on cold production household appliances
- Mexico enacts requirements for controllers for artificial light sources for general lighting
- Japan seeks comments for draft amendment pertaining to technical standards for electrical goods
- Australia revokes and replaces certain radio communications requirements regarding interference
- Japan issues registration requirements based on Electrical Appliance and Materials Safety Act
- South Korea drafts enforcement regulations regarding safety requirements for electric bicycles
- Norway repeals and replaces regulation on electrical equipment with two new regulations
- Taiwan publishes inspection requirements for electrical and electrical assisted bicycle products
- Mexico drafts power consumption limits, test methods and labeling for refrigerators and freezers
- Malaysia drafts technical codes regarding digital terrestrial television and long term evolution
- South Korea drafts amendment to technical regulation on electromagnetic compatibility
- Taiwan revises energy conservation labeling requirements for hot and warm water dispensers
- Japan revises ministerial ordinance on technical standards for terminal equipment
- Colombia drafts technical regulation on requirements for zinc-carbon and alkaline batteries
- Ecuador drafts revision to technical regulation on cold production household appliances
- Ecuador drafts amendment on minimum requirements for electric and non-electric shaving devices
- India adds products to requirements for compulsory registration of information technology goods
- Taiwan amends inspection requirements for many electrical appliances subject to legal inspection
- Israel drafts new and revised mandatory standards for various types of electrical products
- Indonesia drafts mandatory requirements for audio, video and similar electronic apparatuses
- Taiwan publishes legal inspection requirements for many electrical products and appliances
- Israel drafts requirements for floodlights, lamps, plugs, and socket outlets
- South Africa drafts compulsory specifications for certain electrical and electronic apparatuses
- China drafts requirements for mandatory certification of household equipment and similar products
- Indonesia drafts obligatory SNI requirements for audio, video and similar electronic apparatuses
- Taiwan seeks comments for draft revision on inspection requirements for specified audio products
- Chile drafts certification procedures for portable lighting for general use
- US DOE issues final rule detailing standards pertaining to certain classes of refrigeration systems
- Kuwait announces ban on the import and manufacture of incandescent bulbs

Wireless/Smartworld

- Vietnam releases technical regulation on electromagnetic compatibility for fixed radio transmission and auxiliary equipment
- Japan amends radio equipment regulations

- Mexico drafts specifications imei requirements for fm receivers of the mobile terminal equipment
- Paraguay amends requirements for product labeling of telecommunication equipment and devices
- Taiwan amends regulations on radio-frequency devices subject to control
- Oman amends requirements for registration and use of radio frequencies and equipment and etc.
- Bahrain amends certain provisions of the telecommunications law
- Japan revises regulations concerning radio equipment and technical conformity certification
- Japan determines allowable values for occupied frequency bandwidth of radio equipment
- Australia amends various legislation in regards to radio communications
- EU issues amendment and repeals existing decision on radio spectrum use for certain devices
- Ecuador establishes requirements for the approval/certification of telecommunications equipment
- EU amends permitted use of the radio spectrum for equipment using ultra-wideband technology
- Japan requests feedback on draft ordinance modifying regulations for radio equipment
- Eurasian economic union amends regulations on radio equipment and high-frequency devices
- EU specifies labeling for packaging of radio equipment subject to service/authorisation restrictions
- Mexico drafts requirements and specifications for certain types of mobile terminal equipment

Sustainability

- Taiwan publishes technical specifications for smart and high energy efficiency lighting
- Australia updates their greenhouse and energy minimum standards for double-capped and self-ballasted compact fluorescent lamps (see GCM for details)
- Hong Kong adds to list of products subject to energy efficiency product labelling ordinance
- Argentina issues deadlines for implementing new energy efficiency labels for washing machines 17 November 2017
- US proposes amending energy labeling rule regarding air conditioners, pool heaters, and etc.
- Norway revises regulations on energy labelling and ecodesign of energy related products
- Mexico establishes minimum energy efficiency requirements for external power supplies
- Brazil drafts eco-labeling rules for refrigerators, freezers, air conditioners, and electric converters
- California (us) proposes amending energy efficiency requirements for computers and led lamps
- Australia proposes changes to energy efficiency regulations for air conditioners and heat pumps
- Taiwan publishes technical specification for smart meters and home energy management system
- Saudi Arabia drafts performance and energy labelling requirements for refrigerators and freezers
- Ukraine drafts technical regulations on ecodesign requirements for various electrical products
- India establishes labeling and energy efficiency requirements for air conditioners
- US adopts test procedure for measuring the Weighted Energy Factor (WEF) for certain pool pumps
- European Commission repeals and replaces energy labelling directive
- Mexico establishes requirements for energy efficiency and user safety for room air conditioners
- Hong Kong publishes regulation regarding eco-responsibility of regulated electrical equipment

Food

- Gulf cooperation council drafts technical regulations regarding declarations on food labels (see gcm for details)
- Morocco issues requirements for the quality and safety of honey
- India proposes amendment for food safety and standards
- Taiwan seeks comments on proposed sanitation standards for contaminants and toxins in food
- Vietnam requests feedback on draft amendment pertaining to food safety
- Taiwan modifies act governing food safety and sanitation
- Switzerland amends requirements for the use of the terms "mountain" and "alpine" on foodstuffs
- EAEU issues transitional rules for technical regulation on the safety of packaged drinking water
- Singapore drafts amendments to regulations in regards to infant formula labeling
- Taiwan seeks comments for draft amendment on prepackaged labeling and exemptions
- France issues provisions pertaining to determining nutritional scores for food and beverages
- Turkey repeals and replaces Turkish codex requirements for cocoa and chocolate products
- Taiwan amends requirements for specifications, limitations, and etc. For food additives
- Argentina drafts allergen labeling requirements for packaged food products
- Australia proposes amending Imported Food Control Act with regards to country of origin
- India drafts regulations for food safety and standards on organic food labelling and certification
- South Korea drafts amendments on labelling standards for foods and sodium content
- Taiwan seeks comments for drafts regulations on labeling prepackaged soy sauce products
- Poland amends requirements for jams, preserves, jellies, marmalade, plum sauce and etc.
- Turkey drafts Turkish food codex communique on energy drinks
- Dominican republic drafts food health regulations
- European Commission supplements requirements for total diet replacement for weight control
- GCC seeks comments for draft requirements for food additives and microbiological criteria
- Italy issues requirements for information provided on packaged foodstuffs for consumers
- Norway amends regulation on nutrition and health claims made on foods
- Turkey drafts regulations on the Turkish Food Codex in regards to substances added to foodstuffs
- US proposes revising nutrition and supplement facts labels and serving sizes of foods, and etc.
- Lebanon prohibits use of specified food coloring additives in the manufacture of pickles

- Colorado (US) publishes rules for pet food under the colorado feed law
- Singapore requests feedback for proposed amendments regarding ready-to-eat foods
- South Korea proposes partial revision of enforcement regulations for the food
- India amends food safety and standards with regards to flavoured water and herbal water
- Turkey modifies communiqué on Turkish Food Codex supplementary foods
- Scotland (United Kingdom) amends bottled drinking water regulations
- EAEU issues technical regulation on packaged drinking water which includes mineral water
- Taiwan seeks comments for draft regulations on labeling requirements for health foods
- Iceland revises regulation on maximum levels for pesticide residues in food and feed
- China drafts regulations regarding the implementation of the food safety law
- Singapore seeks feedback on proposed revision on standards for ready to eat food
- Canada proposes allowing tamarind gum as an emulsifying/gelling/stabilizing/thickening agent
- Australia amends country of origin food labelling information standard
- Norway amends the regulation on feed additives for use in animal nutrition
- Chile establishes nutrition content requirements for food labeling regarding nutrition claims
- Uzbekistan issues regulation on safety requirements with regards to food product labeling
- Norway repeals and replaces regulation on novel foods
- South Korea drafts revisions on requirements regarding the safety of imported food
- Taiwan amends enforcement regulations for the food safety and sanitation act

Health, Beauty and Household Products

- Taiwan prohibits cosmetics containing safrole and other ingredients
- New Zealand approves regulations banning microbeads
- EU restricts hydrolyzed wheat proteins & peanut oil, extracts, & derivatives in cosmetics
- South Korea drafts enactment of standards and specifications for cleansing and hygiene products
- Morocco establishes quality and safety requirements for prepackaged dates and date pastes
- Serbia issues new law on medical devices
- Ontario (Canada) proposes banning single-use beverage pods unless they are fully compostable
- European commission drafts amendment on protein requirements for infant and follow-on formula
- Gibraltar prohibits import of rinse-off cosmetic or personal care products containing microbeads
- Oman prohibits black henna products containing para-phenylenediamine (PPD) for use on skin
- India publishes amendment to the drugs and cosmetics rules
- Singapore seeks comments on draft amendments on labelling and advertising for infant formula
- South Africa establishes how certain oral preparations are subject to registration requirements
- Malaysia declares non-corrective contact lens as medical devices
- India establishes requirements for medical devices and in vitro diagnostic medical devices
- Japan revises enforcement regulations for law on household products containing harmful substances
- South Korea requests feedback on draft revision of cosmetics law
- Norway updates regulation on cosmetics and body care products
- South Africa withdraws and replaces compulsory specification for disinfectants and detergents
- California (US) enacts requirements for the disclose of chemical information on product labels
- Norway modifies regulations on supplements and vitamins, minerals and etc. Added to foodstuffs
- Australia authorises supply of specified kinds of medical devices under therapeutic goods rules
- Japan revises enforcement regulations for law on pharmaceuticals, medical devices, etc.
- Taiwan seeks comments for draft amendment on warnings for hair dyes on labels, inserts, and etc.
- Iceland modifies regulation on cosmetics
- Japan amends enforcement regulations for the law on pharmaceuticals, medical devices, and etc.
- Taiwan seeks comments on proposed restrictions on barium and cadmium in cosmetics
- Vietnam drafts lists of prohibited or restricted active insecticides and disinfectants
- Ecuador drafts amendment on minimum requirements for electric and non-electric shaving devices
- Australia publishes specification on therapeutic goods information in regards to medical devices
- Philippines drafts new rules and regulations regarding the registration of household pesticides
- Russia drafts amendment on banning phosphoric compounds in detergents and water softeners
- Australia issues clarification on articles that are not medical devices under therapeutic goods act
- Philippines drafts order on standards of specific food products to be sold in the local market
- South Korea drafts amendments on manufacturing specifications for quasi-drugs
- Taiwan revises regulations on assessment and approval process of hazardous medical devices
- Belgium amends requirements for in-vitro diagnostic medical devices
- EU decides products relying on pack in Cranberry to prevent/treat cystitis are not medical devices
- South Korea establishes enforcement rules for cosmetic act
- Taiwan issues restrictions on personal care and cosmetics products containing plastic microbeads
- EU adds 3 prohibited substances and deletes 1 restricted substance from cosmetics regulation
- England (United Kingdom) drafts ban on use of microbeads in rinse-off personal care products
- EU renews approvals for many active substances for use in biocidal products of product-type 14
- Taiwan updates regulations for governing the management of medical devices
- Brazil proposes requiring warnings on packaging of food and cosmetics that contain carcinogens
- Australia replaces existing requirements for permissible ingredients for therapeutic goods
- Norway revises the regulation on cosmetics and body care products

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Global News Update

August 2018



4 a Year of Firsts...

- The world's **First** connected car V2X certified device was tested by Bureau Veritas
- We became the **First** IAC certified Microbiology Testing Laboratory in South Asia
- Mexico's Instituto Federal de Telecomunicaciones (IFT) recognized Bureau Veritas as the **First** third-party testing laboratory in USA to assess telecommunications equipment conformity
- We assisted the **First** OTTC certification in China for an ERA-GLONASS equipped vehicle

Welcome to the new format
of our **Global News Update**.
Read on for the details.

201

9 Capabilities

New capabilities featured include **Microbiology** Testing in Sri Lanka, **V2X** Certification for connected cars, Amazon Packaging Support and Supplier Network (**APASS**) Testing and **OTTC** Certification for ERA-GLONASS equipped vehicles or systems. We launched our **Energy Efficiency Verification** Mark for electrical and electronics equipment and added **Automotive Asbestos** Testing in China, **Photometric** Testing in USA and **CBRS** Testing for Citizens Broadband Radio Service Equipment in Taiwan. We also expanded our disposable wipe **Flushability** Testing in USA.

2 Efficiency Through Digitalization



We additionally announced a new collaboration with Oritain to provide their scientific traceability services, as part of our **BV Origin** Traceability Solution, a blockchain system enabling the full lifecycle of a product to be digitally replicated and shared among the different players.

Our digital transformation also continues apace with a major overhaul of our Online Supply Chain Quality Management tool, **OneSource Suite** including a new naming convention, clear mapping of modules across the value / supply chain, a common user interface and new markets added to our regulations module.

6 Recognitions

Numerous recognitions have been attained in 2018 including **ENEC/ENEC+ Approval** in China, excellence awards from **VISA / PTCRB** and our approval from **IFT** in Mexico. Additionally, our testing lab in Indonesia was accredited by the Ministry of Communication and Informatics (**KOMINFO**), we were qualified as a **Wi-Fi Certified Miracast™ Release 2** Testing and Certification Provider whilst **New Zealand Telecom** accredited our Taiwan lab to test against PTC 200 standards.



Bureau Veritas Group



FOCUSED ON OUR CLIENTS, DRIVEN BY SOCIETY

Our ID

Our mission is to reduce risk, improve our clients' performance and help them innovate to meet society's challenges with confidence.



€4.69 bn
in revenue (2017)

Our Manifesto

Bureau Veritas is a "Business to Business to Society" company, contributing to transforming the world we live in. Driven by society, we are working even more closely with our clients, addressing today's crucial challenges and answering society's aspirations.



~75,000
employees



400,000
clients

Our Strategy

We built our strategy around five pillars to capitalize on our strengths and further transform the Group in order to seize opportunities on fast-growing markets. It is designed to enhance Bureau Veritas' growth profile, resilience and profitability.



1,400+
offices and laboratories
in 140 countries

10th Anniversary of World Environment Day Celebrations

**BEAT
PLASTIC
POLLUTION**



**WORLD
ENVIRONMENT
DAY**

This year marked our 10th anniversary of celebrating the WED throughout our worldwide locations, demonstrating Bureau Veritas' continuous and collective support to a cleaner planet.

Plastic itself cannot biodegrade, and plastic made products such as bottles, cups, straws and utensils are often used once and thrown away, polluting our land and oceans, damaging marine life and threatening human health.

Numerous activities echoing to the theme of the year – **“Beat Plastic Pollution”** were conducted amongst our locations. Through these activities, our employees and families were encouraged to explore sustainable alternatives to reduce the production and excessive use of single-use plastics in our daily lives.

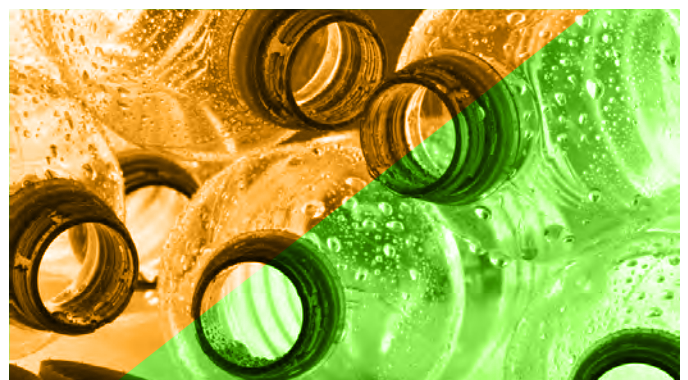
“3Rs in the Workplace” – Practiced **“Reduce, Reuse, and Recycle”** approach at work continually helps decrease environmental impacts from our business activities. Designated recycle bins are provided in the facility for plastic (boxes, bottles and bags), papers and metals (aluminum cans) waste. Our

waste generation is measured and analyzed against our carbon footprint objective while the waste collected will be sending to local recycling company for further processing. Furthermore, with an aim of reduction, purchase of single-use plastics in our laboratories is given a consideration.

“Do it for a Cleaner Planet” – Conducted various employee clean-up activities to remove littered plastic bottles and other waste disposal by the visitors. Clean-up locations include national parks, forests, beaches, coastlines as well as public areas and driveways in our communities and workplace.

“Less Plastic Footprint Everyday” – Focused on daily practices including refusal of plastic convenience – single-use straws, utensils and disposable boxes from takeaways; elimination of plastic drinking bottles and PVC / Polythene shopping bags; practiced 3Rs at work and home, etc.

Concurrently, bring-your-own-cup and utensils to work, strawless for drinks, use of eco-friendly and reusable shopping bags, elimination of plastic packaging, etc. are widely adopted in our daily life.



260+ WED Photos & Activities

World's First V2X certified device for Automotive is tested by Bureau Veritas



We are proud to be the first OmniAir Authorized Test Laboratory (OATL) supporting the world's first certified Vehicle-to-Everything (V2X)

device. As the first OATL in the world, we are ready to assist the connected vehicle market in addressing wireless conformance and interoperability of V2X devices.

Our Connected Car team has worked very closely with OmniAir as well as Commsignia and the test equipment partners in recent months in support of this major achievement. This program is instrumental in making our roads safer, and vehicle transportation more efficient and environmentally friendly.

Bureau Veritas' 7layers is a leading testing and certification partner for companies seeking to meet Dedicated Short Range Communications (DSRC) and Cellular V2X standards worldwide. Alongside OmniAir and Danlaw, we are selected in 2015 to develop the Connected Vehicle Next Stage Certification Environment, initiated by the USDOT.

V2X communication is the passing of information from a vehicle to any entity (vehicle, pedestrian, infrastructure, device, and grid) that may affect the vehicle, and vice versa with its main motivations



being significant improvement in safety, congestion and energy savings. The wireless technology behind the certified V2X device was DSRC, a vehicular communication system based on WLAN technology.

OmniAir Certification verifies that wireless enabled transportation products meet connectivity and interoperability testing requirements developed from IEEE and SAE communication standards for the V2X technology. A vital step in widespread V2X implementation, certification allows device manufacturers to obtain long-lasting security and trust credentials. Securing certified or trusted communications devices is the key to seeing national deployment of these life-saving devices and will help ensure that users can trust that the components will work within the system.



First IAC certified Microbiology Testing Laboratory in South Asia



Our Sri Lanka laboratory in Katubedda has been certified by International Antimicrobial Council (IAC) to provide testing on the performance of antimicrobials on treated products. Becoming a certified IAC testing laboratory recognizes our new capabilities in evaluating the antimicrobial activity of a broad range of treated products. This adds to existing recognitions at the Sri Lanka laboratory including ISO 17025, ISO 14001 and OHSAS 18001 as well as Sri Lanka Accreditation Board for Conformity Assessment (SLAB), National Accreditation Board for Testing and Calibration Laboratories (NABL) and US GCB LEED Platinum.

The IAC Antimicrobial Proficiency Program provides consistent application of existing standards and utilizes modified testing standards and protocols established by AATCC, ASTM, ISO and JIS. The new IAC recognition combines Bureau Veritas' Softlines and Microbiology testing facility under one roof, allowing a quick and accurate measure of the performance of antimicrobials on treated products using a variety of international test standards. An IAC Verified logo and unique identification number is assigned on a test report issued by our laboratory, attesting full compliance with required international standards and regulations have been met.



Having served the Sri Lanka manufacturers and exporters for 23 years, the integrated Softlines and Microbiology testing capabilities under one roof enable us to further support our clients in an even more timely and effective manner.

ASTM E2149 – 13a	Standard Test Method for Determining the Antimicrobial Activity of Antimicrobial Agents under Dynamic Contact Conditions
AATCC TM100-2012	Antibacterial Finishes on Textile Materials
ISO 20743:2013	Textiles – Determination of antibacterial activity of textile products
AATCC TM147-2016	Antibacterial Activity Assessment of Textile Materials: Parallel Streak Method
JISL 1902:2015	Textiles – Determination of antibacterial activity and efficacy of textile products

4 Laboratories in China Approved as ENEC/ENEC+ Testing Laboratory



Our laboratories in China covering Cixi, Guangzhou, Shanghai and Shenzhen have been approved by European Norms Electrical Certification (ENEC) to issue ENEC and ENEC+ certification for Electronics and Electrical products.

These 4 laboratories are approved for following categories:

- Household Appliance
- Lighting
- Safety Transformers and Similar Equipment
- I.T. and Office Equipment
- Electronics and Entertainment Equipment
- Switches for Appliances and Automatic Controls
- Installation Accessories and Connection Devices
- Portable Tools

The ENEC/ENEC+ marks are symbols of safety across all European countries instead of individual countries, and all signatories of the scheme actively support its commitment to the highest safety levels. The ENEC/ENEC+ Mark is a powerful tool to verify the safety of products



entering the market demonstrating safety and quality control.

To apply for ENEC/ENEC+ Mark, it requires an annual factory audit, product testing as well as certification.

Our Cixi, Guangzhou, Shanghai and Shenzhen laboratories are now accredited. Therefore, we can provide a one-stop total solution to clients in mainland China looking to leverage the ENEC/ENEC+ mark and gain faster access into European market.



Chinese First OTTC for ERA-GLONASS Equipped Vehicle is certified via Bureau Veritas VEO Solution



We are delighted to be a pioneer homologation service provider in assisting the first OTTC certification in China for an ERA-GLONASS enabled vehicle.

Bureau Veritas VEO has successfully facilitated the first OTTC Certificate issuance in China for an ERA-GLONASS enabled vehicle with its localized solution in China, providing fast access to Russian Vehicle Type Certification.

OTTC is the certificate to vehicles exported to Eurasian Economic Commission (EEC) member states. ERA-GLONASS, an automatic emergency call system, provides rapid assistance via emergency cellular service and reduces casualties in the event of an accident.

ERA-GLONASS certification is compulsory and is now an integral part of OTTC which requires In Vehicle Systems (IVS) within the EEC member states to be equipped with ERA-GLONASS. As an intelligent telematics-based system, deployment of ERA-GLONASS is also an impetus to the Connected Vehicle.



By leveraging an exclusive cooperation with the Academ-CERT of Belarus and its partner laboratories in China, Bureau Veritas VEO leads as the only accredited channel for

localized testing solution in China. OEMs and manufacturers of systems integrating ERA-GLONASS technology in China can take advantage of applying OTTC certification through Bureau Veritas VEO' localized testing and certification solution. This certification is well accepted across the EEC member states including Russia, Belarus, Kazakhstan, Armenia and Kyrgyzstan.

It is also notable that Chinese automotive OEMs and manufacturers of ERA-GLONASS technology are encountering challenges such as language barrier, long process as well as complexity of OTTC requirements. Our localized solution can support our clients in the Chinese automotive supply chain to streamline the whole OTTC process at ease, resulting in increased carefree efficiency, higher cost effectiveness and faster time to market. By utilizing our localized testing and certification solution, it is certainly a business breakthrough for Chinese OEMs and manufacturers of ERA-GLONASS technology who wish to access the EEC member states with a faster turnaround time.



Official Participant in the Amazon Packaging Support and Supplier Network (APASS)

We are now an official participant in the Amazon Packaging Support and Supplier Network (APASS).



The APASS program was designed by Amazon to help support vendors, sellers and manufacturers to obtain certification of their products as Frustration Free Packaging (FFP), Ships-in-Own-Container (SIOC) or Prep-Free Packaging (PFP).

Four laboratories in the US, Vietnam and China are approved to provide APASS services directly to vendors, sellers or manufacturers related to package testing in compliance with Amazon's certification test methods.

Furthermore, we are an active member of International Safe Transit Association (ISTA) and its Technical Council. We offer ISTA Ships-in-Own-Container (SIOC) and Over Boxing / Prep-Free Packaging (PFP) testing as part of our Package Testing services as the best means to evaluate the performance of packaging in order to reduce damages and returns and strengthen customer satisfaction.

ISTA is a leader in specifications for the testing of packaged products and certification of qualified laboratories worldwide.



Package Testing for product integrity and performance is done by Bureau Veritas' certified packaging laboratory professionals to a wide variety of ISTA performance testing procedures.

With our global network of ISTA certified laboratories and Certified Packaging Laboratory Professionals at each location, we can meet all package testing needs and provide experienced and knowledgeable assistance.



Partnership with Oritain to enhance BV Origin Traceability Solution



We have announced a new collaboration with Oritain to provide their scientific traceability services, as part of our BV Origin Traceability Solution.

Oritain is a world-leader in using forensic science to test and trace a product's intrinsic properties to verify its origin and ensure trust in global supply chains. It uses forensic science to create a unique geo-chemical fingerprint specific to the product's point of origin that cannot be copied or tampered with, ensuring the highest level of security to global supply chains.



We bring increased global scale and reach to Oritain scientific traceability thanks to our leadership position within the retail & consumer goods marketplace, whilst Oritain's expertise and experience in origin verification provide a new tool for Bureau Veritas to add to our comprehensive product offerings.

Through the collaboration with Oritain, we can now provide our clients with scientific traceability testing that allows them to have full view of their entire supply chain and be able to answer those questions expeditiously, achieving greater confidence in product origins and supply chains globally.

As part of Bureau Veritas' traceability solution, clients can also access to the following services:

- Factory / Facility Audits:** Audits of the production capability and performance of a factory against Bureau Veritas' Material Traceability Facility Assessment methodology. A corrective action plan is set up to help facilities who do not achieve an acceptable score within the Material Traceability Audit.
- Production Verification:** Periodic unannounced visits to manufacturing sites during scheduled productions to verify that quantities of materials, work in process, and finished goods are supported by adequate traceability records, with Oritain's scientific traceability now included to underpin verification where appropriate.
- Information Management:** We utilize our industry leading BV OneSource™ web-based supply chain quality management platform to manage test reports, audit reports, and corrective action plans. In addition, the recently announced BV Origin (<http://www.origin.bureauveritas.com/>) block chain solution provides the capability of complete consumer facing traceability built on the foundation of Bureau Veritas audit and verification services as well as Oritain scientific traceability.

Grand Opening of Photometric Lab

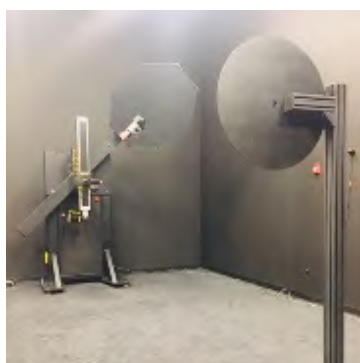
Photometric testing is the science of measuring visible light output of a lamp, luminaire and light sources. It quantifies and characterizes its total light output, luminous intensity distribution, color coordinates, color quality, rated life and efficacy to meet strict energy efficiency criteria.

Bureau Veritas' Curtis-Straus in USA has opened a new photometric laboratory in their state-of-the-art facility in Littleton, Massachusetts. This new laboratory expands Curtis-Straus' capabilities to provide photometric measurement services for luminaires, lamps, and LED lamps.

Curtis-Straus is A2LA and ENERGY STAR accredited. Photometric testing is required for products to be listed and certified under the ENERGY STAR Lamps or Luminaires program by the US Department of Energy. An ENERGY STAR

listed product means that the product uses less energy and is more energy efficient using strict energy efficiency criteria set by the US Environmental Protection Agency or the US DOE.

- Luminaires: Fluorescent (Directional)
- Luminaires: Solid State (Directional)
- Luminaires: Fluorescent (Non-Directional)
- Luminaires: Solid State (Non-Directional)
- Luminaires: Fluorescent Lamps
- Luminaires: Fluorescent Ballasts
- Lamps: Compact Fluorescent (Directional)
- Lamps: Solid State LED Lamps (Directional)
- Lamps: Compact Fluorescent (Omnidirectional and Decorative)
- Lamps: Solid State LED Lamps (Omnidirectional and Decorative)
- LED package, module or array (IES LM-80-2008)



Additionally, Curtis-Straus is a LED Lighting Facts approved laboratory, with Design Lights Consortium (DLC) testing capabilities. Most utility companies in North America require commercial lighting fixtures be DLC listed in order to qualify for rebates.

Equipped with a team of knowledgeable staff and advanced equipment, we can help lighting manufacturers meet the energy efficiency requirements for the global market.

Shanghai Automotive Hub expanded with Asbestos Testing Services

Understandably, major automotive markets such as China, USA, Japan, and Europe have stringent regulations on the use of asbestos in the automotive sector with an increasing number of OEMs looking to eradicate it within their vehicles.

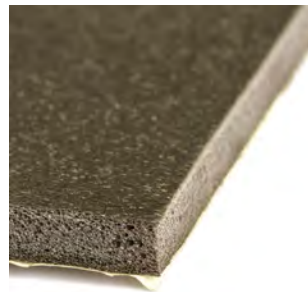
We have continued the expansion of our Shanghai Hub with the latest addition of asbestos testing. We can now test for the determination of asbestos in automotive products against US, Japan and China standards as well as a variety of OEM standards for Chinese OEMs and suppliers.

Partnering global OEMs and Tier 1 and Tier 2 clients in the automotive industry for over 10 years in China, our Shanghai Automotive Hub is well positioned to support your testing and certification needs in relation to quality (reliability, performance, functional and material); safety; environmental (chemical and VOCs); connectivity and cybersecurity testing, certification and homologation.



Asbestos has been used in many automotive products such as brake pads, exhaust pipes, head gaskets and sound / thermal insulation materials due to its unique properties of sound absorption, tensile strength as well as resistance to fire, heat and electricity.

- GB/T23263-2009 of China
- NIOSH_9000 Ray Diffraction Method
- Niosh_7402 Transmission Electron Microscopy Method
- JIS A1481
- EPA/600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials
- X-ray Diffraction and Phase Contrast Microscopy (2008)
- ISO 14966:2002 Scanning Electron Microscopy
- ISO/DIS 22262-1 Air quality - Bulk Materials - part 1



OneSource Suite Upgrade

OneSource – The Industry Leading Online Supply Chain Quality Management Platform

Our Online Supply Chain Quality Management tool, **OneSource Suite**, has been significantly upgraded with a new naming convention, clear mapping of modules across the value and supply chain and a common user interface across 6 powerful modules.



Regulations

Stay ahead of changing regulations impacting your consumer products in markets worldwide with our online database of regulations and standards.



Requirements

Stay in control of your own brand quality and compliance requirements for all your target markets.



Booking

Reduce risk of data error and set-up online booking / request portal for your inspections, audits and tests.



Orders

Total supply chain performance visibility, 24/7. Track orders. Check quality performance management. Authorize shipments.



Environment

Supply Chain Environment Risk Management Tool. Emission risk index by supplier. Substitute and eradicate hazardous chemicals.



Integration

Upload all test and inspection / audit results from all stakeholders into OneSource for total supply chain transparency.



Suppliers or trading companies

use OneSource Orders to keep track of all their testing, inspection and audit performance and activity for all factories and across all their buyers or clients. OneSource Regulations keeps suppliers informed of changing regulations in their key markets whilst OneSource Requirements enables suppliers to stay informed of all their customers' testing and compliance requirements. The usage of OneSource Environment by apparel mills and factories displays the suppliers' environmental commitment to their clients' zero discharge compliance and risk management needs.



Retailers and Brands

use Bureau Veritas' OneSource Suite to manage and optimize their supply chain brand, quality and risk management throughout the value chain:

- Keeping up-to-date with regulatory requirements and aligning their compliance / test requirements with their supply chains via OneSource Regulations and Requirements;
- Driving quality of data and speed efficiencies via OneSource Booking;
- Leveraging country, product and supplier benchmarking data to drive supply chain performance speed and quality improvements via OneSource Orders;
- Ensuring OneSource is the sole repository for quality management by integrating other third party reports and results into OneSource Orders via OneSource Integration; and
- Increasing transparency in understanding and reducing discharge of hazardous chemicals via OneSource Environment.



Latest Addition to OneSource Regulations

Our **OneSource Regulations** database (formerly Regulations and Standards Management; RSM) has expanded its content to now include 19 new countries for all the 75 product categories in the database.



The addition of 19 new countries consists of:

- Algeria
- Angola
- Armenia
- Azerbaijan
- Belarus
- Brunei
- Costa Rica
- Gibraltar
- Guernsey
- Honduras
- Jersey
- Jordan
- Kazakhstan
- Mongolia
- Serbia
- Sri Lanka
- Tunisia
- Ukraine
- Uzbekistan

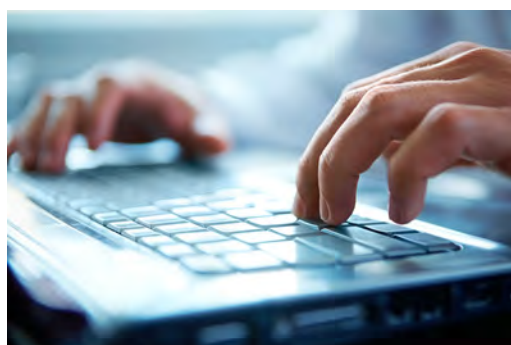


Launched in 2012, the Regulations application answers client demands for timely, easy to access, relevant information on changes to mandatory technical and regulatory requirements worldwide.

Regulations is a powerful database containing regulations and mandatory standards for 100+ countries / regions and a variety of consumer products. The product categories include, but is not limited to, toys, apparel, footwear, jewelry, juvenile products and food contact articles.

Information is continually updated and access is customized based on the countries and product categories you need. Powerful searching mechanisms allow you to further analyze the requirements that exist in the system.

Live demonstration of the Regulations database is available on request as well as a free 15-day trial for existing clients.



WinnForum CBRS Approved Lab & CBRS Alliance Authorized Test Lab



Bureau Veritas has completed all strict requirements successfully to become the accredited laboratory performing the WinnForum and CBRS Alliance testing.

We are one of the first wave laboratories to receive this qualification.

Equipment manufacturers need to prove their Citizens Broadband radio Service Equipment (CBSE) can communicate with the Spectrum Access System (SAS) and follow FCC Part 96 standard, allowing the equipment to operate without any limitations.



We can fully support equipment manufacturers to reduce the risk for their equipment certified in the first wave to fast access to North America market. Backed by our recognition and domain knowledge, we have covered all core technologies to support our customers to gain fast market access and reduce their operating costs.

Qualified Wi-Fi CERTIFIED Miracast™ Release 2 Testing and Certification Provider



Wi-Fi Alliance® announced its Miracast™ Release 2 (R2) on January 31, 2018. Miracast™ is a standard for wireless connections from devices to displays, a wireless multimedia streaming technology introduced in 2012.

With the qualification of Miracast™ R2, we can provide comprehensive Wi-Fi certified programs services to help our clients to validate interoperability of their products.

Wi-Fi CERTIFIED Miracast™ enables seamless display of multimedia content between Miracast® devices. Miracast allows users to wirelessly share multimedia, including high-resolution pictures and high-definition (HD) video content between Wi-Fi devices, even if a Wi-Fi network is not available.



Accredited Lab by Indonesia Ministry of Communication and Informatics



Our testing laboratory in Indonesia has been accredited by Indonesia Ministry of Communication and Informatics (KOMINFO)

for wireless device testing.

With this accreditation, Bureau Veritas CPS' wireless testing laboratory in Jakarta, Indonesia provides complete wireless device testing supporting device manufacturers meet the Indonesia regulatory requirements and assist the government to ensure quality of connectivity. More importantly, we help verify the devices do not interfere with each other when devices are integrated into the Indonesian telecommunications network.

Indonesia is a country with rapid growth for telecommunication services. Along with the growth of mobile internet users, the penetration of smart phone users continues to soar. As more end-users switch from simple mobile phones to smartphones, tablet computers, and varied wireless devices, data services play an increasingly important role.

Bureau Veritas' approved laboratory identifier is IDN-006 from Indonesia Ministry of Communication and Informatics (KOMINFO). The accredited testing scope covers Wi-Fi; Bluetooth; and Mobile 2/3/4G.



Authorized PTC200 Lab by New Zealand Telecom

We have been accredited by New Zealand Telecom as an authorized laboratory to provide testing and certification services for voice and non-voice products against PTC 200 standards of New Zealand. PTC

200 intends to ensure that all new analogue Customer Premises Equipment (CPE) intended for connection to the Telecom network is compatible with that network.



Our laboratory in HsinChu, Taipei, Taiwan provides a comprehensive PTC 200 testing solution for voice and non-voice products for the New Zealand market. The laboratory is now certified to issue the test reports against specifications of PTC 200 series.

We also offer technical support services to the manufacturers exporting to New Zealand that need to design or modify their products meet conformity with related regulatory requirements, benefiting from greater time efficiency and cost saving.

VISA' Excellence Awards for 4 years

Bureau Veritas' ICTK in Korea specializes in providing smart payment security testing and certification against EMVCo and VISA requirements. It is also a leading laboratory for the development of NFC payment standard "Justouch".

Based on its high service quality



levels and strong internal processes, this award marks the achievement of important works at ICTK. VISA Inc. has recognized the excellence in specifications, testing and the certification process which ICTK has demonstrated.

Furthermore, ICTK is the only testing laboratory in the world to win this award for 4 years (2014, 2015, 2017, and 2018). These VISA Excellence Awards recognize ICTK's track record of outstanding performance in supporting and complying with the process and procedures of VISA's Testing and Approval Services.

ICTK enabled Bureau Veritas to enter the smart payment market that continues to expand as consumer demand for contactless and mobile payment grows at a rapid pace.



PTCRB Award of Excellence 2018

PTCRB certification is based on standards developed by 3GPP, OMA and other SDO's recognized by the PTCRB.



Presented by the recent PTCRB wireless device certification forum in Texas, USA, the "PTCRB Award of Excellence" recognizes our wireless laboratory in Taiwan for their outstanding work at the PTCRB.



The main criteria for the "PTCRB Award of Excellence" is to consider a test laboratory's capabilities, quantity and quality of certified products and the contribution to SDOs (Standard Development Organization) as recognized by the PTCRB. The

PTCRB operators then identify the laboratory which exceeds their expectations. This may also include contributions to the industry that are in the vested interest of PTCRB.

The PTCRB award underlines the importance of choosing a quality and reliable partner like Bureau Veritas in the fast changing wireless technologies environment.

Since 2011, our wireless laboratory in Taiwan has been a PTCRB authorized laboratory that provides full testing capabilities to 4G LTE. We offer comprehensive wireless conformance services to support our clients in compliance with PTCRB, GCF, Wi-Fi Alliance®, NFC Forum, and Bluetooth® SIG requirements.

First 3rd Party Testing Lab recognized by IFT – Mexico's Federal Telecommunications Institute



Bureau Veritas' Curtis-Straus in USA has been recognized by Instituto Federal de Telecomunicaciones (IFT), the Mexican regulatory authority organization, as the first third-party testing laboratory in the United States to assess the conformity of telecommunications equipment to applicable technical regulations.

The Mutual Recognition Agreement between the Government of the United States of America and the Government of the United Mexican States for Conformity Assessment of Telecommunications Equipment has been implemented by the United States since September, 2017. The Agreement provides the opportunity for the mutual recognition of testing laboratories and for the mutual acceptance of the results of testing undertaken by recognized testing laboratories in assessing conformity of equipment to applicable technical regulations.

Curtis-Straus has been recognized by IFT to test the following telecommunications equipment:

- NOM-084-STC1-2002
- NOM-088/1-SCT1-2002
- NOM-088/2-SCT1-2002
- NOM-208-SCFI-2016
- IFT-008-2015



Energy Efficiency Verification Services for North American Manufacturers

Curtis-Straus offers an Energy Efficiency Verification mark for manufacturers that are looking to sell their products worldwide.



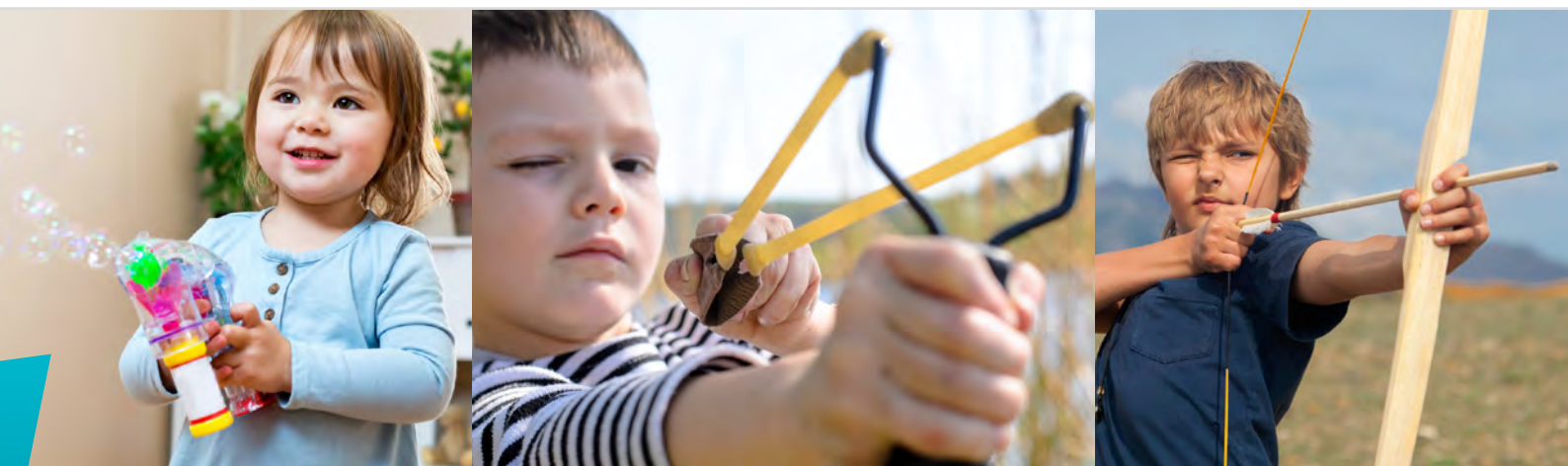
This is in response to the demands of consumers wanting energy efficient products and regulations that mandate minimum efficiency requirements for many energy-using products. Manufacturers face significant challenges in ensuring that their products are accepted by regulators and the market.

The Mark demonstrates that a product has met the energy efficiency requirements outlined by Natural Resources Canada (NRCAN), Canadian provincial energy efficiency regulations, California Energy Commission (CEC) and the U.S. Department of Energy (DOE).

The Curtis-Straus Energy Efficiency Verification mark appears on products evaluated to Energy Efficiency Standards, which is an effective marketing strategy when selling products worldwide and wanting to prove energy efficiency. We can certify a wide range of products including household appliances, heating and air-conditioning equipment, lighting and electronic products.

Curtis-Straus also performs testing for ENERGY STAR program, and can issue their Energy Efficiency Verification mark for products that are not eligible for ENERGY STAR® program, providing a way for manufacturers to show their energy efficient conscientious.

Projectile Toys Testing Services



Toys have to be safe for children to play with.

Safety and quality are fundamental concerns for consumers, particularly for toys and other products related to children. Historically, a number of tragic incidents have resulted in children swallowing and choking on projectiles, or receiving eye injuries as a result of using projectile toys. This has prompted ever evolving changes in the toy safety standards and regulations.

A projectile toy is one that is capable of shooting objects into free flight or a trajectory into the air.

The EU Toy Standard for mechanical and physical properties has recently been amended with respect to projectiles, cords and “various” other changes and published by the European Committee for Standardization (CEN).

Manufacturers, importers or distributors placing their projectile toys on the EU market have to ensure that the toys meet the safety requirements.

We understand manufacturers, retailers and distributors need to be confident that the projectile toys they deliver to the EU market meet the safety compliance requirements, along with consumer expectations and other regulatory requirements such as REACH.

Our toy testing methods for projectile toys include:

- Where any toy is capable of firing a projectile with suction cups, such as arrows, darts, or other projectiles, the projectiles must have a length of at least 57mm. This is measured when a projectile is stood upright on a flat surface and under no other pressure other than its own weight.
- Stored energy projectiles with resilient impact surfaces, for example rubber, must not exceed a kinetic energy density of 2 500 J/m² when fired from a child's projectile toy.
- Rigid projectiles (without suction cups) must not exceed a kinetic energy of 0.08J.
- Suction cups should not detach when subjected to a torque test and a tension test (usually 90 Newton). If they do detach, they should not fit through the suction cups template as specified in the standard.
- Projectiles in the form of darts have specific requirements with respect to their impact area.
- Particular requirements apply to bows and arrows with regards to impact area, kinetic energy and kinetic energy density.

Food Contact Testing Services



Any materials or articles that come into contact with food have the potential to contain chemicals or metals, or contaminants that could be leached into food. This includes any kinds of materials / products and any types of containers or packaging. The same applies for corporate premiums or party items which aren't produced for food contact which have or could have contact with the mouth, e.g. whistles, balloons, etc.

A Proactive Approach to Brand Protection & Consumer Confidence

The implementation of effective product development and quality monitoring programs, plus services such as testing, inspections, and consumer evaluations, can help you improve customer satisfaction, lower costs, reduce customer complaints, and increase competitiveness.

We offer extensive capabilities and global experience in analytical testing and consultancy for all products, materials or articles that have the intended purpose to be in contact with food / drink or products which have the potential to be placed in the mouth. We have experience with a wide

variety of materials, such as wood, paper and paperboard, plastic, ceramic, porcelain, glass and enamel, metal and metal alloys.

With locations and experienced specialists around the world, we provide applicable and comprehensive test packages, solid technical support, and regulatory guidance to assist retailers, manufacturers and distributors of these products in addressing the challenges in today's global marketplace.

- Regulation (EC) No 1935/2004
- Directive 84/500/EEC
- Directive 2007/42/EC
- Regulation (EU) No 10/2011 and No 64/2011
- Directive 93/11/EEC
- Commission Regulation (EC) 1895/2005
- Food and Drug Administration (FDA) food contact regulation
- Proposition 65
- Food Safety Law of the People's Republic of China
- Food Sanitation Law part II

Promotional Products Testing Services

Promotional products, premiums or branded merchandise are used to promote brands, products, and corporate identity. Compliance is crucial for brands, retailers, importers, or distributors placing promotional products onto the market as the products also reflect brand value and reputation. Promotional products also drive engagements with potential customers and purchases. They can be offered in different ways - giveaways, in-package / on-package; free with a purchase, and collectable.

Bureau Veritas understands compliance for your promotional products is crucial for business sustainability and brand reputation.

We offer Promotional products Testing Services to assist brands, retailers, importers, and distributors verify that your promotional products meet quality, safety, performance, and regulatory compliance throughout the whole supply chain.

Backed by experienced technical specialists and accredited laboratories worldwide, our full test scope and capabilities allow us to assess and validate promotional products across a broad range of product categories.

- **Garments & Apparel**

- items which are mainly made of fabric and textiles

- **Hard Goods**

- items which have a solid structure and are not electrical

- **Toys & Children Products**

- items which are aimed at younger consumers

- **Accessories**

- items which are used to accessorize

- **Electrical Products**

- items which are powered by battery

- **Wearables**

- items which are wireless enabled

- **Cosmetics**

- items which are for personal hygiene or beauty



Performance Textile Testing Services for Activewear



Popularity of performance wear demands clothing to be both fashionable and functional for outdoor, fitness, athleisure and sports. Companies are producing specific performance fabrics which are designed to aid in breath-ability and wicking, and to be wearable “from the gym to the pub”. Likewise, more brands and high street stores are selling specific ranges of clothing labelled as Activewear. This also include accessories and footwear of many varieties made with performance fabrics.

At Bureau Veritas, we fully understand that manufacturers, brands and retailers, need to be confident that these new ranges of clothing they deliver to market meet consumer expectations, along with the required safety, regulatory and government standards globally.

Backed by our experienced technical specialists around the world, we provide a variety functional test methods to validate the performance factors of textiles labelled as active, sports or workout wear that the product is fit for purpose and will provide the wearer with the protection and performance claims that the product is designed for:



As part of our Softlines global offering with dedicated laboratories located in the major selling and sourcing regions worldwide, we offer a wide range of innovative solutions to support companies in the fashion and apparel industry looking to improve their regulatory compliance, the quality of their products and efficiency of their supply chain while ensuring their brand protection, risk mitigation, and cost reduction.



- Moisture Absorption
- UV Protection
- Waterproof / Water Resistance
- Water Vapor Permeability / Breathability
- Thermal Resistance
- Air Permeability
- Windproof / Wind Resistance
- Anti-bacterial
- More...



Expanded Disposable Wipes Flushability Testing Services

We have expanded testing capabilities at our US Buffalo laboratory for evaluating the flushability characteristics of wipes and other nonwoven products, including moistened wipes, facial wipes, toilet papers, etc.

The D.C. Act of USA defines a 'flushable' product as a nonwoven disposable product that "disperses in a short period of time after flushing in the low-force conditions of a sewer system; is not buoyant; and does not contain plastic or any other material that does not readily degrade in a range of natural environments." The Act is currently in courts and not yet finalized.

We can now conduct tests to help determine if the product meets minimum requirements to make a "flushable" claim.

- **INDA FG504.R1(18) – Settling Test**

The Settling Test is conducted to ensure that, when flushed, wipes will "settle in sumps, septic tanks, on-side aerobic systems, and settling chambers that are associated with sump stations and municipal wastewater treatment plants."

- **INDA FG502.R1(18) – Slosh Box Disintegration Test**

The Slosh Box Disintegration Test is performed to help determine the ability of a wipe to disintegrate when agitated in water.

- **Fiber Identification**

Fiber Identification Testing is to help identify materials in the wipe that may not easily degrade and would inhibit flushability.

IPC Recognition for Electronic Exchange of Lab Information

With our OneSource information management platform, we have significant experience in integrating with our customers' information solutions.



Stacy Stannard, Business Systems Analyst in USA was presented with a distinguished committee service award by IPC, a global trade association serving the printed board and electronics assembly industries at the IPC APEX EXPO 2018 in March.

The awards were presented to individuals who made significant contributions to IPC and the industry by lending their time and expertise through IPC committee service.



The award was in recognition of Stacy's participation in the development of IPC-1753, amendment 1, Laboratory Report Standard. The IPC-1753 Laboratory Declaration Standard will allow for the electronic exchange of laboratory chemical analysis reports between supply chain members.

Along with Stacy, Meg Hughes, Senior Global Consulting Specialist in Analytical Services has also participated in this committee for the past two years. Both Stacy's and Meg's works for this committee is a testament to their considerable knowledge and work related to the electronic exchange of laboratory information.



Bureau Veritas @ the ICPHSO Events

The International Consumer Product Health and Safety Organization (ICPHSO) is an international, neutral forum for product safety stakeholders to learn, network and share information.



We had recently sponsored the ICPHSO's events in USA when our management participated in key sessions and spoke on hot topics with respect to the evolution of safety compliance and risk management and shared their knowledge and expertise.

At the ICPHSO's 2018 Annual Meeting and Training Symposium held in Orlando, Florida in February, our speakers were:



Lisa Bate, Senior Vice President, Americas spoke on the session titled "Silenced to Strategic: What the Last 25 Years Tell Us about What Lies Ahead."

Lisa has been working at Bureau Veritas for 20 years. She currently oversees US and Latin America operations for Consumer Products Services Division. She holds a BA cum laude from St. Lawrence University, NY; Master in Business Administration from Canisius College, NY and an Executive MBA from INSEAD, France.



Tim Mattulke, Vice President, Technical Services and Consultation, Americas spoke on the session titled "How to Make Retailers Happy - So Many Programs, So Much Documentation."

Tim has been working at Bureau Veritas for 9 years. Currently, he is responsible for technical services and consulting activities for CPSD in the Americas region. He is also a member of the American Apparel and Footwear Association (AAFA), and the International Consumer Product Health and Safety Organization (ICPHSO).



Richard Rosati, Vice President, Governmental Affairs and Industry Standards, Americas, moderated the panel discussion of "Best Practices for Managing Third Party Risks."

Rick has been working at Bureau Veritas for 18 years. His primary responsibilities include monitoring and communicating legislative and regulatory activity, participating in pertinent standards development activity and supporting industry activities and trade shows. He is also a member of ASTM, ASQ, JPMA, TIA, and is sitting on the ICPHSO Board of Directors, and chairs the ASTM F15 Executive Committee overseeing all consumer products standards.

At the ICPHSO Northwest Regional Product Safety Training Workshop held in Seattle, Washington in June:



Chuck Rogers, Americas Director of Technical Consulting and Supply Chain Solutions, participated in the session titled "Supply Chain - Blockchain: It's Already Being Used in the Real World."

The ICPHSO Regional Training Workshop discussed on the challenges posed to product safety with emerging technology, new and innovative products, and the best practices developed for managing outcomes.

Chuck has been working at Bureau Veritas for 6 years. He has been heavily involved in developing supply chain quality and compliance solutions based on a data driven model combining services including factory audits, product inspections and product testing. He also had over 20 years of experience in quality assurance for both manufacturers and retailers.

Bureau Veritas @ AAFA Events

The American Apparel & Footwear Association (AAFA) is the national trade association representing apparel, footwear and other sewn products companies, and their suppliers, which compete in the global market.



Rick Horwitch, Vice President, Global Retail Lead & Supply Chain Strategy, spoke on Manufacturing Product Safety at the AAFA Product Safety Seminar in Long Beach,

California in February. The topic discussed in a series of sessions, covering areas to watch in the manufacturing process, approaches to reduce risk, and tangible ways to implement these strategies into operations.

The AAFA event brought together brands, retailers, regulatory officials, and technical experts to share industry insight on the latest rules and regulations. The focus was on the critical components of manufacturing and delivering products that meet regulations, industry compliance, and consumer demand.

Rick has been working at Bureau Veritas for 13 years and currently focuses on developing Supply Chain Risk and Quality Management (SCRQM) and Sustainability solutions, as well as strategic partnerships and alliances which help their customers protect their brands, reduce cost, and improve cycle time.

Rick also sits on the advisory boards of:

- AAFA's Board of Directors
- Americas Apparel Producers Network (AAPN) – Executive Board
- California Fashion Association (CFA)
- Fashion Institute of Technology (FIT), New York
- Fashion Institute of Merchandise and Design (FIDM), Los Angeles
- University of Delaware Department of Fashion & Design



Srin Venkataraman, Global Technical Specialist, spoke at the AAFA Product Safety Seminar taken place at the Fashion Institute of Technology in New York City in May.

The seminar focused on important components of a product safety protocol including Hazard Identification, Regulation Compliance, Chemical Management, and Product Safety & Foreign Markets.

Srin participated in the panel discussion titled “Design Your Product with Safety in Mind” which considered what the boundaries are, when it comes to creating innovative products that are safe – in response to consumer feedback, information gathering, and general understanding of how products could be used.

Srin has been working at Bureau Veritas for 21 years and he currently works as Global Technical Specialist in the area of Textiles. He is also the chairman of the ASTM International wearable / smart textile subcommittee, ASTM D13.50, Smart Textiles.

Bureau Veritas @ CPSC Events

The U.S. Consumer Product Safety Commission (CPSC) is charged with protecting the public from unreasonable risks of injury or death associated with the use of the thousands of types of consumer products under the agency's jurisdiction.



Ellen Roaldi, Senior Technical Consulting Specialist for Softlines at US Buffalo laboratory participated in the Joint Technical Meeting on Upholstered Furniture Flammability topics as hosted

by CPSC in Maryland in May.

The meeting discussed various topics related to residential upholstered furniture flammability, including technology to address flammability hazards, existing / in-progress standards as well as concerns / options to improve consumer safety.

Ellen has been working at Bureau Veritas for 28 years. She is currently a regulatory specialist responsible for developing new or updated guidance, and provides trainings and customer service support to clients. She is also a qualified auditor and trains internal staff. Under ANSI Standards Alliance and ASTM, she has participated in workshops for East Africa countries, and Standards Alliance partners in Peru.

Ellen is also holding the following seating:

- Member of ASTM & a certified trainer for ASTM for Children's Sleepwear (16 CFR 1615/1616), and Wearing Apparel (16 CFR 1610), and the course for Flammability of Upholstered Furniture, Mattresses and Bedding Sold in the United States: Regulatory Compliance
- Chair of the ASTM D13.52 Flammability and D13.62 Labeling committees
- Member of ASTM 13.63 - home furnishings committee
- ASTM liaison chair between ASTM D13.52/ F08 and CGSB for Tent Flammability method development
- Secretary of the AATCC staining (RA 56) and Electronically Integrated Textiles (RA 111) committees, and participating member of RA 88 - Home Laundering Technology and others
- Participating member IABFLO and CGSB
- ISO Secretary for the US Tag committee



Travis Norton, Technical Director, Hardlines, Electronics and Smart Products, Americas, spoke at the public hearing titled "The Internet of Things and Consumer Product Hazards" which was hosted by

CPSC in Maryland in May.

The public hearing received information from all interested parties about potential safety issues and hazards associated with internet connected consumer products that would be used to inform future Commission risk management work.

Travis has been working at Bureau Veritas for 23 years. He is responsible for leading and managing a technical consultation team. He supports clients and laboratories with requirement / service development and technical interpretations. He also participates in industry organizations, standards development, and regulatory affairs. In addition, he also provides independent investigations and support for global technical governance.

Travis is also a participating member of the ASTM International wearable/smart textile subcommittee, ASTM D13.50, Smart Textiles in addition to the ASTM F12 committee on Security Systems and Equipment, ASTM F15 committee on Consumer Products, and the ASTM F38 committee on Unmanned Aircraft Systems.

Press News

[View List of News Releases](#)


- Bureau Veritas Announces Collaboration with Oritain
- CA Proposition 65 - Q2 2018 Summary of 60 Day Notices
- Bureau Veritas Official Participant in the Amazon Packaging Support and Supplier Network (APASS)
- Bureau Veritas Announces Latest Regulations Database Update –Addition of 19 Countries for 75 Countries
- Bureau Veritas offers Safety Testing Services for Projectile Toys
- Bureau Veritas offers Performance Textile Testing Services for Activewear
- Bureau Veritas offers Promotional Products Testing Services
- Bureau Veritas Buffalo Expands Disposable Wipes Flushability Testing
- Bureau Veritas offers Complete Food Contact Testing Services
- Bureau Veritas becomes a WinnForum CBRS Approved Laboratory and a CBRS Alliance Authorized Test Lab
- Bureau Veritas Exhibiting at Mobile World Congress Shanghai 2018
- New Naming Convention and Design for Bureau Veritas' OneSource Suite
- Chinese First OTTC for ERA-GLONASS Equipped Vehicle is certified via Bureau Veritas VEO Solution
- Bureau Veritas' ICTK wins 2018 VISA Excellence Award
- Bureau Veritas' Chuck Rogers to Speak at ICPHSO Regional Product Safety Training Workshop
- Bureau Veritas Consumer Products Services enters its 10th Anniversary of World Environment Day Celebrations
- CA Proposition 65 - Q1 2018 Summary of 60 Day Notices
- Bureau Veritas' Ellen Roaldi to Participate in CPSC Technical Meeting on Upholstered Furniture Topics
- Bureau Veritas Taiwan receives a PTCRB Award of Excellence
- Bureau Veritas' Travis Norton to Speak at CPSC Public Hearing: The Internet of Things (IoT) and Consumer Product Hazards
- Curtis-Straus Energy Efficiency Verification Services Meet Demand of North American Manufacturers
- World's first Vehicle-to-Everything (V2X) certified device tested by Bureau Veritas
- Srin Venkataraman to Speak at AAFA Product Safety Seminar
- Stacy Stannard Awarded for Contributions to the Electronics Industry at APEX EXPO 2018
- Bureau Veritas Expands its Shanghai Auto Hub with Asbestos Testing
- Bureau Veritas' Curtis-Straus Opens Photometric Lab
- Bureau Veritas is qualified for Wi-Fi CERTIFIED Miracast™ Release 2 Testing and Certification
- Bureau Veritas becomes an authorized PTC 200 Testing Laboratory by New Zealand Telecom
- Bureau Veritas obtains an Accreditation from Indonesia Ministry of Communication and Informatics
- Bureau Veritas CPS Sri Lanka becomes the 1st IAC certified Microbiology Testing Laboratory in South Asia
- CA Proposition 65 2017 Summary of 60 Day Notices
- BVCPS Virtual Stand Tour at the MWC 2018
- BVCPS Smart City Technology Testing at the MWC 2018
- 4 Bureau Veritas CPS China Labs Approved as ENEC/ENEC+ Testing Laboratories
- BVCPS Smart Home Testing & Certification at the MWC 2018
- BVCPS Smart Payment Security Testing at the MWC 2018
- Bureau Veritas' 7layers provides full NB-IoT and LTE Cat-M Certification Services for GCF and PTCRB
- BVCPS Connected Car Certification at the MWC 2018
- Bureau Veritas exhibiting at Mobile World Congress 2018
- Curtis-Straus First Third-Party Test Lab Recognized by IFT - Mexico's Federal Telecommunications Institute
- Bureau Veritas Exhibiting at JPMA Baby Show
- Bureau Veritas to Speak & Sponsor at ICPHSO 2018 Symposium
- Bureau Veritas to Sponsor Toy Association Toy Safety & Compliance Update
- Bureau Veritas to Speak & Sponsor AAFA Product Safety Seminar Long Beach

Events

Forthcoming Events

eCall Days 2018
11.9 – 12.9.2018 | Hamburg, Germany

Mobile World Congress Americas 2018
12.9 – 14.9.2018 | Los Angeles, CA

Bluetooth World 2018
18.9 – 19.9.2018 | Santa Clara, CA

EMC – Seminar
27.9.2018 | Nuremberg, Germany

The 17th China International Toy Fair (China Toy Expo)
16.10 – 18.10.2018 | Shanghai, China

AAFA's Conference: Product Safety and Compliance Conference
18.10.2018 | Ho Chi Minh, Vietnam

Automotive Testing Expo
23.10 – 25.10.2018 | Novi, MI

electronica 2018
13.11 – 16.11.2018 | Munich, Germany

SPS IPC Drives 2018
27.11 – 29.11.2018 | Nuremberg, Germany

Mobile World Congress Barcelona 2019
25.2 – 28.2.2019 | Barcelona, Spain

Embedded World 2019
26.2 – 28.2.2019 | Nuremberg, Germany

EMV 2019
19.3 – 23.3.2019 | Stuttgart, Germany

Past Events

Mobile World Congress Barcelona 2018
26.2 – 1.3.2018 | Barcelona, Spain

Embedded World 2018
27.2 – 1.3.2018 | Nuremberg, Germany

AAFA's Conference: Executive Summit 2018
28.2 – 2.3.2018 | Washington, DC

View List of Our Global Events & Seminars



Vietnam International Furniture & Home Accessories Fair (VIFA-EXPO 2018)
7.3.2018 | Ho Chi Minh, Vietnam

Indonesia International Furniture Expo 2018
9.3 – 12.3.2018 | Jakarta, Indonesia

JPMA Baby Show
20.3 – 24.3.2018 | Washington, DC

AHFA Prop 65 Workshop
21.3.2018 | Colfax, North Carolina

LIFESTYLE VIETNAM 2018
18.4.2018 | Ho Chi Minh, Vietnam

AAFA's Conference: Sourcing Conference 2018
24.4 – 25.4.2018 | Washington, DC

Internet of Things World 2018
14.5 – 17.5.2018 | Santa Clara, CA

AAFA's Conference: Product Safety Seminar
31.5.2018 | New York, NY

The Intelligent Transportation Society of America 2018 Annual Meeting
4.6 – 7.6.2018 | Detroit, MI

Automotive Testing Expo
5.6 – 7.6.2018 | Stuttgart, Germany

ICPHSO Northwest Regional Product Safety Training Workshop
19.6.2018 | Seattle, WA

Intersolar Europe
20.6 – 22.6.2018 | Munich, Germany

Industry Event: Bureau Veritas exhibits in ConCar Expo 2018
27.6 – 28.6.2018 | Berlin, Germany

Mobile World Congress Shanghai 2018
27.6 – 29.6.2018 | Shanghai, China

Regulatory News

[View List of our Bulletins / Newsbytes](#)


Softlines & Footwear

- China Product Standard QB/T 1333-2018 Handbag and Knapsack Technical Parameters Comparison to 2010
- China Product Standard GB/T 2666-2017 Trousers / Technical Parameters Comparison to 2009 Version
- China Product Standard GB/T 2665-2017 Women's Suits and Coats / Technical Parameters Comparison to 2009 Version
- China Product Standard GB/T 2664-2017 Men's Suits and Coats / Technical Parameters Comparison to 2009 Version
- Vietnam Postponed the Effective Date of the Restriction of Azo Dye and Formaldehyde in Textile Products
- Connecticut Signs an ACT CONCERNING CLOTHING FIBER POLLUTION/ New York State Proposed Bill Microfiber Clothing Labeling Requirements / Status of California - Proposed Assembly Bill No. 2379
- San Francisco Bans the Sale of Fur Products
- China Product Standard QB/T 2955-2017 Casual Shoes Technical Parameters Comparison to 2008 Version
- Chinese National Standards Issued 32nd (32nd China national standards announcement in 2017) Includes Men's and Women's Suits and Coats, etc.
- Federal Trade Commission Amends Rule Regarding "House Marks"
- Vietnam Resumes Restriction of Azo Dye and Formaldehyde in Textile Products

Hardlines

- Proposed Changes to California Bureau of Home Furnishings Standards: Title 4 of the California Code of Regulations, Sections 1374 and 1374.3 - Home Furnishings and Thermal Insulation Act and Rules and Regulations
- CPSC Issued Final Rule to Exempt Certain Engineered Wood Products from Lead, ASTM F963 Elements and Phthalates Testing
- Health Canada Amends the Consumer Products Containing Lead (Contact with Mouth) Regulations
- Update Regarding Litigation Affecting EPA Formaldehyde Emission Standards for Composite Wood Products (TSCA Title VI, 40 CFR 770)
- Canada Proposes Regulations Prohibiting Asbestos
- ANSI WCMA Standard Undergoes Significant Changes

Toys and Juvenile Products

- ASTM Publishes Reinstated Standard Performance Requirements for Child's Plastic Chairs for Outdoor Use
- EU Toy Standard for Mechanical and Physical Properties is Amended (EN 71-1:2014+A1:2018)
- Health Canada Amending the Toys Regulations (Magnetic Toys): SOR/2018-138
- CPSC Publishes Safety Standard for Booster Seats in Federal Register
- ASTM International Publishes New Standard for Infant Floor Seats
- CPSC Publishes Final Rules for Baby Changing Products within Federal Register
- CPSC Formally Extends the Comment Period for "Guidelines for Determining Age Appropriateness of Toys"
- CPSC Commissioners Vote in Favor of Publication of Notice of Proposed Rulemaking (NPR) for Stationary Activity Centers
- CPSC Publishes Safety Standard for High Chairs in Federal Register
- EU Commission Amends Toy Safety Directive 2009/48/EC with Respect to Chromium VI Limits
- Health Canada Amends the Children's Jewellery Regulations
- Hong Kong Publishes the Toys and Children's Products Safety Ordinance (Amendment of Schedules 1 and 2) Notice 2018 in the Gazette
- CPSC Issued Direct Final Rule Revising 16 CFR 1308 Phthalate Determination

Electrical & Electronic Products

- India Extends Implementation Date of Revised Safety Requirements (IS 616) for Audio, Video, and Similar Apparatus
- Qatar CRA amendment Class License for Short Range Devices (SRD)
- Vietnam MIC to terminate Circular 18/2014/TT-BTTTT Regulation On Import Permit of Radio Devices
- The Adjustment Of CCC Certification Scopes And The Changes Of Implementation
- Released European Directive 2014/35/EU LVD Standards
- Saudi Arabia SASO Recognition Certificate Now Required for Shipment of Selected Electricals
- Thailand NBTC Introduce E-Label For Product With Display
- Ukraine New Technical Regulation on Radio Electronic Devices & Frequency Registration
- Namibia Communications Authority Issued Type Approval Exemption List
- Kenya CA Issued Technical Specifications for Mobile Cellular Devices
- Electrical & Electronics Products Technical Update: EN & IEC Standards Update Summary
- Saudi Arabia SASO Recognition Certificate Now Required for Shipment of Selected Electricals
- Ukraine New Technical Regulation on Radio Electronic Devices (RED) & Frequency Registrations
- SPRING Singapore News and FAQ Regarding Change of Safety Mark
- Mozambique INCM Prohibiting The Use of Harmful Equipments to Telecom Services
- Notification of extended RS test frequency from RRA
- Thailand NBTC Introduce E-Label For Product With Display
- Japan MIC Revises Partial Amendment Of Regulations For Radio Equipment
- SPRING Singapore News and FAQ Regarding Change of Safety Mark
- Mozambique INCM Prohibiting The Use of Harmful Equipments to Telecommunication Services
- China Publishes First Batch of "Electrical and Electronic Products Catalogue with Controlled Hazardous Substances Restriction"

- New update for China CCC mark
- Vietnam MIC Issued a Draft Circular Amendment to Circular 30/2011/TT-BTTTT (Type Approval and DoC Regulation)
- China CNCA Announcement on Reformation of Compulsory Product Certification Mark
- Technical Update: Europe AV & IT Product Standards Update Summary
- Technical Update: Europe Lighting Product Standards Update Summary
- Health Canada Reclassifies High-Level Disinfectants and Sterilants as Medical Devices
- Technical Update: New RED Harmonized Standards in OJ
- U.S. FDA Releases Class I and Unclassified Medical Device Compliance Date Guidance
- South Korea labeling changes

Wireless/Smartworld

- Released European Directive 2014/30/EU EMC Standards
- ISED RSS-HAC Consultation Period Until Sept 24, 2018
- India BIS Published "New Fee Structure" Which Is Applicable To The Projects Got Started On Or After JUN 4 2018
- Wi-Fi Alliance® Introduces Wi-Fi CERTIFIED WPA3™ Security, Wi-Fi CERTIFIED Easy Connect™ and Wi-Fi CERTIFIED Enhanced Open™ In June, 2018
- New Security Requirements for Wi-Fi Certification Are Announced in April 2018
- Vietnam MIC Issued Official Guidelines on Application, Implementation for Circular No 04/2018/TT-BTTTT
- Vietnam MIC Has Released Circular 04/2018/TT-BTTTT to Regulate the List of Devices Required Mandatory TAC/DoC
- Korean WLAN 5G Limit Update
- Bluetooth SIG Announces Deprecation and Withdrawal of Legacy Bluetooth Core Spec version
- Vietnam MIC Issued New Standard for LTE
- FCC Acts to Facilitate Deployment Of 5G and Wireless Broadband Infrastructure
- Canada ISED – New requirements for Wireless Device Testing Laboratories
- New RED Updated on March 09, 2018
- Released European Directive 2014/53/EU RED Standards
- Brazil ANATEL published new technical requirements
- Brazil ANATEL new standard replacement notice
- RELEASED EUROPEAN DIRECTIVE 2014/53/EU RED STANDARDS
- Brazil ANATEL new standards replacement notice
- INDONESIA SDPPI ISSUED A DRAFT TECHNICAL STANDARDS FOR WLAN
- Released European Directive 2014/53/EU RED Standards
- Argentina RF/Telecom approval ENACOM news – New standard for cellular interfaces
- Indonesia SDPPI issued a draft technical standards for WLAN- Public Consultation Technical Requirements for Telecommunication Tools and Devices Wireless Local Area Network
- Pakistan PTA issued a Type Approval Technical Standards Regulation 2017
- Mauritius ICTA exempted devices with BT & WiFi logo from type approval
- Thailand NBTC new RFID & IoT technical standards
- Argentina RF/Telecom approval ENACOM news – New standard for cellular interfaces, Jan 2018
- Brazil Anatel Act. 493 Regulation Coming into Enforced in January of 2018

Health, Beauty and Household Products

- NY DEC Finalizes Household Cleansing Product Information Disclosure
- Hawaii Bans Sunscreens with Oxybenzone and Octinoxate
- Health Canada Updates Cosmetics Hotlist
- Technical Update: Europe Household Product Standards Update Summary
- California Cleaning Products Right to Know Act

Food

- FDA Guidance Proposes Including Additional Ingredients to "Dietary Fiber" Definition
- FDA Plans on Revising Draft Guidance on the Labeling of Added Sugars for Pure Honey, Maple Syrup
- U.S. FDA Denies Petition for Certain PHO Uses in Food; Specified Compliance Dates Extended
- U.S. FDA Announces Ban on Benzocaine Containing Teething Products and Requests New Warning Labels for Other Benzocaine Products
- U.S. FDA Formally Extends Nutrition Labeling Compliance Date
- USDA Publishes Proposed GMO Labeling Standard
- U.S. FDA Issues Final Guidance on the Scientific Evaluation of Dietary Fiber Substances
- FDA Issues Guidance Document on Honey and Honey Products, and Draft Guidance on Labeling of Added Sugars on Honey, Maple Syrup, and Certain Cranberry Products
- U.S. FDA Issues Guidance Documents for Updated Nutrition Facts Labeling Requirements
- EU Strengthens Bisphenol A Restriction in Food Contact Materials and Articles
- U.S. FDA Proposes Risk-Based Approach for Homeopathic Drug Products

REACH / Restricted Substances

- REACH Ten New Substances Listed as SVHC
- New California Proposition 65 Settlements
- REACH: New Restriction for Phthalates Planned
- Public Consultation on Eight Potential SVHC under REACH
- REACH Two New SVHC
- REACH: Seven New Substances Listed as SVHC



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