

# स्टैंडर्ड्स इंडिया Standards India

Street  
Food  
Vendors

MARKS OF TRUST



भारतीय मानक ब्यूरो  
BUREAU OF INDIAN STANDARDS

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# स्टैंडर्ड्स इंडिया Standards India

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FROM THE DESK OF THE  
DIRECTOR GENERAL

Indian Street food has a lot of admirers. Many more would join this group if there is assurance of it being safe, hygienic and of good quality. This is possible and BIS has moved in this direction. BIS has come up with IS 16066 'Street Food Vendors' – Food safety requirements, which stipulates requirements for vending carts, vending location, utensils, hygienic practices of food safety, personal hygiene and habits, protection and serving of food, disposal of waste, etc.

This issue of *Standards India* focuses on the significance of standards for street food vendors. The implementation of Indian Standard by street food vendors will go a long way in ensuring that the delicacies in the streets are safe to consume and you will stay healthy. We should support local vendors, who comply with these requirements. Your feedback is welcome at [dg@bis.gov.in](mailto:dg@bis.gov.in).

Smt. Surina Rajan  
Director General, BIS

इंडियन स्ट्रीट फूड के बहुत से प्रशंसक हैं। यदि इसके सुरक्षित, स्वच्छ और अच्छी गुणवत्ता का होने का आश्वासन मिले तो कई और लोग इस समूह में शामिल होंगे। यह संभव है और बी आई एस इस दिशा में आगे बढ़ा है। बी आई एस, आई एस 16066 'स्ट्रीट फूड वेंडर्स' – खाद्य सुरक्षा आवश्यकताओं के साथ आया है जो वेंडिंग कार्ट, वेंडिंग स्थान, बर्तन, खाद्य सुरक्षा की स्वच्छ प्रथाओं, व्यक्तिगत स्वच्छता और आदतों, सुरक्षा और भोजन की सुरक्षा, कचरे के निपटान के लिए आवश्यकताओं को पूरा करता है, इत्यादि।

स्टैंडर्ड्स इंडिया का यह अंक स्ट्रीट फूड विक्रेताओं के लिए मानकों के महत्व पर केंद्रित है। स्ट्रीट फूड विक्रेताओं द्वारा इंडियन स्टैंडर्ड का कार्यान्वयन यह सुनिश्चित करने में एक लंबा रास्ता तय करेगा कि सड़कों पर व्यंजनों का उपभोग करना सुरक्षित है और आप स्वस्थ रहेंगे। हमें स्थानीय विक्रेताओं का समर्थन करना चाहिए, जो इन आवश्यकताओं का अनुपालन करते हैं। आपकी प्रतिक्रिया का [dg@bis.gov.in](mailto:dg@bis.gov.in) पर स्वागत है।

श्रीमती सुरिना राजन  
महानिदेशक, बी आई एस

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## GREATEST CHALLENGES

### ISO HOSTS WORLD LEADERS TO ADVANCE THE 2030 GLOBAL AGENDA

“Advancing the global agenda” is this year’s theme, which looks at how the power of International Standards can be harnessed to address many of the world’s greatest challenges like climate change, pollution and poverty. The event comes at a time when “the world needs more ISO”, said ISO President John Walter at the event.

ISO has also launched a dedicated page on its website, with a mapping tool that highlights more than 600 standards that contribute directly to achieving the goals

In his opening remarks, ISO Secretary-General Sergio Mujica highlighted that International Standards provide a platform for innovation, from which new technologies and solutions can be found. “They are also key tools for addressing all of the challenges outlined in the United Nations Development Agenda 2030 and its 17 Sustainable Development Goals (UN SDGs), a key focus of this year’s event,” he said.

ISO has also launched a dedicated page on its website, with a mapping tool that highlights more than 600 standards that contribute directly



to achieving the goals. It is intended to serve as a valuable resource for organizations looking to play their part. Interactive workshops and discussions are also taking place about trends in international trade and the role of standards, technology standards and innovation, and engaging policy makers and the government.

## AN EQUAL WORLD

### ISO STANDARDS CAN HELP TACKLE GLOBAL GENDER INEQUALITY



At the 52nd ISO DEVCO meeting, participants were roused by the words of guest speaker Christine Loew, Director of the UN Women Liaison Office, Geneva. Loew addressed several topics related to global inequality, and the role of women. Her speech drew attention to the fact that under-representation of women perpetuates further inequality.

“When [women’s] lives are improved, the benefits reverberate across society,” said Loew. She cited the

ways in which inequality pays compound interest, “women and girls bear the greatest burden of energy poverty – gathering fuel for an average of 18 hours per week,” with a knock-on effect of lower school attendance than their male counterparts.

Unfortunately, it doesn’t end there. With women generally doing most of the cooking, in conditions that are detrimental to their health, thousands die prematurely from respiratory illness. While praising standards such as cleaner, burning stoves and pointing to ISO’s positive gender representation in some areas, Loew underlined that more could be done to involve female experts in the standards development process.

Director of the UN Women Liaison Office, Geneva, Christine Loew pointed to the fact that under-representation of women perpetuates further inequality



## SAFETY IN THERAPY

### NEW INTERNATIONAL STANDARD FOR TRADITIONAL CHINESE MEDICINE

Moxibustion is a form of heat therapy targeting acupuncture points in the body and can be used to treat Osteoarthritis, digestive complaints, asthma and soft tissue injuries, etc.

Traditionally using the 'moxa' plant, modern moxibustion can involve using an infrared moxibustion-like instrument that simulates the heating effect and infrared spectrum of burning the plant to irradiate the body at these points. ISO 20493, Traditional Chinese medicine – Infrared moxibustion-like instrument, aims to do just that, by setting minimum safety and quality requirements for manufacturers and regulators alike. Dr David Graham, Chair of the technical committee that developed the standard, said: "The infrared moxibustion-like instrument used in traditional Chinese medicine uses specific wavelengths to treat various diseases, so for these to be effective, and to regulate the market, we decided to develop an International Standard."



## MINDFUL SERVINGS

### A NEW INTERNATIONAL STANDARD FOR DETERMINING INFANT FORMULA INGREDIENTS HAS BEEN PUBLISHED

Serving one of our most vulnerable population groups, the manufacturing of infant formula must adhere to tough regulations before it can arrive on supermarket shelves. Nutritional labelling is heavily regulated, often requiring conformation to the Codex Alimentarius, or Food Code, the international reference for food supplements.

Codex Alimentarius is the Joint Food Standards Programme established by the Food and Agriculture Organization of the United Nations (FAO) and the World Health Organization (WHO). It develops harmonized international food standards that protect consumer health and promote fair practices in the food trade.

ISO, in cooperation with several international industry bodies, is developing a series of International Standards on validated methods of analysis for infant formula, designed to verify these components and, thus, demonstrate compliance with Codex standards.

Published jointly by ISO and the International Dairy Federation (IDF), ISO 21422 | IDF 242 is the result of close collaboration between ISO, the IDF and the independent standards developing organization, AOAC INTERNATIONAL.

Codex Alimentarius, the Joint Food Standards Programme, develops harmonized international food standards that protect consumer health and promote fair practices in the food trade

## READY FOR LIFT-OFF

### FIRST INTERNATIONAL GUIDELINES FOR SMALL SPACECRAFTS JUST PUBLISHED

The small satellites industry is taking off. What's more, forecasts for future spacecraft production, often by new entrants to the industry, look equally celestial.

But producing these spacecrafts involves some very specific requirements that newcomers to the market

ISO/TS 20991 will be of great benefit to small spacecraft developers, as well as launch operators, by providing the minimum requirements to ensure their safety and debris mitigation

may not be aware of. To help harmonize the sector, ISO has just published the first-ever international technical specification for small spacecrafts, which states the minimum requirements that every small spacecraft needs to comply with, regardless of its mission.

Bringing together international expertise, ISO/TS 20991, Space systems – Requirements for small spacecraft, details the requirements for various stages of the small spacecraft system life-cycle.

ISO/TS 20991 will be of great benefit to small spacecraft developers, as well as launch operators, by



providing the minimum requirements to ensure their safety and debris mitigation. It covers everything from the design, launch, deployment, operation and disposal, which will also give newcomers to the industry a means to access space, typically the domain of large companies and governments.

## SERVICE FOR SERVICE

### THE ISO/IEC'S SERVICE MANAGEMENT SYSTEM SERIES GETS AN UPGRADE WITH THE REVISION OF KEY STANDARDS



According to a Forbes report, IT service management is highly important to most executives and a lack of a service management approach hurts competitiveness due to too much time and money spent on ongoing maintenance and management rather than new initiatives.

A service management system (SMS) supports the management of the service life cycle, from planning to delivery and

improvement, offering better value for customers as well as those delivering the service. It gives ongoing visibility, allowing for continual improvement in effectiveness and efficiency.

ISO/IEC 20000-1:2018, Information technology – Service management – Part 1: Service management system requirements, specifies the requirements for an organization to establish, implement, maintain and continually improve an SMS, while ISO/IEC 20000-10:2018, Information technology – Service management – Part 10: Concepts and vocabulary, describes the core concepts and terminology for the whole ISO/IEC 20000 series. The revised versions consider changes in market trends, including the commoditization of services and the management of multiple suppliers by an internal or external service integrator.

A service management system (SMS) supports the management of the service life cycle, from planning to delivery and improvement



## REGULATED FITNESS

### FDA PLANS TO USE ISO 13485 FOR MEDICAL DEVICES REGULATION

ISO 13485, Medical devices — Quality management systems — Requirements for regulatory purposes, is the International Standard for quality management systems for the medical devices sector. Published in 2016, it is designed to work with other management systems in a way that is efficient and transparent. The standard, which is now in its third edition, received strong support from the

FDA, in line with its drive for global convergence of medical device regulatory processes.

ISO 13485, Medical devices — Quality management systems — Requirements for regulatory purposes, is the International Standard for quality management systems for the medical devices sector and got published in 2016

The announcement by the FDA that ISO 13485 will replace its current quality system regulation, is an important next step in the recognition this standard has already gained globally. ISO/TC 210 warmly welcomes the planned adoption by FDA. This ISO technical committee, responsible for the quality management and

corresponding general aspects for medical devices, is run by ANSI, ISO's member in the United States.

The committee Chair, Peter Linders, added that “this bold step by the FDA seems logical, considering the role of ISO 13485 as the foundation for the Medical Devices Single Audit Program (MDSAP), currently operated by Australia, Brazil, Canada, Japan and the USA.”




## ANCHORS AWAY

### ISO GUIDELINES FOR LIFEBOAT SAFETY HAVE BEEN UPDATED

When we climb aboard any kind of boat or ship, we often don't think of the lifeboat hanging off the side. While we hope never to use it, it is essential that it functions as intended and gets everyone to shore should the need arise.

A sea anchor is a vital component to a rescue boat, reducing the likelihood of it drifting away or spinning around, and keeps it steady in the wind. International guidelines for the performance and safety of sea anchors have just been updated to bring them in line with the International Maritime Organization's International Life-Saving Appliance Code.

Robin Townsend, Chair of the ISO technical subcommittee that developed the standard, said, “ISO 17339:2018, Ships and marine technology – Life saving and fire protection – Sea anchors for survival craft and rescue boats, specifies the requirements, including details such as minimum required drag and resistance to weather.” 



*News credits: ISO*

# BIS—THE GLORIOUS PAST



**1**



**4**



**2**



**5**



**3**



**6**

**1** Dr. Lal C. Verman, Director, ISI, with the Japanese Delegation from Suzuki

**2** GC & EC Meeting Reception to Sh. T.T. Krishnamachari, Minister of Industries & Commerce, at Sir Shri Ram's bungalow. Dr. Lal C. Verman with Sir Shri Ram

**3** Shri K.C. Neogy, Member, Planning Commission, visits ISI in September 1953

**4** Inauguration of the road safety week in Delhi by Shri Lal Bahadur Shastri Ji. Dr. Lal C.

Verman was also present on the occasion

**5** Inauguration of the road safety week in Bangalore by Dr. S. Radhakrishnan, Vice-President of India; Dr. Lal C. Verman escorts him

**6** Prime Minister Jawaharlal Nehru performs the foundation stone laying ceremony of the Indian Standards Institution near Mathura Road (Delhi) on August 21, 1954



**7****8****9****10**

**7** Shri T.T. Krishnamachari presides over the annual meeting of the General Council of ISI in Delhi in August 1954. Also present are Sir Shri Ram, Vice-President, Sri K.C. Neogi, Member, Planning Commission, Dr. Verman, Director, ISI, and Shri H.V.R. lyengar, Secretary, Union Ministry of Commerce and Industry

**8** Engineering Division Council (EDC) Dr. Lal. C. Verman at the first meeting

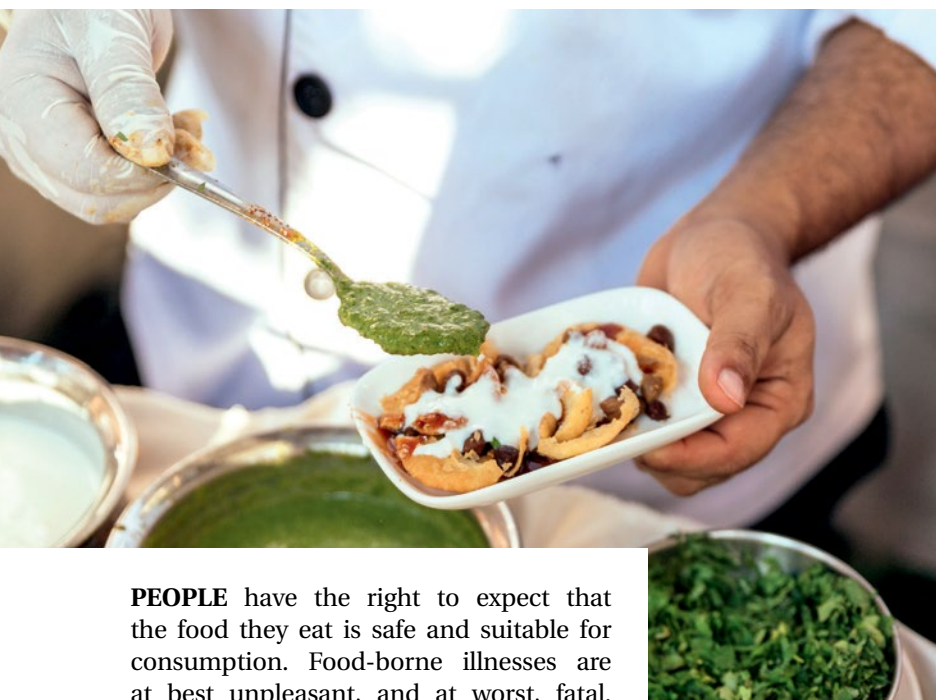
**9** Reception to the members of the International Low-Cost Housing Exhibition. Prime Minister Jawaharlal Nehru visits the ISI stall at the International Low-Cost Housing Exhibition in New Delhi

**10** Dr. Lal C. Verman explains the working of modular coordination in buildings with the help of a model. Sardar Swaran Singh, Minister for Works, Housing & Supply, is seen listening keenly

# STREET FOOD VENDORS

Ensuring safety of food handled by street  
food vendors through standards

BY ANIL KAPRI & P. RAJESH



**PEOPLE** have the right to expect that the food they eat is safe and suitable for consumption. Food-borne illnesses are at best unpleasant, and at worst, fatal. There are also other consequences, such as damage to trade, which may lead to loss of earnings, unemployment and litigation. Food spoilage is wasteful, costly and can adversely affect trade and consumer confidence. To ensure good health and safety from diseases, the most crucial needs for citizens are safe water and food.

However, unfortunately, till recently, the monitoring parameters, as approved, were complex and needed laboratory investigations along with proper sampling

procedures. This was exceedingly difficult and nearly impossible due to lack of adequate number of trained manpower to collect samples, conduct laboratory analysis, etc., which was a lengthy and complicated procedure.

Food products, raw/prepared and ready to eat, are sold at various places like railway stations, bus terminals, school premises, *melas*, road-side *dhabas* and bazaars by street food vendors. The street food business, which serves as a means of livelihood for millions of people in the country, also plays an important role by serving food at an affordable price to the lower and middle income group. It also serves as the only source of food to millions of migrant workers in metropolitan cities. It









## SAFETY OF THE STREET FOODS IS AN AREA OF PRIORITY AND THE REASONS ARE WELL KNOWN

- Street foods are sold in the open, so they can easily get contaminated.
- Street foods are the cheapest food source, so quality is often compromised.
- Street food vendors do not need any training or awareness generation to open a stall.
- Street food vendors have very limited access to safe water in adequate amounts.
- Street food stalls often lack hygiene and cleanliness, and are often placed in unclean areas.
- Street food customers, being poorly informed, do not look for safety and hygiene parameters.
- Street food customers are often from the neediest communities, so any disease or infection can severely damage their already poor health status.





has been observed that these hawkers do not maintain proper hygienic conditions, which leads to food poisoning in common consumers.

Unless proper hygienic norms are adopted, the consumption of such foodstuffs may be a potential health hazard to consumers. Frequent heating and reheating of the food products by the vendors also leads to contamination. Lack of education/awareness also adds to this problem. There is scope for improving the hygienic conditions for such food vendors.

Street food business, which serves as a means of livelihood for millions of people in the country, also plays an important role by serving food at affordable prices



#### LAWS AND POLICIES ON STREET VENDORS

State legislations relating to street vendors are varied. Most municipalities provide licenses to street vendors. Imphal has the most progressive legislation for street vendors. The Manipur Town Planning and Country Planning Act 1975 provides that in residential areas, there should be a provision for four to six shops and ten hawkers for every 1,000 persons. The Bhubaneswar Development Authority has reserved three percent of the public space as commercial zone. Shops are allotted in this zone on a draw of lots. Space is also reserved on the pavement for street vendors.

The Government of India adopted the National Policy on January 20, 2004, which reflects a landmark change in the perception of the street vendors – moving from 'prohibition' to 'regulation.' The introduction to the National Policy on Urban Street Vendors 2004 states: "Street vending as a profession has been in existence in India since time immemorial. However, their number has increased manifold in the recent years... The role played by the street vendors in the economy, as also in the society, needs to be given due credit but they are considered as unlawful entities and are subjected to continuous harassment by civic authorities."

*Source: wiego.org*









## THE STREET VENDORS ACT 2014

The Street Vendors (Protection of Livelihood and Regulation of Street Vending) Act 2014 is a pioneering initiative to protect the livelihood rights and social security of urban street vendors in the country and thereby aid poverty alleviation efforts of the Government. The Act aims at fostering a congenial environment for the urban street vendors to carry out their activities without harassment from any quarter. It also provides for the regulation of urban street vending and is uniformly and mandatorily applicable to all the states and union territories.

Source: mohua.gov.in



It is expected that IS 16066:2017 will be of considerable assistance to local health authorities in enforcing proper hygienic conditions in the interest of public health

To address the above issues, Indian Standard IS 16066 on the food safety requirements for street food vendors was first published in 2012 to fulfil this long felt need, and follows the food chain from primary production to final consumption, highlighting the key hygiene controls at each stage. During the formulation of this standard, considerable assistance was derived from CII publication, namely 'CII-14 Points check on food safety for street vended food, Version 1.0'.

Thereafter, the first revision of this standard was carried out in 2017 to incorporate grading of street food vendors based on the checklist on the basis of compliance to the requirements of the standard so as to make it an auditable and implementable standard. In the finalization of grading criterion and star rating of street food vendors, considerable assistance was derived from the guideline on Management and Grading of Street Foods document prepared by Professor (Dr.) Indira Chakravarty, Chief Advisor, PHED, Government of West Bengal.

It is expected that IS 16066:2017 will be of considerable assistance to local health authorities in enforcing proper hygienic conditions in the interest of public health. 🏠

—The authors are from the Food & Agriculture Department,  
Bureau of Indian Standards



# ISO 22000 FAMILY: FOOD SAFETY MANAGEMENT

DISCOVER THE  
SPECIFICATIONS AND  
STANDARDS FOR  
FOOD SAFETY  
MANAGEMENT SYSTEMS  
SPECIFIED BY THE ISO  
BY PALLAVI SINGH



THE ISO 22000 family of International Standards addresses food safety management. The consequences of unsafe food can be serious and ISO's food safety management standards help organizations identify and control food safety hazards. As many of today's food products repeatedly cross national boundaries, International Standards are needed to ensure the safety of the global food supply chain.

## **ABOUT ISO 22000**

ISO 22000 ensures fair competition and that conditions regarding trade, communication, requirements, etc. originate from a common frame. However, the global food industry is constantly developing, and there is a need for a generic standard such as ISO 22000 to cover the entire food chain from primary production to consumption.

ISO 22000 has an advantage over the many private standards as it covers the whole organization. ISO 22000 contributes to ensure food safety throughout the whole food chain from farm to table. This is essential as hazards can occur at any stage of the food chain.

ISO 22000 accommodates communication along the food chain and within the organization. Communication is required to ensure that all relevant food safety hazards are identified and adequately controlled at each step of the food chain. This requires communication between organizations both up and down the food chain.

The aim of ISO 22000 is to harmonize on a global level the requirements for food safety management. It is particularly intended for application by organizations that seek a more focused, coherent and integrated food safety management system than is normally required by law. It requires the organization to meet any applicable food safety related statutory and





regulatory requirements through its food safety management system.

Last but not the least, ISO 22000 supports the UN Sustainable Development Goals aiming to reduce food-borne diseases and support better public health.

#### THE PURPOSE OF ISO 22000

ISO 22000:2018 sets out the requirements for a food safety management system and can be certified for the outlets that wish to abide by it. It maps out what an organization needs to do to demonstrate its ability to control food safety hazards in order to ensure that food is safe. It can be used by any organization regardless of its size or position in the food chain. ISO 22000 has been revised; the new version was published in June 2018.

#### ISO 22000

Food safety management systems — Requirements for any organization in the food chain. This standard has been revised by ISO 22000.

ISO 22000 specifies requirements for a food safety management system where an organization needs to demonstrate its ability to control food safety hazards in order to ensure that food is safe at the time of human consumption.

It is applicable to all organizations, regardless of size, that are involved in any aspect of the food chain and want to implement systems that consistently provide safe products. The means of meeting any requirements of ISO 22000 can be accomplished through the use of internal and/or external resources.

#### ISO 22000 SPECIFIES REQUIREMENTS TO ENABLE AN ORGANIZATION

- To plan, implement, operate, maintain and update a food safety management system aimed at providing products that, according to their intended use, are safe for the consumer
- To demonstrate compliance with applicable statutory and regulatory food safety requirements
- To evaluate and assess customer requirements and demonstrate conformity with those mutually agreed customer requirements that relate to food safety, in order to enhance customer satisfaction
- To effectively communicate food safety issues to their suppliers, customers and relevant interested parties in the food chain
- To ensure that the organization conforms to its stated food safety policy
- To demonstrate such conformity to relevant interested parties
- To seek certification or registration of its food safety management system by an external organization, or make a self-assessment or self-declaration of conformity to ISO 22000. 

– The writer is a research scholar at the Jawaharlal Nehru University, New Delhi,





# A DEFINITE GUIDE TO STREET FOOD ACROSS THE COUNTRY

Street food, across the world, has found a dynamic resurgence but perhaps nowhere more so than in India. Today, street and regional foods rule the roost; thankfully, there's also space for others but the street just can't be beaten. Street food is exciting, it uses loud and strong tastes to make an impact. It has no pretensions and, therefore, it hits the spot every time. In fact, the only rule for street food is that it should be tasty. Like it or not, street food will always be king

BY ROCKY SINGH

**BHEL PURI** Puffed crispy rice, sweet red and spicy green chutney, fresh chopped onions, chillies and boiled potato, a spoonful of roasted peanuts, a little sprinkle of *sev* (deep-fried *besan* or chickpea flour) topped with fresh coriander. That is what makes for a good *bhel puri*. I wish I could be more specific but the recipe changes in many small and big ways for every vendor of this mighty street food wherever you go in the country. But nowhere is it as good as on Mumbai's streets.

**OSMANIA BISCUIT & IRANI CHAI** When in Hyderabad, you must visit the Charminaraan, as the Charminar is called here, and walk 50 yards on to find Nimrah Café and Bakery. The Osmania biscuit and Irani chai here will leave







a lasting impression on you. It's a legend of Hyderabad and you can choose to grab your tea and beeskut, and step out of the shop to gaze in awe at the spectacular Charminar.

**THE PHUCHKA** in West Bengal is the same beast with subtle differences. The potato is mashed, the chutneys are sweeter and the paani has a completely different character with a lower chilli quotient. People in Kolkata swear by Dilipda's Phuchkas at Vivekananda Park. And, if you think I'm going to be drawn into the debate of whether they're better than the Delhi *gol gappa* or not, you're mistaken.



**PAAN** A betel leaf that encloses a betel nut along with a dash of lime. That's the basic recipe for *paan* and from Arunachal Pradesh to Kerala, it is available everywhere. It can be bought for a few rupees, though when you try the couples' *paan* at Tara Pan Centre in Aurangabad, be prepared to dish out ₹5,000; there's even a *paan* for ₹10,000 here which will reputedly do more for your taste-buds than ISRO did for the Mars Mission. *Paan* is a favourite post-dinner digestive across India and you'll never be more than 30 metres from a *paan* shop in any city or town.





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**KATHI ROLL** The British loved the taste of Indian street food and were great fans of the kebab and *parantha*. The problem was, they were not very good at eating this delicious preparation with their hands, or so the story goes. An enterprising young man then decided to put the kebabs on a wooden disposable stick or skewer called a *kathi*. He then proceeded to deliver the *parantha* (flat pan-fried bread) with onions and chutney at the table for them, along with a single or double *kathi* with kebabs on it. The taste was amazing and the concept caught on and the *kathi* roll was born. Visit



the original Nizam's in the New Market area of Kolkata, which still does one of my favourite rolls in the city.

**CHOLE BHATURE** It's sacrilege to not pig out on *chole bhature* and butter chicken when you're in Punjab. Amritsar is a foodie's paradise, and the roads here are choc-a-bloc with quaint eateries and *dhabas*. Kanha Sweets is your go-to spot for the ubiquitous *chole bhature*.

**KULFI** Most people think of street foods as savoury and spicy but that truly loved taste, sweet, is extremely popular across India. There are thousands of various sweets available across the country but I have picked the Asharfi Kulfi of Ahmedabad to represent this taste. A variety of flavours and a flair for presentation, this one being shaped like a thick flat coin, makes this *kulfi* unique.

**EGGS** India knows the answer to a question that has been boggling people globally. The egg comes first. Come sundown and eggs are boiled, poached, scrambled, added to *paranthas*, noodles, rice, sandwiches and so on. The variations are endless, but one place where the humble egg reaches its zenith is the Raju Omelette Centre in Vadodara. Any egg you order will be prepared with a whole bunch of spices and will float in butter before gliding its way onto your plate. When you go, be prepared to wait, it's amazingly popular.



**MISAL PAV** Crunchy *sev*, *mota* (fat) *sev*, puffed rice, onions, chillies, tomato and *sev* sprinkles are piled up in a bowl. It's big on taste and spice and it's like a nuclear weapon. We then add a hot thin curry called the *rassa* which is poured on top and your nuclear weapon is now fully armed and primed. It's served with a *pav* or bread, though the Bedekar Tea Stall in Narayan Peth in Pune serves it with a double or sliced bread.

**FARSAN** To be born in Surat and to die in Kashi, both are ways to heaven. One of the reasons that saying is so true is the Jani Farsan in Surat. Dig into real *dhokla*, *locha*, *fafda*, *thepla*, Chinese *samosa* and an incredible variety of stunningly delicious snacks. All the food here hits the Gujarati palate spot on but with its *khatta/meetha/chatpata* flavours, it is a heavenly experience for all taste buds.

**LASSI** The best *lassi* ever can be had at Amritsar's most famous *lassi* shop, Ahuja Lassi. Served with a thick layer of cream in a gigantic glass, this is probably a meal in itself.

**DOSA** Tamil Nadu is Dosa Central. It's hard to pick a favourite in a city like Chennai where every second restaurant whips up scrumptious *dosas*, but Mami Kadai, a cubbyhole in Mylapore, does it home-



style. The numerous street carts by the city's beaches are also great options.

**DAHI BHALLA** An *urad* and *moong dal* mix is fried to make soft dumplings called *bhallas* which are then mixed with fresh yoghurt and chutneys along with a sprinkling of spice to produce the mighty *dahi bhalla*. Good ones are available across the country but the ones in Sendra, Rajasthan, on the Ajmer-Jodhpur road, are probably the best.

**LITTI CHOKHA** This is a staple of Bihar. The *litti* are small wheat balls, stuffed with *sattu* (chickpea flour) and condiments and then slow-roasted over coals and served dipped in ghee or clarified butter. Accompanying them is the *chokha*, made





typically of aubergine and/or potato. Have it at Purani Litti Dukaan in Patna.

**VADA PAV** A simple dumpling made of potato and *besan* is pressed between a fresh *pav* along with *sukhi* chutney (a red chilli powder and peanut mix) and served hot from being deep-fried in oil. Best had at the Ashok Vada Pav in the Kirti College lane in Dadar, Mumbai.

**PAV BHAJI** Another popular Mumbai/



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Like it or not street food will always be king



Maharashtra and Gujarat snack that's gone on to conquer all of India is the *pav bhaji*. A hot broth of mixed vegetables mashed with spices and served with a ton of butter and hot *pav* gives you the energy to keep going all day. The one at Sardar Refreshments in Mumbai is a must-have.

**IDLI AND CHUTNEY** This humble steamed rice dumpling is easy to make but almost impossible to produce perfectly. The Murugan Idli shops across Chennai do the perfect *idli*. They are served with fresh and wonderful chutneys.

**SHIKANJI** Come summer and India survives on *nimbu paani* or fresh lime water. The Jain Shikanji in Modinagar, Uttar Pradesh, on the Delhi-Meerut road makes the most memorable *shikanji* I have ever had. It uses spices to make a great blend and the spices can be bought to replicate the taste at home. 🏠

—The author is a traveller and food lover besides being the co-anchor of popular TV shows on food and travel





# THE BEST OF DELHI'S STREET FOOD



Delhi may have flourished as the 'food capital of the country' over the years, but if you want to get a true taste of what this city has to offer, with history that mixes with varied ingredients in the cooking pan—you have to come to the streets of Delhi

BY SUSHMITA SRIVASTAV

for steaming hot and spicy *aloo wale chole* served with deep fried *bhature*, head to the 60-year-old Bille di Hatti. The nearby Gopal Sweets Corner is famous for its *bedmi puri* that can be enjoyed with a huge glass of *lassi*. Their *rasmalai*, *samosa* and bread *pakora* here are equally popular. However, if you are willing to snake your way through crowds, reach Nutkhut Chat Corner in the inner lanes of Kamla Nagar, which is a hub for street food—once there, the choice is varied—*pav bhaji*, *paneer tikka*, *soya chaap*, *chaat*, *golgappe*, *gola*, *chole kulche* and more.



## NORTH

**KAMLA NAGAR:** Tom Uncle's Maggi Point near Ramjas College is the *adda* for every DU student here since 1978 and has been serving Maggi, pasta, shakes and more. Try their Cheese Masala Maggi or All-In-One Maggi with a glass of Jeera Masala Soda. One of the 15 outlets of Chowringhee here serves rolls worth having, offering options from vegetarian, mushroom, egg, chicken and more. If you have a craving

## SOUTH

**CR PARK:** Enter Market 1 and the first thing that catches your attention will be the inviting Chinese Chaat stalls. These stalls dish out Indian-style chilli chicken manchurian, honey chilli potatoes, spring rolls, noodles and more in a single plate to satiate your *desi* taste buds. Make your way to the unnamed stall just before the Bengal Snacks store and you will find yourself drooling over authentic mutton *ghughni*.



A few steps ahead in a corner, sits Bablu with his *tokri*, selling *jhalmuree*—puffed rice tossed with roasted peanuts, onions, tomatoes, chillies, *sev* and spices. The nearby Rabi Snack Corner has egg chicken roll, fish cutlet, *mocha* chop, mutton chop, *shukti maach* and other fritters on its menu. The 15-year-old Aristocrat Sweet Shop is famous for the Shanti Bhog. *Mishti doi*, *chhenar payesh*, *ras kodom* are other popular desserts.

**AMAR COLONY AND CENTRAL MARKET OF LAJPAT NAGAR:** Start with the spicy Indian-style Chinese, sandwiches and pastries at Golden Fiesta, a well-lit, tiny eatery at the entrance of Central Market. The unnamed store (though popularly called the Big Store) in the middle of the bustling street is worth the hustle for its melt-in-the-mouth *dahi bhalle* and a filling plate of *kadhi chawal*. Dolma Aunty Momos has probably been the reason why uninterested partners of shoppers agree to tag along. Another reason might be the many street stalls selling *Ram laddoos* and *mirch ke pakode* with *pudina chutney* and ice-cold glass of refreshing soda and *shikanji*. Ram Palace at the rear-end of the market is popular for its *jhakkas pav bhaji* and *vada pav*. Rama Palace Pakode Wale have some amazing *moong dal ke*



It is not just shopping bargains that draw people to the bustling Central Market of Lajpat Nagar. The crammed lanes here are home to some of the most loved street food joints and stalls

*pakode* to offer. The swanky lane right in the heart of Amar Colony will welcome you with a huge board announcing Hunger Strike. The joints here have plenty to offer, from perfectly smoked Tandoori and super creamy Afghani momos to buttery *malai* and tangy *achari chaap*. At the Sharma Chaat Bhandar, people are seen queuing up for *bhalle papadi* and *golgappe*. Biryani Corner serves finger-licking chicken biryani. Wash it all down with a chilled bottle of *badam* milk offered by Ram Bharose Gupta. His 40-year-old cart sells over 300 bottles of *badam* milk and around 250 plates of *rabdi falooda* on any given day. Insta Freeze offers dozens of flavours in ice-cream rolls served in cones and waffle baskets.



## CENTRAL

**CHANDNI CHOWK:** A swift left turn from Gate 1 of Jama Masjid will drop you straight to Al Jawahar and the famous Karim's—the icons for Mughlai cuisine. Another neighbouring icon is Qureshi Kebab Corner that dishes out mouthwatering *seekh kebabs* with *roomali roti*. Snake your way past Meena Bazaar through the labyrinthine lanes and reach Parathe Wali Gali in Chandi Chowk with shops that have been selling deep fried *parathas* since 1875. Head to Bishan Swaroop Chaat Wala for some amazing fruit *chaat* and *aloo ke kulle*. Try Fateh Ki Kachori for a burst of flavours jam-packed in *masala kachori* with chutneys and *meethi dahi* poured over it. Hazari Lal Jain Khurchan Wale in Kinari Bazaar is popular for thick milk sweets like *khurchan* and *rabdi*. At Chawri Bazaar, Pandey's Brajwasi Bhandar offers milk delicacies such as *malai dudh*, *lassi*, *malai rabdi* and *khoye ki barfi*.

## WEST

**RAJOURI GARDEN:** Located in the middle of the main market, Atul Chat Corner offers crispy *aloo chole ki tikki* with *dahi* and tangy *chutneys*. Stop at Amritsari Kulcha Wala for super crispy, butter smeared Amritsari *kulcha* perfectly smoked in a tandoor and served with *chole*, *dahi raita* and *mirchi wale pyaaz*. Down this with a glass of thick, *malaiwali lassi*. Make your way to neighbouring Tilak Nagar market and treat yourself with a platter of *kebabs* from New Chawla's.

**KAROL BAGH:** The first thing perhaps that comes to mind when you enter Karol Bagh market is Roshan Di Kulfi, which has been around since 1951. Choose from many flavours of *kulfi*, ranging from chocolate to



mango to the best seller *kesar pista*. Over three decades old, Om Corner is the most famous pick for *chole bhature* and special *rajma masala* in the vicinity. Standard Juice Corner is your stop for mango shake topped with dry fruits and ice-cream. Desi-style macaroni and penne pasta and steaming hot chicken momos are the specialties that make Janaki and Kulmagar's stall near metro station popular among college-goers. Nearby, Kanhaiya Bhaiya's *pav bhaji* is a buttery, fiery version of the dish.

## EAST

**LAXMI NAGAR:** The 26-year-old Shree Ganesh Corner—a little shop under the foot-overbridge opposite the main market, might be popular for its *chole bhature*, but the *masala kachori* is what you need to have here. Across the road there are many options from street-style *desi* chowmein and bun omelette to *litti chokha* and zesty rolls. Try the chicken roll at Bharat Stall near V3S Mall. Shyaam Lassi near the metro station offers flavoured *lassi* prepared in a traditional way, topped with a layer of *malai*, garnished with dry fruits and served in a *kulhad*.

**SHAHNAGAR:** The *chole bhature* with pickled chillies at Sharma Bhature Wala is so addictive that it is often referred to as '*afeem wale chole bhature*' by locals. Bhole Shankar Kachori Wala loads your plate of *kachori* with *chole*, dry fruits, tangy mint chutney, tamarind chutney, onions and green chillies. The filling of raw banana adds a new flavour to the dish. The Jain Chaanch Bhandar has been serving refreshing *chaanch* (buttermilk) for six decades. For sweets, head to Hira Lal and Sons, established in 1912 at Chhota Bazaar for *balushahi* and *patisa* and Bansal Sweets for crisp, golden *imarti* and *jalebi*. 🏠

—The author is a travel and adventure enthusiast and is associated with Discover India Magazine





# STANDARDS FIRST

THE LIST OF INDIAN STANDARDS PUBLISHED/REVISED

No.,Year & Title of the Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 11737 : 1996 Industrial Bag Stitching Machine – Specification (First Revision)	आई एस 11737 : 1996 औद्योगिक बैग सिलाई मशीन – विशिष्टता (पहला संशोधन)
Date of Establishment संशोधन की संख्या और तिथि	1 Feb. 2018	1 फरवरी 2018
No. & Year of the Amendment संशोधन की तिथि एवं वर्ष	Amendment No 1 January 2018	संशोधन संख्या 1 जनवरी 2018
Date of Cancellation रद्द होने की तिथि	1 Feb. 2018	1 फरवरी 2018
No.,Year & Title of the Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 13360 (Part 3/Sec 4) : 1995 Plastics – Methods of Testing Part 3 Physical and Dimensional Properties Section 4 Determination of Bulk Factor of Moulding Materials	आई एस 13360 (भाग 3 /सेक 4): 1995 प्लास्टिक – परीक्षण के तरीके भाग 3 भौतिक और आयामी गुण धारा 4 मोल्डिंग सामग्री के थोक कारक का निर्धारण
Date of Establishment संशोधन की संख्या और तिथि	1 Feb. 2018	1 फरवरी 2018
No. & Year of the Amendment संशोधन की तिथि एवं वर्ष	Amendment No. 1 January 2018	संशोधन संख्या 1 जनवरी 2018
Date of Cancellation रद्द होने की तिथि	1 Feb. 2018	1 फरवरी 2018
No.,Year & Title of the Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 14506 : 1998 Epoxy Redoxide Zinc Phosphate Weldable Primer, Two Component – Specification	आई एस 14506:1998 इपॉक्सी रेडॉक्साइड जिंक फास्फेट वेल्डेबल प्राइमर, दो घटक-प्रसार
Date of Establishment संशोधन की संख्या और तिथि	1 Feb. 2018	1 फरवरी 2018
No. & Year of the Amendment संशोधन की तिथि एवं वर्ष	Amendment No 1 January 2018	संशोधन संख्या 1 जनवरी 2018
Date of Cancellation रद्द होने की तिथि	1 Feb. 2018	1 फरवरी 2018
No.,Year & Title of the Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16490 : 2016 Led destination Board System for Buses – Specification	आई एस 16490: 2016 बसों के लिए एलईडी गंतव्य बोर्ड सिस्टम – विशिष्टता
Date of Establishment संशोधन की संख्या और तिथि	1 Feb. 2018	1 फरवरी 2018
No. & Year of the Amendment संशोधन की तिथि एवं वर्ष	Amendment No 1 January 2018	संशोधन संख्या 1 जनवरी 2018
Date of Cancellation रद्द होने की तिथि	1 Feb. 2018	1 फरवरी 2018

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 3768 : 1996 Ventilation Ducting– Vinyl Coated, Flexible and Semi-Rigid– Specification (Second Revision)	आई एस 3768: 1996 वेंटिलेशन डक्टिंग-विनाइल कोटेड, फ्लेक्सिबल और सेमी-रिगिड- स्पेसिफिकेशन (दूसरा संशोधन)
Date Of Establishment संशोधन की संख्या और तिथि	16 Feb. 2018	16 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	Amendment No. 2 January 2018	संशोधन संख्या 2 जनवरी 2018
Date Of Cancellation रद्द होने की तिथि	7 Mar. 2018	7 मार्च 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 13428 : 2005 Packaged Natural Mineral Water– Specification (Second Revision)	आई एस 13428: 2005 पैकेज्ड नेचुरल मिनेरल वाटर 28 स्पेसिफिकेशन (दूसरा संशोधन)
Date Of Establishment संशोधन की संख्या और तिथि	16 Feb. 2018	16 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	Amendment No. 5 January 2018	संशोधन संख्या 5 जनवरी 2018
Date Of Cancellation रद्द होने की तिथि	16 Feb. 2018	16 फरवरी 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 14611 : 2016 Multi-layered Cross Laminated Sheets/ Tarpaulins/Covers/ Agricultural Films– Specification (First Revision)	आई एस 14611: 2016 बहु-स्तरीय क्रॉस लैमिनेटेड शीट्स / टारपोलिन / कवर / कृषि फिल्मस तम विशिष्टता (पहला संशोधन)
Date Of Establishment संशोधन की संख्या और तिथि	16 Feb. 2018	16 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	Amendment No. 2 January 2018	संशोधन संख्या 2 जनवरी 2018
Date Of Cancellation रद्द होने की तिथि	16 Feb. 2018	16 फरवरी 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 15100 : 2018 Multifunction Valve Assembly for Permanently Fixed Liquefied Petroleum Gas (LPG) Containers for Automotive Use– Specification (First Revision)	आई एस 15100: 2018 मल्टीफंक्शन वाल्व असेंबली फॉर परमानेंटली फिक्स्ड लिक्विफाइड पेट्रोलियम गैस (एल पी जी) कंटेनर्स के लिए ए यू - टमोटोर यूज-स्पेसिफिकेशन (फर्स्ट रिवीजन)
Date Of Establishment संशोधन की संख्या और तिथि	13 Feb. 2018	13 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 15100 : 2001 Multifunction Valve Assembly for Permanently Fixed Liquefied Petroleum Gas (LPG) Containers for Automotive Use	ऑटोमोटिव उपयोग के लिए स्थायी रूप से फिक्स्ड लिक्विफाइड पेट्रोलियम गैस (एल पी जी) कंटेनर्स के लिए 15100: 2001 मल्टीफंक्शन वाल्व असेंबली
Date Of Cancellation रद्द होने की तिथि	12 Aug. 2018	12 अगस्त 2018

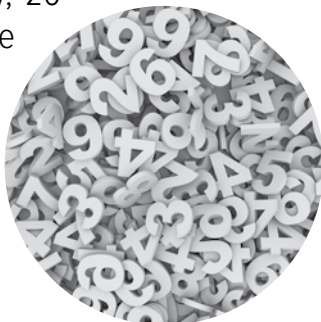


No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 326 (Part 27):2018 Methods of Sampling and Test for Natural and Synthetic Perfumery Material Part 27 General Rules for Labelling And Marking of Containers	आई एस 326 (भाग 27): 2018 प्राकृतिक और संश्लेषित इत्र सामग्री के लिए नमूने और परीक्षण के तरीके भाग 27 कंटेनर के लेबलिंग और अंकन के लिए सामान्य नियम
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 1448 (Part 159): 2018/ ISO 20884 : 2011 Methods of Test for Petroleum and its Products (P : 159) Determination of Sulphur Content of Automotive Fuels- Wavelength- Dispersive X-Ray Fluorescence Spectrometry	आई एस 1448 (भाग 159): 2018 / आई एस ओ 20884: 2011 पेट्रोलियम और उसके उत्पादों के लिए परीक्षण के तरीके (पी: 159) स्वचालित ईंधन के सल्फर सामग्री का निर्धारण- तरंगदैर्घ्य- डिस्पर्सिव एक्स-रे प्रतिदीप्ति स्पेक्ट्रम
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं

## NEWS YOU CAN USE

## THE NUMBERS

During the month of July, 26 BIS sectional committee meetings were held and 29 new standards were formulated and 14 standards were revised. Besides, 98 draft standards were issued for wide circulation and 19 draft standards were finalized. During the month, 161 standards were reviewed and 159 standards were reaffirmed. As on July 25, 2018, 19670 standards were in force. During July 2018, 510 ballots from ISO were received and 310 ballots were sent within due date. Similarly, 74 ballots from IEC were received and 74 were sent within due date.



No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 3025 (Part 66):2018/ ISO 11885:2007 Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 66 Determination of Selected Elements by Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES)	आई एस 3025 (भाग 66): 2018 / आई एस ओ 11885: 2007 पानी और अपशिष्ट जल के लिए नमूना और परीक्षण (भौतिक और रासायनिक) के तरीके 66 अनुचित रूप से प्लाज्मा ऑप्टिकल उत्सर्जन स्पेक्ट्रोमेट्री (आई सी पी- ओ ई एस) द्वारा चयनित तत्वों का निर्धारण
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 3025 (Part 67) : 2018/ISO 15061:2001 Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 67 Determination of Dissolved Bromate- Method by Liquid Chromatography of ions	आई एस 3025 (भाग 67): 2018 / आई एस ओ 15061: 2001 पानी और अपशिष्ट जल के लिए नमूना और परीक्षण (भौतिक और रासायनिक) के तरीके 67 भंग किए गए ब्रोमेट का निर्धारण - आयनों की तरल क्रोमैटोग्राफी द्वारा विधि
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 3025 (Part 69):2018/ ISO 8245:1999 Methods of Sampling and Test (Physical and Chemical) for Water and waste water Part 69 Total Organic Carbon and Dissolved Organic Carbon	आई एस 3025 (भाग 69): 2018 / आई एस ओ 8245: 1999 पानी और अपशिष्ट जल के लिए नमूना और परीक्षण (भौतिक और रासायनिक) के तरीके भाग 69 कुल कार्बनिक कार्बन और डिस्क-समाधान कार्बनिक कार्बन
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 3025 (Part 70):2018/ ISO 9562:2004 Methods of Sampling and Test (Physical and Chemical) for Water and waste water Part 70 Adsorbable Organically Bound Halogens (AOX)	आई एस 3025 (भाग 70): 2018 / आई एस ओ 9562: 2004 पानी और अपशिष्ट जल के लिए नमूना और परीक्षण (भौतिक और रासायनिक) के तरीके भाग 70 अवशोषित सक्षम रूप से व्यवस्थित हलोजन (ए ओ एक्स)
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं



## NEWS YOU CAN USE

# PRODUCT CERTIFICATION

During the month, 365 new certification licences were granted, 331 expired and 27 were cancelled, thereby bringing the number of operative licences to 34394. As on July 25, 2018, total number of standards covered under product certification was 956. During July 2018, 1133 surveillance inspections were carried out. In addition, 756 inspections for clearing lots of LPG, CNG & Industrial Gas Cylinders/ Valves/ Regulators and 243 other inspections like resumption of marking, inclusion by factory testing, shifting of premises, etc. were conducted



No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 3746 : 2018 Graphical Symbols for Coal Preparation Plant (Second Revision)	आई एस 3746: 2018 कोयला तैयारी संयंत्र के लिए ग्राफिकल प्रतीक (दूसरा संशोधन)
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. And Year Of The Amendment संशोधन की तिथि एवं वर्ष	IS 3746 : 1966 Graphical Symbols for Coal Preparation Plant (First Revision)	आई एस 3746: 1966 कोयला तैयारी संयंत्र के लिए ग्राफिकल प्रतीक (पहला संशोधन)
Date Of Cancellation रद्द होने की तिथि	20 Feb. 2018	20 फरवरी 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 6263 : 2018 Volatile Corrosion Inhibitor (VCI) Treated Paper-Specification (First Revision)	आई एस 6263: 2018 वाष्पशील जंग अवरोधक (वी सी आई) उपचारित कागज-विशिष्टता (पहला संशोधन)
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. And Year Of The Amendment संशोधन की तिथि एवं वर्ष	IS 6263 : 1972 Specification for Volatile Corrosion Inhibitor (VCI) Treated Paper	आई एस 6263: 1972 वाष्पशील जंग अवरोधक (वी सी आई) उपचारित कागज के लिए विशिष्टता
Date Of Cancellation रद्द होने की तिथि	20 Feb. 2018	20 फरवरी 2018

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 8263 : 2018/IEC 60437 Radio Interface Test on High-Voltage Insulators (First Revision)	आई एस 8263: 2018 / आई ई सी 60437 रेडियो इंटरफेस टेस्ट हाई-वोल्टेज इंसुलेटर (पहला संशोधन) पर
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. And Year Of The Amendment संशोधन की तिथि एवं वर्ष	IS 8263 : 1976 Method for Radio Interference Test on High-Voltage Insulators	आई एस 8263: 1976 हाई वोल्टेज इंसुलेटर पर रेडियो इंटरफेरेंस टेस्ट के लिए विधि
Date Of Cancellation रद्द होने की तिथि	20 Feb. 2018	20 फरवरी 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 8704 : 2018/IEC 60507 : 2013 Artificial Pollution Test on High-Voltage Ceramic and Glass Insulators to be Used on a.c. Systems (Second Revision)	आई एस 8704: 2018 / आई ई सी 60507: 2013 हाई-वोल्टेज सिरेमिक और ग्लास इंसुलेटर पर कृत्रिम प्रदूषण परीक्षण। सिस्टम (दूसरा संशोधन)
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. And Year Of The Amendment संशोधन की तिथि एवं वर्ष	IS 8704 : 1995/IEC Pub 507 : 1991 Artificial Pollution Test on High-Voltage Insulators to be Used on a.c. Systems (First Revision)	आई एस 8704: 1995 / आई ई सी 507: 1991 उच्च-वोल्टेज आयु के इंसुलेटर्स पर कृत्रिम प्रदूषण परीक्षण। सिस्टम (पहला संशोधन)
Date Of Cancellation रद्द होने की तिथि	20 Feb. 2018	20 फरवरी 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 8865:2018/ISO 2451:2014 Cocoa Beans-Specification (Second Revision)	आई एस 8865: 2018 / आई एस ओ 2451: 2014 कोको बीन्स-विनिर्देश (दूसरा संशोधन)
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. And Year Of The Amendment संशोधन की तिथि एवं वर्ष	IS 8865:2003/ISO 2451:1973 Cocoa Beans-Specification (First Revision)	आई एस 8865: 2003 / आई एस ओ 2451: 1973 कोको बीन्स-विशिष्टता (पहला संशोधन)
Date Of Cancellation रद्द होने की तिथि	20 Feb. 2018	20 फरवरी 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 10109 : 2018 Oil Pressure Stoves – Offset Burner Type – Specification (Second Revision)	आई एस 10109: 2018 तेल दबाव स्टोव – ऑफसेट बर्नर प्रकार – विशिष्टता (दूसरा संशोधन)
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. And Year Of The Amendment संशोधन की तिथि एवं वर्ष	IS 10109 : 2002 Oil Pressure Stoves – Off- set Burner Type – Specification (First Revision)	आई एस 10109: 2002 ऑयल प्रेशर स्टोव – आफ-सेट बर्नर टाइप – स्पेसिफिकेशन (पहला संशोधन)
Date Of Cancellation रद्द होने की तिथि	20 Feb. 2018	20 फरवरी 2018



No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 10190 : 2018 ISO 1708 : 1989 Acceptance Conditions for General Purpose Parallel Lathes-Testing of the Accuracy (First Revision)	आई एस 10190: 2018 / आई एस ओ 1708: 1989 सामान्य प्रयोजन के समानांतर स्वीकृति के लिए शर्त स्वीकार करना- सटीकता का परीक्षण (पहला संशोधन)
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 10190 : 1982 Test Chart for copying lathes with horizontal spindles-lathes with swing over bed upto 500mm and distance between centres upto 1500mm	आई एस 10190: 1982 क्षैतिज स्पिंडल के साथ लाठियों की नकल करने के लिए टेस्ट चार्ट- 500 मिमी तक बेड पर स्विंग के साथ लैट्स और 1500 मीटर तक के बीच की दूरी
Date Of Cancellation रद्द होने की तिथि	20 Feb. 2018	20 फरवरी 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 11129 : 2018 Method of Test for Tumbling Friability of Performed Block – Type Thermal Insulation (First Revision)	आई एस 11129:2018 'इप्सपजल टंबलिंग शुक्र के लिए टेस्ट की विधि- विकृत ब्लॉक की क्षमता - टइप थर्मल इंसुलेशन (पहला संशोधन)
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 11129 : 1984 Method of Test for Tumbling Friability of Pre-formed Block – Type Thermal Insulation	आई एस 11129: 1984 टूम के लिए टेस्ट की विधि- विकृत ब्लॉक की टइपिंग की अक्षमता - थर्मल इंसुलेशन
Date Of Cancellation रद्द होने की तिथि	20 Feb. 2018	20 फरवरी 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 12285 : 2018/ ISO/IEC 7480 : 1991 Information Technology – Telecommunications and Information Exchange Between Systems – Start – stop Transmission Signal Quality at DTE/DCE Interfaces ( First Revision)	आई एस 12285: 2018 / आई एस ओ / आई ई सी 7480: 1991 सूचना प्रौद्योगिकी – दूरसंचार और सूचना विनिमय प्रणाली के बीच – प्रारंभ – स्टॉप / स्टॉप ट्रांसमिशन सिग्नल गुणवत्ता को देखें
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 12285 : 1987 ISO/ IEC 7480 : 1984 Specification for Start – stop Transmission Signal Quality at DTE/ DCE Interfaces	आई एस 12285: 1987 आई एस ओ / आई ई सी 7480: 1984 प्रारंभ के लिए विशिष्टता - स्टॉप / स्टॉप इंटरफेस में ट्रांसमिशन सिग्नल की गुणवत्ता को देखें
Date Of Cancellation रद्द होने की तिथि	20 Feb. 2018	20 फरवरी 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 12762 (Part 2): 2018/ IEC 60904-2:2015 Photovoltaic Devices Part 2 Requirements for Photovoltaic Reference Devices (Second Revision)	आई एस 12762 (भाग 2): 2018 / आई ई सी 60904-2: 2015 चैवजवअवसर्जपव कम- भाग 2 फोटोवोल्टिक संदर्भ उपकरणों के लिए आवश्यकताएँ (दूसरा संशोधन)
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 12762 (Part 2) : 2013/ IEC 60904-2 : 2007 Photovoltaic devices Part 2 Requirements for Reference solar devices (First Revision)	आई एस 12762 (भाग 2): 2013 / आई ई सी 60904-2: 2007 फोटोवोल्टिक उपकरण भाग 2 संदर्भ सौर उपकरणों के लिए आवश्यकताएँ (प्रथम संशोधन)
Date Of Cancellation रद्द होने की तिथि	20 Feb. 2018	20 फरवरी 2018

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 12762 (Part 3): 2018/ IEC 60904-3:2016 Photovoltaic Devices Part 3 Measurement Principles for Terrestrial Photovoltaic (PV) Solar Devices with Reference Spectral Irradiance Data (Second Revision)	आई एस 12762 (भाग 3): 2018 / आई ई सी 60904-3: 2016 फोटोवोल्टिक उपकरण भाग 3 स्थलीय फोटोवोल्टिक (पीवी) के लिए माप सिद्धांत संदर्भ स्पेक्ट्रल विकिरण डेटा (दूसरा संशोधन) के साथ सौर उपकरण
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 12762 (Part 3): 2013 IEC 60904-3:2008 Photovoltaic Devices Part 3 Measurement Principles for Terrestrial Photovoltaic (PV) Solar Devices with Reference Spectral Irradiance Data (First Revision)	आई एस 12762 (भाग 3): 2013 आई ई सी 60904-3: 2008 फोटो-वोल्टइक डिवाइसेस भाग 3 स्थलीय फोटोवोल्टिक (ट) सौर उपकरणों के लिए संदर्भ स्पेक्ट्रल विकिरण डेटा (प्रथम संशोधन) के साथ सौर उपकरण
Date Of Cancellation रद्द होने की तिथि	20 Feb. 2018	20 फरवरी 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 12762 (Part 8) : 2018/ IEC 60904-8 : 2014 Photovoltaic Devices Part 8 Measurement of Spectral Responsivity of a Photovoltaic (PV) Device (First Revision)	आई एस 12762 (भाग 8): 2018 /आई ई एस 60904-8-: 2014 फोटोवोल्टिक डे- अपवमे भाग 8 एक फोटो- वोल्टेइक (पीवी) डिवाइस (प्रथम संशोधन) की वर्णनात्मक प्रतिक्रिया का मापन
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 12762 (Part 8) : 2010/ IEC 60904-8 : 1998 Photovoltaic Devices Part 8 Measurement of Spectral Responsivity of a Photovoltaic (PV) Device	आई एस 12762 (भाग 8): 2010/आई ई सी 60904-8: 1998 फोटोवोल्टिक डिवाइसेस भाग 8 एक फोटोवोल्टिक की विशेष- त्रिकल अभिकर्मकता का मापन (पीवी) डिवाइस
Date Of Cancellation रद्द होने की तिथि	20 Feb. 2018	20 फरवरी 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS /ISO 13041-1: 2004 Test Conditions for Numerically Controlled Turning Machines and Turning Centres Part 1 Geometric Tests for Machines with a Horizontal Workholding Spindle	आई एस / आई एस ओ 13041-1:2004 संख्यात्मक रूप से नियंत्रित टर्निंग मशीन और टर्निंग सेंटर के लिए टेस्ट की स्थिति भाग 1 मशीनों के लिए एक होरी-जॉटल वर्कहोल्डिंग स्पिंडल के साथ जियोमेट्रिक टेस्ट
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO 13105-2 : 2014 Building Construction Machinery and Equipment- Machinery for Concrete Surface Floating and Finishing Part 2 Safety Requirements and Verification	आई एस / आई एस ओ 13105-2: 2014 भवन निर्माण मशीनरी और उपकरण- मशीनरी के लिए कंन-फ्रेट सर्फेस फ्लोटिंग और फिनिश- आईएनजी पार्ट 2 सुरक्षा आवश्यकताएँ और सत्यापन
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 13589 : 2018/ISO/IEC 8072 : 1996 Information Technology – open Systems Interconnection – Transport Service Definition (First Revision)	आई एस 13589: 2018 / आई एस ओ / आई ई सी 8072: 1996 सूचना प्रौद्योगिकी – ओपन सिस्टम इंटरकनेक्शन – परिवहन सेवा परिभाषा (पहला संशोधन)
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 13589 : 1993 ISO/IEC 8072 : 1986 Transport Service Definition In Open Systems Interconnection For Information Processing Systems	आई एस 13589: 1993 आई एस ओ / आई ई सी 8072: 1986 सूचना सेवा प्रणालियों के लिए खुले सिस्टम इंटरकनेक्शन में परिवहन सेवा परिभाषा
Date Of Cancellation रद्द होने की तिथि	20 Feb. 2018	20 फरवरी 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 13934 : 2018/ISO 4703 : 2001 Test Conditions for Surface Grinding Machines with Two Columns- Machines for Grinding Slideways- Testing of the Accuracy (First Revision)	आई एस 13934: 2018 / आई एस ओ 4703: 2001 दो स्तंभों के साथ भूतल पीसने वाली मशीनों के लिए परीक्षण की स्थिति- पीसने की स्लाइड के लिए मशीनें- सटीकता का परीक्षण (पहला संशोधन)
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 13934 : 1994/ISO 4703 : 1984 Test Charts for Surface Grinding Machine with Two columns for Grinding Slideways	आई एस 13934: 1994 / आई एस ओ 4703: 1984 पीस सतह के लिए दो स्तंभों के साथ सतह पीसने की मशीन के लिए परीक्षण चार्ट
Date Of Cancellation रद्द होने की तिथि	20 Feb. 2018	20 फरवरी 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 14663:2018/ISO 9787 : 2013 Robots and Robotic Devices- Co- ordinate Systems and Motion Nomenclatures (First Revision)	आई एस १४६६३: २०१३ / आई एस ओ ९७८७: २०१३ रोबोट्स एंड रोबोटिक डिवाइसेस- कोऑर्डिनेट सिस्टम्स एंड मोशन नोमैक्लेर्स (पहला संशोधन)
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 14663 : 1999/ISO 9787 : 1990 Manipulating Industrial Robots—Co- ordinate Systems and Motions	आई एस 14663: 1999 / आई एस ओ 9787: 1990 औद्योगिक रोबोट-समन्वय प्रणालियों और उद्देश्यों में हेरफेर
Date Of Cancellation रद्द होने की तिथि	20 Feb. 2018	20 फरवरी 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO 15392:2008 Sustainability in Building Construction- General Principles	आई एस / आई एस ओ 15392: 2008 भवन निर्माण-सामान्य सिद्धांतों में स्थिरता
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16683 (Part 1) : 2018/IEC/ TS 60815-1 : 2008 Selection and Dimensioning of High-Voltage Insulators Intended for Use in Polluted Conditions Part 1 Definitions, Information and General Principles	आई एस 16683 (भाग 1): 2018 / आई ई सी / टै 60815-1: 2008 चयन और उच्च-वोल्टेज इंसुलेटर का आयाम, प्रदूषित स्थितियों में उपयोग के लिए इरादा भाग 1 परिभाषाएँ, सूचना और सामान्य सिद्धांत
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16683 (Part 2) : 2018/IEC/ TS 60815-2 : 2008 Selection and Dimensioning of High-Voltage Insulators Intended for Use in Polluted Conditions Part 2 Ceramic and Glass Insulators for a.c. Systems	आई एस 16683 (भाग 2): 2018 / आई ई सी / टै 60815-2: 2008 चयन और उच्च-वोल्टेज इन्सुलेटर्स का परिशोधन, प्रदूषित परिस्थितियों में उपयोग के लिए इरादा भाग 2 सिरैमिक और ग्लास इंसुलेटर एसी सिस्टम
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16685:2018/IEC 62223:2009 Insulators- Glossary of Terms and Definitions	आई एस 16685: 2018 / आई ई सी 62223: 2009 इंसुलेटर- शब्द और परिभाषाओं की शब्दावली
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं

## NEWS YOU CAN USE

# MANAGEMENT SYSTEM CERTIFICATION

During the month, eight new licences were granted and 14 licences were cancelled/expired, thereby bringing the number of operative licences to 1,295 under the Management System Certification Schemes. As on July 25, 2018, 26 Integrated Management Certification for Hazard Analysis & Critical Control Points (HACCP) and Quality Management System are in operation. Besides, one licence for HACCP is also in operation.





No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16686:2018/IEC/TR 62662:2010 Guidance for Production, Testing and Diagnostics of Polymer Insulators with Respect to Brittle Fracture of Core Materials	आई एस 16686: 2018 / आई ई सी / टी आर 62662: 2010 कोर सामग्री के भंगुर फ्रैक्चर के संबंध में पॉलिमर इंसुलेटर के उत्पादन, परीक्षण और निदान के लिए मार्गदर्शन
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16687 :2018/IEC/ TR 62730 : 2012 HV Polymeric Insulators for Indoor and Outdoor Use Tracking and Erosion Testing by Wheel Test and 5000 h Test	आई एस 16687: 2018 / आई ई सी / टी आर 62730: 2012 एचवी पॉलीमरिक इंसुलेटर फॉर इंडोर एंड आउटडोर यूज ट्रैकिंग एंड एरोसियन टेस्टिंग बाई व्हील टेस्ट और 5000 वां टेस्ट
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16753 (Part 3) :2018/ ISO 29463-3:2011 High-Efficiency Filters and Filter Media for Removing Particles in Air Part 3 Testing Flat Sheet Filter Media	आई एस 16753 (भाग 3): 2018 / आई एस ओ 29463-3: 2011 उच्च दक्षता फिल्टर और फिल्टर मीडिया एयर पार्ट 3 परीक्षण फ्लैट शीट फिल्टर मीडिया में कण हटाने के लिए
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16753 (Part-4) : 2018/ISO 29463-4:2011 High-Efficiency filters and Filter Media for Removing Particles in Air Part 4 Testing for Determining Leakage of Filter Elements- Scan Method	आई एस 16753 (भाग -4):2018/आई एस ओ 29463-4: 2011 उच्च-दक्षता फिल्टर और फिल्टर मीडिया फिर से चलने के लिए पार्टिकल एयर पार्ट 4 परीक्षण में फिल्टर तत्वों के रिसाव का निर्धारण करने के लिए परीक्षण- स्कैन विधि
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16753 (Part 5) : 2018/ ISO 29463-5 : 2011 High- Efficiency Filters and Filter Media for Removing Particles in Air Part 5 Test Method for Filter Elements	आई एस 16753 (भाग 5): 2018 / आई एस ओ 29463-5: 2011 उच्च-दक्षता फिल्टर और फिल्टर मीडिया के लिए फिर से चलती कण एयर पार्ट 5 टेस्ट विधि में फिल्टर तत्वों के लिए
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16782:2018/IEC 62910:2015 Utility- Interconnected Photovoltaic Inverters Test Procedure For Low Voltage Ride-Through Measurements	आई एस 16782: 2018 / आई ई सी 62910: 2015 उपयोगिता- कम वोल्टेज की सवारी के लिए इंटरकनेक्टेड फोटोवोल्टिक इनवर्टर टेस्ट प्रक्रिया- माप के माध्यम से
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
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Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO 17743 : 2016 Energy Savings- Definition of a Methodological Framework Applicable to Calculation and Reporting on Energy Savings	आई एस / आई एस ओ 17743: 2016 ऊर्जा बचत- ऊर्जा बचत पर गणना और रिपोर्टिंग के लिए लागू एक कार्यप्रणाली ढांचे की परिभाषा
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO/IEC 18014-1 : 2008 Information Technology- Security Techniques- Time Stamping Services Part 1 Framework	आई एस / आई एस ओ / आई ई सी 18014-1: 2008 सूचना प्रौद्योगिकी- सुरक्षा तकनीक- समय मुद्रांकन सेवाएँ भाग 1 फ्रेमवर्क
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO/IEC 18014-3:2009 Information Technology- Security Techniques- Time-Stamping Services Part 3 Mechanism Producing Linked Tokens	आई एस / आई एस ओ / आई ई सी 18014- 3: 2009 सूचना प्रौद्योगिकी- सुरक्षा तकनीक- समय- मुद्रांकन सेवाएँ भाग 3 तंत्र लिंक किए गए टोकन का उत्पादन
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
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Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO 19432:2012 Building Construction Machinery and Equipment- Portable, Hand-held, Internal Combustion Engine Driven Cut-off Machines-Safety Requirements	आई एस / आई एस ओ 19432: 2012 बिल्डिंग कंस्ट्रक्शन मशीनरी और उपकरण- पोर्टेबल, हैंड-हेल्ड, इंटरनल कम्बुशन इंजन चालित कट-ऑफ मशीन-सुरक्षा आवश्यकताएँ
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO 21873-2:2009 Building Construction Machinery and Equipment- Mobile Crushers Part 2 Safety Requirements	आई एस / आई एस ओ 21873-2: 2009 भवन निर्माण मशीनरी और उपकरण- मोबाइल क्रशर भाग 2 सुरक्षा आवश्यकताएँ
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO 50047:2016 Energy Savings- Determination of Energy Savings in Organizations	आई एस/आई एस ओ 50047: 2016 ऊर्जा बचत- संगठनों में ऊर्जा बचत का निर्धारण
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/IEC Pub 60691 : 2015 Thermal Links- Requirements and Application Guide	आई एस / आई ई सी प ब 60691: 2015 थर्मल लिंक- आवश्यकताएँ और आवेदन गाइड
Date Of Establishment संशोधन की संख्या और तिथि	20 Feb. 2018	20 फरवरी 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 101 (Part 10/Sec 2) : 2018/ ISO 16773-1 : 2016 Methods of Sampling and Test for Paints Varnishes and Related Products Part 10 Instrumental Analysis Section 2 Electrochemical impedance spectroscopy (EIS) on coated and uncoated metallic specimens- Terms and definitions.	आई एस 101 (पार्ट 10 / सेक 2): 2018 / आई एस ओ 16773-1: 2016 पेंट्स वार्निश और संबंधित उत्पादों के लिए नमूना और परीक्षण के तरीके भाग 10 इंस्ट्रुमेंटल विश्लेषण धारा 2 इलेक्ट्रोकेमिकल प्रतिबाधा स्पेक्ट्रोस्कोपी (ईआईएस) लेपित और नदबवंजमक धातु नमूनों के लिए- शर्तें और परिभाषाएँ।
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 101 (Part 10/Sec 3): 2018/ ISO 16773-2 : 2016 Methods of Sampling and Test for Paints Varnishes and Related Products Part 10 Instrumental Analysis Section 3 Electrochemical impedance spectroscopy (EIS) on coated and uncoated metallic specimens- Collection of data.	आई एस 101 (भाग 10 / सेक 3): 2018 / आई एस ओ 16773-2: 2016 पेंट्स वार्निश और संबंधित उत्पादों के लिए नमूने और परीक्षण के तरीके भाग 10 वाद्य विश्लेषण अनुभाग 3 विद्युत रासायनिक प्रतिबाधा स्पेक्ट्रोस्कोपी (ईआईएस) लेपित और नदबवंजमक धातु नमूनों - संग्रह का संग्रह डेटा।
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 101 (Part 10/Sec 4) : 2018/ ISO 16773- 4 : 2016 Methods of Sampling and Test for Paints Varnishes and Related Products Part 10 Instrumental Analysis Section 4 Electrochemical impedance spectroscopy (EIS) on coated and uncoated metallic specimens- Processing and analysis of data from dummy cells	आई एस 101 (भाग 10 / सेक 4): 2018 / आई एस ओ 16773- 4: 2016 पेंट्स वार्निश और संबंधित उत्पादों के लिए नमूने और परीक्षण के तरीके भाग 10 वाद्य विश्लेषण अनुभाग 4 विद्युत रासायनिक प्रतिबाधा स्पेक्ट्रोस्कोपी (ईई) लेपित और नदबवंजमक धातु नमूनों- प्रसंस्करण और प्रसंस्करण डमी कोशिकाओं से डेटा का विश्लेषण
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं

## NEWS YOU CAN USE

# HALLMARKING CERTIFICATION

During the month, 288 licences for hallmarking of gold and 16 licences for hallmarking of silver were granted, whereas 123 licences for Hallmarking of gold, 23 licences for silver were cancelled/ expired. Total number of operative licences under this scheme as on July 25, 2018 stood at 22,591 and 1,787 for gold and silver respectively. During the month, 15 Assaying & Hallmarking centres were recognized. As on July 25, 2018, 672 Assaying & Hallmarking centres recognized by BIS were in operation.





No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO 105-B05 : 1993 Textiles – Tests for Colour Fastness Part B05 Detection and Assessment of Photochromism	आई एस / आई एस ओ 105-बी05: 1993 टेक्सटाइल्स – टेस्ट फॉर कलर फास्टनेस पार्ट बी05 डिटेक्शन एंड फोटोसोमिस्म का आकलन
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO 105-G02 : 1993 Textiles – Tests for Colour Fastness Part G02 Colour Fastness to Burnt- Gas Fumes	आई एस / आई एस ओ 105-जी02: 1993 टेक्सटाइल्स – टेस्ट फॉर कलर फास्टनेस पार्ट जी02 कलर फ्लेनेस टू बर्न- गैस फ्यूम्स
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 443 (Part 5) : 2018/ISO 7662 : 1988 Methods of Test for Rubber and Plastics Hoses Part 5 Determination of Abrasion of lining	आई एस 443 (भाग 5): 2018 /आई एस ओ 7662: 1988 रबर और प्लास्टिक के लिए परीक्षण के तरीके भाग 5 अस्तर के घर्षण का निर्धारण
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO 603-5 : 1999 Bonded Abrasive Products- Dimensions Part 5 Grinding Wheels for Surface Grinding/ Face Grinding	आई एस / आई एस ओ 603-5: 1999 बंधुआ अपमानजनक उत्पाद- भूतल पीसने के लिए आयाम भाग 5 पीस पहियों / चेहरा पीस
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 1368 : 2018/ISO 4753 : 2011 Dimensions for Ends of Parts with External ISO Metric Threads (Fourth Revision)	आई एस 1368: 2018 / आई एस ओ 4753: 2011 बाहरी आईएसओ मीट्रिक थ्रेड्स (चौथा संशोधन) के साथ भागों के अंत के लिए आयाम
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 1368 : 1983/ ISO 4753 : 1987 Dimensions for Ends of Parts with External ISO Metric Threads ( Third Revision)	आई एस 1368: 1983 / आई एसओ 4753: 1987 बाहरी आई एस ओ मीट्रिक थ्रेड्स के साथ भागों के अंत के लिए आयाम (तीसरा संशोधन)
Date Of Cancellation रद्द होने की तिथि	5 Mar. 2018	5 मार्च 2018

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 3400 (Part 23/Sec 2) : 2018/ ISO 7619-2 : 2010 Methods of Test for Vulcanized Rubbers Part 23 Rubber – Determination of Indentation Hardness by Means of Pocket Hardness Meters Section 2 IRHD pocket meter method (First Revision)	आई एस 3400 (भाग 23 / सेक 2): 2018 / आई एस ओ 7619-2: 2010 वल्केनाइज्ड रबर्स के लिए टेस्ट के तरीके भाग 23 रबर – पॉकेट कठोरता मीटर के माध्यम से इंडेंटेशन कठोरता का निर्धारण धारा 2 आई आर एच डी मीटर विधि (पहला संशोधन)
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 3400 (Part 23) : 2002/ ISO 7619 : 1997 Methods of Test for Vulcanized Rubbers Part 23 Rubber – Determination of Indentation Hardness by Means of Pocket Hardness Meters	आई एस 3400 (भाग 23): 2002 / आई एस ओ 7619: 1997 वल्केनाइज्ड रबर्स के लिए टेस्ट के तरीके भाग 23 रबर – पॉकेट कठोरता मीटर के माध्यम से इंडेंटेशन कठोरता का निर्धारण
Date Of Cancellation रद्द होने की तिथि	5 Mar. 2018	5 मार्च 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 3400 (Part 28) : 2018/ISO 3384-1 : 2011 Methods of Test for Vulcanized Rubbers Part 28 Rubber, Vulcanized or Thermoplastic- Determination of Stress Relaxation in Compression- Testing at Constant Temperature	आई एस 3400 (भाग 28): 2018 / आई एस ओ 3384-1: 2011 वल्केनाइज्ड रबर्स के लिए टेस्ट के तरीके भाग 28 रबर, वल्केनाइज्ड या थर्मोप्लास्टिक- संपीड़न में तनाव में आराम का निर्धारण- लगातार तापमान पर परीक्षण
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 3400 (Part 29) : 2018/ISO 6914 : 2013 Methods of Test for Vulcanized Rubbers Part 29- Rubber, Vulcanized or Thermoplastic- Determination of Ageing Characteristics by Measurement of Stress Relaxation in Tension	आई एस 3400 (भाग 29): 2018 / आई एस ओ 6914: 2013 वल्केनाइज्ड रबर्स के लिए टेस्ट के तरीके भाग 29- रबर, वल्केनाइज्ड या थर्मोप्लास्टिक- तनाव में मापन द्वारा तनाव की माप द्वारा उम्र बढ़ने के लक्षणों का निर्धारण।
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 3458 : 2018/ ISO 1119 : 2011 Conical Tapers and Taper Angles for General Engineering Purposes (Third Revision)	आई एस 3458: 2018 / आई एस ओ 1119: 2011 जनरल इंजीनियरिंग प्रयोजनों (तीसरा संशोधन) के लिए शंकवाकार शंकु और शंकु कोण
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 3458 : 2011/ISO 1119 : 1998 Conical Tapers and Taper Angles for General Engineering Purposes (Second Revision)	आई एस 3458: 2011 / आई एस ओ 1119: 1998 जनरल इंजीनियरिंग प्रयोजनों (दूसरा संशोधन) के लिए शंकवाकार शंकु और शंकु कोण
Date Of Cancellation रद्द होने की तिथि	5 Mar. 2018	5 मार्च 2018

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 3559 : 2018 Pneumatic Concrete Breakers- Specification (First Revision)	आई एस 3559: 2018 वायवीय कंक्रीट तोड़ने वाले-विशिष्टता (पहला संशोधन)
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 3559 : 1996 Specification for Pneumatic Concrete Breakers	आई एस 3559: 1996 वायवीय कंक्रीट तोड़ने वालों के लिए विशिष्टता
Date Of Cancellation रद्द होने की तिथि	5 Mar. 2018	5 मार्च 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 3708 (Part 3) : 2018/ISO 705 : 2015 Methods of Test For Natural Rubber Latex Part 3 Determination of Density (Third Revision)	आई एस 3708 (भाग 3): 2018 / आई एस ओ 705: 2015 प्राकृतिक रबर लेटेक्स भाग 3 के परीक्षण के तरीके घनत्व का निर्धारण (तीसरा संशोधन)
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 3708 (Part 3) : 1985 Methods of Test For Natural Rubber Latex Part 3 Determination of Density (Second Revision)	आई एस 3708 (भाग 3): 1985 प्राकृतिक रबर लेटेक्स भाग 3 के परीक्षण की विधियाँ घनत्व का निर्धारण (दूसरा संशोधन)
Date Of Cancellation रद्द होने की तिथि	5 Mar. 2018	5 मार्च 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 3708 (Part 9) : 2018/ISO 247 : 2006 Methods of Test For Natural Rubber Latex Part 9 Determination of Total Ash (Third Revision)	आई एस 3708 (भाग 9): 2018 / आई एस ओ 247: 2006 प्राकृतिक रबर लेटेक्स भाग 9 के लिए परीक्षण के तरीके 9 कुल निर्धारण का निर्धारण (तीसरा संशोधन)
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 3708 (Part 9) : 2005/ISO 247 : 1990 Methods of Test For Natural Rubber Latex Part 9 Determination of Total Ash (Second Revision)	आई एस 3708 (भाग 9): 2005 / आई एस ओ 247: 1990 प्राकृतिक रबर लेटेक्स भाग 9 के लिए परीक्षण की विधियाँ कुल राख (दूसरा संशोधन) का निर्धारण
Date Of Cancellation रद्द होने की तिथि	5 Mar. 2018	5 मार्च 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO 4306-2 : 2012 Cranes – Vocabulary Part 2 Mobile Cranes (Second Revision)	आई एस / आई एस ओ 4306-2: 2012 क्रेन – शब्दावली भाग 2 मोबाइल क्रेन (दूसरा संशोधन)
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS/ISO 4306-2 : 1984 Cranes – Vocabulary Part 2 Mobile Cranes (First Revision)	आई एस / आई एस ओ 4306-2: 1984 क्रेन – शब्दावली भाग 2 मोबाइल क्रेन (पहला संशोधन)
Date Of Cancellation रद्द होने की तिथि	5 Mar. 2018	5 मार्च 2018

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 5561 : 2018 Electric Power Connectors- Specification (First Revision)	आई एस 5561: 2018 इलेक्ट्रिक पावर कनेक्टर्स-विशिष्टता (पहला संशोधन)
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 5561 : 1970 Specification for Electric Power Connectors	आई एस 5561: 1970 इलेक्ट्रिक पावर कनेक्टर्स के लिए विशिष्टता
Date Of Cancellation रद्द होने की तिथि	5 Mar. 2018	5 मार्च 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 7872 : 2018 Freezers – Specification (First Revision)	आई एस 7872: 2018 फ्रीजर – विशिष्टता (पहला संशोधन)
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 7872 : 1975 Specification for Freezers	आई एस 7872: 1975 फ्रीजर के लिए विशिष्टता
Date Of Cancellation रद्द होने की तिथि	5 Mar. 2018	5 मार्च 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 11329 : 2018 Finned Type Heat Exchanger for Room Air Conditioner (First Revision)	आई एस 11329: 2018 फिनिशड टाइप हीट एक्सचेंजर रूम एयर कंडीशनर (पहला संशोधन) के लिए
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 11329 : 2018 Finned Type Heat Exchanger for Room Air Conditioner	आई एस 11329: 2018 फिनिशड टाइप हीट एक्सचेंजर रूम एयर कंडीशनर के लिए
Date Of Cancellation रद्द होने की तिथि	5 Mar. 2018	5 मार्च 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16774 : 2018 ISO 2439 : 2008 Flexible Cellular Polymeric Materials – Determination of Hardness (Indentation Technique)	आई एस 16774: 2018 आई एस ओ 2439: 2008 लचीली सेलुलर पॉलिमर सामग्री – कठोरता का निर्धारण (इंडेंट टेक्नॉलॉजी)
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 12259 : 2018/ISO 7331 : 2011 Ski-poles for Alpine Skiing- Requirements and Test Methods (Second Revision)	आई एस 12259: 2018 / आई एस ओ 7331 रू 2011 स्की- अल्पाइन स्कीइंग के लिए खंभे – आवश्यकताएँ और परीक्षण विधियाँ (दूसरा संशोधन) 5 मार्च 2018
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 12259 : 2001/ISO 7331 : 1990 Ski-poles for Alpine Skiing- Safety Requirements and Test Methods (First Revision)	आई एस 12259 रू 2001 / आई एस ओ 7331 रू 1990 स्कीइंग – अल्पाइन स्कीइंग के लिए खंभे- सुरक्षा आवश्यकताएँ और परीक्षण विधियाँ (प्रथम संशोधन)
Date Of Cancellation रद्द होने की तिथि	5 Mar. 2018	5 मार्च 2018



No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 13007 : 2018/ ISO 6848 : 2015 Arc Welding and Cutting- Tungsten Electrodes- Classification (First Revision)	आई एस 13007: 2018 / आई एस ओ 6848: 2015 आर्क वेल्डिंग और कटिंग- टंगस्टन इलेक्ट्रोड्स- वर्गीकरण (पहला संशोधन)
Date Of Establishment संशोधन की तिथि और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	S 13007 : 1991 Tungsten electrodes for inert gas shielded arc welding and for plasma cutting and welding	आई एस 13007: 1991 टंगस्टन इलेक्ट्रोड अक्रिय गैस परिरक्षित चाप वेल्डिंग और प्लाज्मा कटिंग और वेल्डिंग के लिए
Date Of Cancellation रद्द होने की तिथि	5 Mar. 2018	5 मार्च 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 13360 (Part2/Sec 5) : 2018/ ISO 3167 : 2014 Plastics- Methods of Testing Part 2 Sampling and Preparation of Test Specimens Section 5 Multipurpose test specimens (Second Revision)	आई एस 13360 (भाग 2 / सेक 5): 2018 / आई एस ओ 3167: 2014 प्लास्टिक- परीक्षण के तरीके भाग 2 नमूनाकरण और परीक्षण नमूनों की तैयारी धारा 5 बहुउद्देशीय परीक्षण नमूने (दूसरा संशोधन)
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 13360 (Part2/Sec 5) : 2013/ISO 3167 : 2002 Plastics- Methods of Testing Part 2 Sampling and Preparation of Test Specimens Section 5 Multipurpose test specimens (First Revision)	आई एस 13360 (भाग 2 / सेक 5): 2013/आई एस ओ 3167: 2002 प्लास्टिक- परीक्षण के तरीके भाग 2 नमूनाकरण और परीक्षण नमूनों की तैयारी धारा 5 बहुउद्देशीय परीक्षण नमूने (प्रथम संशोधन)
Date Of Cancellation रद्द होने की तिथि	5 Mar. 2018	5 मार्च 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 13360 (Part 5/ Sec 1) : 2018/ ISO 527-1 : 2012 Plastics- Methods of Testing Part 5 Mechanical Properties Section 1 Determination of tensile properties- General requirements (First Revision)	आई एस 13360 (भाग 5 / सेक 1): 2018 / आईएसओ 527-1: 2012 प्लास्टिक- परीक्षण के तरीके भाग 5 यांत्रिक गुण धारा 1 तन्यता गुणों का निर्धारण- सामान्य आवश्यकताएँ (प्रथम संशोधन)
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 13360 (Part 5/ Sec 1) : 2018/ISO 527-1 : 2012 Plastics- Methods of Testing Part 5 Mechanical Properties Section 1 Determination of tensile properties- General Principles	आई एस 13360 (भाग 5 / सेक 1): 2018 / आईएसओ 527-1: 2012 प्लास्टिक- परीक्षण के तरीके भाग 5 यांत्रिक गुण धारा 1 तन्यता गुणों का निर्धारण- सामान्य सिद्धांत
Date Of Cancellation रद्द होने की तिथि	5 Mar. 2018	5 मार्च 2018

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 13360 (Part 8/Sec 13) : 2018/ISO 4582: 2007 Plastics- Methods of Testing Part 8 Performance/ Chemical Properties Section 13 Determination of changes in colour and variations in properties after exposure to daylight under glass, natural weathering or laboratory light sources (First Revision)	आई एस 13360 (भाग 8 / सेक 13): 2018 / आई एस ओ 4582: 2007 प्लास्टिक- परीक्षण के तरीके भाग 8 प्रदर्शन / रसायनिक गुण धारा 13 रंग और कांच के तहत दिन के उजाले के संपर्क में होने के बाद गुणों में बदलाव और प्राकृतिक अपक्षय या प्रयोगशाला प्रकाश का निर्धारण स्रोत (पहला संशोधन)
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 13360 (Part 8/Sec 13) : 2004/ISO 4582: 1998 Plastics- Methods of Testing Part 8 Performance/ Chemical Properties Section 13 Determination of Changes in Colour and Variations in Properties After Exposure to Daylight Under Glass, Natural Weathering or Laboratory Light Sources	आई एस 13360 (भाग 8 / सेक 13): 2004 / आईएसओ 4582: 1998 प्लास्टिक- परीक्षण के तरीके भाग 8 प्रदर्शन / रसायनिक गुण धारा 13 रंग और परिवर्तन में परिवर्तन का निर्धारण गुणों के लिए एक्सपोजर के तहत ग्लास, प्राकृतिक रंग या प्रयोगशाला प्रकाश के तहत होने के बाद सूत्रों का कहना है
Date Of Cancellation रद्द होने की तिथि	5 Mar. 2018	5 मार्च 2018

#### NEWS YOU CAN USE

## REGISTRATION & LABORATORY TESTING

During the month, 642 new registrations of Electronics & Information Technology products have been made under the scheme. As on July 25, 2018, BIS has made 13903 registrations under the BIS registration scheme covering different product categories.

During the month, 2,057 samples were tested by BIS laboratories. As on July 25, 2018, 226 Outside Laboratories (OSLs) stand recognized by BIS and during the month, 814 samples were tested by OSLs.



No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 13397: 2018/IEC/ TR 60725 : 2012 Consideration of Reference Impedances and Public Supply Network Impedances for Use in Determining the Disturbance Characteristics of Electrical Equipment Having a Rated Current ≤75 A Per Phase (First Revision)	आई एस 13397: 2018 / आई ई सी / टीआर 60725: 2012 संदर्भ इम्पीडेंस और सार्वजनिक आपूर्ति नेटवर्क के प्रतिबाधा पर विचार करने के लिए बिजली के उपकरणों की गड़बड़ी के लक्षणों के निर्धारण में उपयोग के लिए एक रेटेड वर्तमान 175 प्रति चरण (प्रथम संशोधन) होने
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 13397: 1992/IEC/ Pub 725(1981) Guide for Considerations on Reference Impedances for Use in Determining the Disturbance Characteristics of Household Appliances and Similar Electrical Equipment	आई एस 13397: 1992 / आईईसी / पब 725 (1981) घरेलू उपकरणों और इसी तरह के विद्युत उपकरणों की गड़बड़ी की विशेषताओं को निर्धारित करने में उपयोग के लिए संदर्भ प्रभाव पर विचार के लिए गाइड।
Date Of Cancellation रद्द होने की तिथि	5 Mar. 2018	5 मार्च 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 13558 (Part 2): 2018/ISO 7752- 2 : 2011 Cranes- Control Layout and Characteristics Part 2 Basic Arrangement and Requirements for Mobile Cranes (First Revision)	आई एस 13558 (भाग 2): 2018 / आई एस ओ 7752- 2: 2011 क्रेन- नियंत्रण लेआउट और लक्षण भाग 2 बुनियादी व्यवस्था और मोबाइल क्रेन के लिए आवश्यकताएँ (पहला संशोधन)
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 13558 (Part 2): 1995/ISO 7752-2 : 1985 Cranes- Control – Layout and Characteristics Part 2 Basic Arrangement and Requirements for Mobile Cranes	आई एस 13558 (भाग 2): 1995 / आई एस ओ 7752-2: 1985 क्रेन- नियंत्रण दक लेआउट और विशेषताएं भाग 2 बुनियादी व्यवस्था और मोबाइल क्रेन के लिए आवश्यकताएं
Date Of Cancellation रद्द होने की तिथि	5 Mar. 2018	5 मार्च 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 13558 (Part 3) : 2018/ISO 7752-3 : 2013 Cranes- Control Layout and Characteristics Part 3 Tower Cranes (First Revision)	आई एस 13558 (भाग 3): 2018 / आई एस ओ 7752-3: 2013 क्रेन- नियंत्रण लेआउट और लक्षण भाग 3 टॉवर क्रेन (पहला संशोधन)
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 13558 (Part 3) : 1995/ISO 7752-3 : 1993 Cranes- Control Layout and Characteristics Part 3 Tower Cranes	आई एस 13558 (भाग 3): 1995 / आई एस ओ 7752-3: 1993 क्रेन- नियंत्रण लेआउट और अभिलक्षण भाग 3 कोठे
Date Of Cancellation रद्द होने की तिथि	5 Mar. 2018	5 मार्च 2018

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 13879 : 2018/ ISO 5243 : 2004 Textile Machinery and Accessories- Numbering of Heald Frames and Drop Wire Bars in a loom (First Revision)	आई एस 13879: 2018 / आई एस ओ 5243: 2004 टेक्सटाइल मशीनरी और एक्सेसरीज- एक कश्चे में हील्ड फ्रेम्स और ड्रॉप वायर बार्स की संख्या (प्रथम संशोधन)
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 13879 : 1993/ ISO 5243 : 1997 Textile Machinery and Accessories- Numbering of Heald Frames in a loom	आई एस 13879: 1993 / आई एस ओ 5243: 1997 कपड़ा मशीनरी और सहायक उपकरण-एक कश्चे में हील्ड फ्रेम्स की संख्या
Date Of Cancellation रद्द होने की तिथि	5 Mar. 2018	5 मार्च 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 14700 (Part 3/Sec 2) : 2018/IEC 61000-3-2 : 2014 Electromagnetic Compatibility (EMC) Part 3 Limits Section 2 Limits for harmonic current emissions (equipment input current ≤16 A per phase (Second Revision)	आई एस 14700 (भाग 3 / सेक 2): 2018 / एम् 61000-3-2: 2014 विद्युत चुम्बकीय संगतता (म्हड़े) भाग 3 हार्मोनिक वर्तमान उत्सर्जन के लिए धारा 2 सीमाएं (उपकरण इनपुट वर्तमान ≤16 प्रति चरण (द्वितीय संशोधन)
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 14700 (Part 3/Sec 2) : 2008/IEC 61000-3-2 : 2005 Electromagnetic Compatibility (EMC) Part 3 Limits Section 2 Limits for harmonic current emissions (equipment input current ≤16 A per phase (First Revision)	आई एस 14700 (भाग 3 / सेक 2): 2008 / एम् 61000-3-2: 2005 विद्युत चुम्बकीय संगतता (ई एम सी) भाग 3 हार्मोनिक वर्तमान उत्सर्जन के लिए धारा 2 सीमाएं (उपकरण इनपुट वर्तमान ≤16 ए प्रति चरण) (पहला संशोधन)
Date Of Cancellation रद्द होने की तिथि	5 Mar. 2018	5 मार्च 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 14700 (Part 4/Sec 4) : 2018/IEC 61000-4-4 : 2012 Electromagnetic Compatibility (EMC) Part 4: Testing and Measurement Techniques Section 4 : Electrical fast transient/ burst immunity test (Second Revision)	आई एस 14700 (भाग 4 / सेक 4): 2018 / आई ई सी 61000-4-4: 2012 इलेक्ट्रोमैग्नेटिक कम्पैटिबिलिटी (म्हड़े) भाग 4: परीक्षण और मापन तकनीक धारा 4: इलेक्ट्रिकल फास्ट ट्रांसिएंट / फट इम्युनिटी टेस्ट (दूसरा संशोधन)
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 14700 (Part 4/Sec 4) : 2004/IEC 61000-4-4 : 2008 Electromagnetic Compatibility (EMC) Part 4: Testing and Measurement Techniques Section 4 : Electrical fast transient/ burst immunity test (First Revision)	आई एस 14700 (भाग 4 / सेक 4): 2004/ आई ई सी 61000-4-4: 2008 इलेक्ट्रोमैग्नेटिक कम्पैटिबिलिटी (म्हड़े) भाग 4: परीक्षण और मापन तकनीक धारा 4: इलेक्ट्रिकल फास्ट ट्रांसिएंट / फट इम्युनिटी टेस्ट (प्रथम संशोधन)
Date Of Cancellation रद्द होने की तिथि	5 Mar. 2018	5 मार्च 2018



No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 14700 (Part 4/Sec 15) : 2018/IEC 61000-4-15 : 2010 Electromagnetic Compatibility (EMC) part 4 Testing and Measurements techniques Section 15 Flicker-meter-function and design specifications (Second Revision)	आई एस 14700 (भाग 4 / सेक 15): 2018 / प्द 61000-4-15: 2010 विद्युत चुम्बकीय संगतता (ई एम सी) भाग 4 परीक्षण और माप तकनीक धारा 15 झिलमिलाहट मीटर फंक्शन और डिजाइन विनिर्देशों (दूसरा संशोधन)
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 14700 (Part 4/Sec 15) : 2001/IEC 61000-4-15 : 1997 Electromagnetic Compatibility (EMC) part 4 Testing and Measurements techniques Section 15 Flicker-meter-function and design specifications (First Revision)	आई एस 14700 (भाग 4 / सेक 15): 2001 / प्द 61000-4-15: 1997 विद्युत चुम्बकीय संगतता (ई एम सी) भाग 4 परीक्षण और माप तकनीक धारा 15 झिलमिलाहट मीटर फंक्शन और डिजाइन विनिर्देश (प्रथम संशोधन)
Date Of Cancellation रद्द होने की तिथि	5 Mar. 2018	5 मार्च 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 15731 : 2018 Automotive Tyres – Selection and Inspection of Retreadable Tyre Casing (First Revision)	आई एस 15731: 2018 ऑटोमोटिव टायर्स – रिट्रेडेबल टायर आवरण (प्रथम संशोधन) का चयन और निरीक्षण
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 15731 : 2006 Automotive Tyres – Selection and Inspection of Retreadable Tyre Casing	आई एस 15731: 2006 ऑटोमोटिव टायर्स – रिट्रेडेबल टायर आवरण का चयन और निरीक्षण
Date Of Cancellation रद्द होने की तिथि	5 Mar. 2018	5 मार्च 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16596 : 2018 ISO 3901 : 2001 Information and Documentation-International Standard Recording Code (ISRC)	आई एस 16596: 2018 आई एस ओ 3901: 2001 सूचना और प्रलेखन-अंतर्राष्ट्रीय मानक रिकॉर्डिंग कोड (आई एस आर सी)
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16630 (Part 1) : 2018 Plastics-Post- Consumer Poly (Ethylene Terephthalate) (PET) Bottle Recyclates Part 1 Designation System and Basis for Specifications	आई एस 16630 (भाग 1): 2018 प्लास्टिक-पोस्ट-कॉन्सुमर पाली (एथिलीन टेरिफ्थैलेट) (पीईटी) बोतल पुनर्चक्रण भाग 1 पदनाम प्रणाली और विशिष्टताओं के लिए आधार
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16667 : 2018/IEC/ TR 62543 : 2011 High-voltage Direct Current (HVDC) Power Transmission Using Voltage Sourced Converters (VSC)	आई एस 16667: 2018 / आई ई सी / ज् 62543: 2011 हाई-वोल्टेज डायरेक्ट करंट (व्स्क) वोल्टेज ट्रांसमिशन कन्वर्टर (व्स्क) का उपयोग कर पावर ट्रांसमिशन
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16738 : 2018 Positive List of Constituents for Polypropylene, Polyethylene and their Copolymers for its Safe Use in Contact with Foodstuffs and Pharmaceuticals	आई एस 16738: 2018 पॉलीप्रोपाइलीन, पॉलीइथाइलीन और उनके बचवसलउमते के लिए खाद्य पदार्थों और फार्मास्यूटिकल्स के साथ संपर्क में सुरक्षित उपयोग के लिए संविधान की सकारात्मक सूची
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 10141: 2001 and IS 10909 :2001	आई एस 10141: 2001 और आई एस 10909: 2001 है
Date Of Cancellation रद्द होने की तिथि	5 Mar. 2018	5 मार्च 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16745 : 2018/ ISO 7144: 1986 Documentation-Presentation of Thesis and Similar Documents	आई एस 16745: 2018 / आई एस ओ 7144: 1986 प्रलेखन- थीसिस और इसी तरह के दस्तावेजों की प्रस्तुति
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं

## NEWS YOU CAN USE

# MEMORANDUM OF UNDERSTANDINGS

By the end of July 2018, BIS had signed 29 Memorandum of Understandings and 7 Bilateral Cooperation Agreements with National Standard Bodies of various foreign countries. As on July 25, 2018, BIS is a "P" member (participating) in 440 technical committees of ISO and 91 technical committees of IEC. BIS is an "O" member (observer) in 216 technical committees of ISO and 75 technical committees of IEC.



No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16746 : 2018/ ISO 5963: 1985 Documentation- Methods for Examining Documents, Determining their Subjects, and Selecting Indexing Terms	आई एस 16746: 2018 / आई एस ओ 5963: 1985 दस्तावेजीकरण- दस्तावेजों की जाँच करने के तरीके, उनके विषय निर्धारित करना और अनुक्रमण शर्तों का चयन करना
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16751 : 2018/ISO 9691: 1992 Rubber- Recommendations for the Workmanship of Pipe Joint Rings- Description and Classification of Imperfections	आई एस 16751: 2018 / आई एस ओ 9691: 1992 रबर- पाइप जॉइंट रिंग्स की वर्कमैनशिप के लिए सिफारिशें- विवरण और इंपीरियल का वर्गीकरण
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16752 : 2018/ ISO 3302-1: 2014 Rubber- Tolerances for Products- Dimensional Tolerances	आई एस 16752: 2018 / आई एस ओ 3302-1: 2014 रबर- उत्पादों के लिए सहिष्णुता- आयामी सहनशीलता
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title of the Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16755 : 2018/ ISO 16851 : 2012 Textiles Conveyor Belts- Determination of the Net Length of an Endless (Spliced) Conveyor Belt	आई एस 16755: 2018 / आई एस ओ 16851: 2012 कपड़ा कन्वेयर बेल्ट-एक अंतहीन (विभाजित) कन्वेयर बेल्ट की शुद्ध लंबाई का निर्धारण
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. & Year of the Amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title of the Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16757 : 2018 Rubber, Vulcanized or Thermoplastics- Determination of Abrasion Resistance Using a Rotating Cylindrical Drum Device	आई एस 16757: 2018 रबर, वल्केनाइज्ड या थर्मोप्लास्टिक्स- एक घूर्णी बेलनाकार ड्रम डिवाइस के उपयोग से घर्षण प्रतिरोध का निर्धारण
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. & Year of the Amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date of Cancellation रद्द होने की तिथि	NA	लागू नहीं

## NEWS YOU CAN USE

# INDIA & GHANA SIGN MOU

A Memorandum of Understanding (MoU) between the Bureau of Indian Standards and Ghana Standards Authority, Ghana, for cooperation in the fields of Standardization and Conformity Assessment was signed during the visit of Minister of Foreign Affairs and Regional Integration, Ghana to India on July 18, 2018. The MoU was signed by DG BIS in presence of Hon'ble Minister of External Affairs, Smt. Sushma Swaraj and Minister of State of External Affairs, Shri M.J. Akbar.



No.,Year & Title of the Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16764: 2018/ISO 8061: 2015 Alpine Ski-Bindings- Selection of Release Torque Values	आई एस 16772: 2018 / आई एस ओ 16872: 2015 राउंड स्टील शॉर्ट लिंक चेन लिफ्टिंग पर्पस के लिए- हाथ से संचालित चेन होइस्ट के लिए फाइन टोलरेंस लहरा चेन- ग्रेड वीएच
Date of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. & Year of the Amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title of the Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16772 : 2018/ ISO 16872 : 2015 Round Steel Short Link Chains for Lifting Purposes- Fine Tolerance Hoist Chains for Hand Operated Chain Hoists- Grade VH	आई एस 16773: 2018 / आई एस ओ 16877: 2015 राउंड स्टील शॉर्ट लिंक चेन फॉर लिफ्टिंग पर्पस - फाइन टोलरेंस होइस्ट चेन फॉर हैंड ऑपरेटेड चेन होइस्ट्स - ग्रेड वीएच
Date of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. & Year of the Amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date of Cancellation रद्द होने की तिथि	NA	लागू नहीं



No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16773: 2018/ISO 16877 : 2015 Round Steel Short Link Chains for Lifting Purposes – Fine Tolerance Hoist Chains for Hand Operated Chain Hoists – Grade TH	आई एस 16773: 2018 / आई एस ओ 16877: 2015 राउंड स्टील शॉर्ट लिंक चेन फॉर लिफ्टिंग पर्पस – फाइन टोलरेन्स होइस्ट चेन फॉर हैंड ऑपरेटेड चेन होइस्ट्स – ग्रेड टीएच
Date Of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title of the Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO 16929 : 2013 Plastics- Determination of the Degree of Disintegration of Plastic Materials Under Defined Composting Conditions in a Pilot- Scale Test (First Revision)	आई एस / आई एस ओ 16929:2013 प्लास्टिक- एक पायलट में परिभाषित खाद की शर्तों के तहत प्लास्टिक सामग्री के विघटन की डिग्री का निर्धारण- स्केल टेस्ट (प्रथम संशोधन)
Date of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. & Year of the Amendment संशोधन की तिथि एवं वर्ष	IS/ISO 16929 : 2002 Plastics- Determination of the Degree of Disintegration of Plastic Materials Under Defined Composting Conditions in a Pilot- Scale Test	आई एस / आई एस ओ 16929: 2002 प्लास्टिक- एक पायलट में परिभाषित खाद की शर्तों के तहत प्लास्टिक सामग्री के विघटन की डिग्री का निर्धारण- स्केल टेस्ट
Date of Cancellation रद्द होने की तिथि	5 Mar. 2018	5 मार्च 2018
No.,Year & Title of the Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO 20301: 2014 Health Informatics – Health Cards General Characteristics (First Revision)	आई एस / आई एस ओ 20301: 2014 स्वास्थ्य सूचना विज्ञान – स्वास्थ्य कार्ड सामान्य लक्षण (पहला संशोधन)
Date of Establishment संशोधन की संख्या और तिथि	5 Mar. 2018	5 मार्च 2018
No. & Year of the Amendment संशोधन की तिथि एवं वर्ष	IS/ISO 20301: 2006 Health Informatics – Health Cards General Characteristics	आई एस / आई एस ओ 20301: 2006 स्वास्थ्य सूचना विज्ञान – स्वास्थ्य कार्ड सामान्य लक्षण
Date of Cancellation रद्द होने की तिथि	5 Mar. 2018	5 मार्च 2018
No.,Year & Title of the Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 1448 (P : 129) : 2018 Methods of Test for Petroleum and Its Products (P : 129) Determination of Polymeric Content in Lubricating Oils Base Stock (First Revision)	आई एस 1448 (रू 129): 2018 पेट्रोलियम और उसके उत्पादों के लिए परीक्षण के तरीके (पी: 129) चिकनाई तेल बेस स्टॉक (पहला संशोधन) में पॉलिमर सामग्री का निर्धारण
Date of Establishment संशोधन की संख्या और तिथि	16 Mar. 2018	16 मार्च 2018
No. & Year of the Amendment संशोधन की तिथि एवं वर्ष	IS 1448 (P : 129) : 1988 Methods of Test for Petroleum and Its Products (P : 129) Determination of Polymeric Content in Lubricating Oils Base Stock	आई एस 1448 (पी: 129): 1988 पेट्रोलियम और उसके उत्पादों के लिए परीक्षण के तरीके (पी: 129) चिकनाई तेल बेस स्टॉक में पॉलिमर सामग्री का निर्धारण
Date of Cancellation रद्द होने की तिथि	16 Mar. 2018	16 मार्च 2018

No.,Year & Title of the Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 1448 (P : 133) : 2018 Methods of Test for Petroleum and Its Products (P:133) Determination of Real Density of Calcined Petroleum Coke (First Revision)	आई एस 1448 (रू 133): 2018 पेट्रोलियम और उसके उत्पादों के परीक्षण के तरीके (पी: 133) कैल्क्लाइंड पेट्रोलियम कोक के पहले घनत्व का निर्धारण (पहला संशोधन)
Date of Establishment संशोधन की संख्या और तिथि	16 Mar. 2018	16 मार्च 2018
No. & Year of the Amendment संशोधन की तिथि एवं वर्ष	IS 1448 (P : 133) : 1989 Methods of Test for Petroleum and Its Products (P:133) Determination of Real Density of Calcined Petroleum Coke	आई एस 1448 (रू 133): 1989 पेट्रोलियम और उसके उत्पादों के परीक्षण के तरीके (पी: 133) कैल्क्लाइंड पेट्रोलियम कोक के वास्तविक घनत्व का निर्धारण
Date of Cancellation रद्द होने की तिथि	16 Mar. 2018	16 मार्च 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 1448 (P : 163) : 2018 Methods of Test for Petroleum and its Products (P : 163) Determination of Gasoline Diluent in Used Gasoline Engine Oils by Gas Chromatography	आई एस 1448 (रू 163): 2018 पेट्रोलियम और उसके उत्पादों के लिए परीक्षण के तरीके (पी: 163) गैस क्रोमैटोग्राफी द्वारा प्रयुक्त गैसोलीन इंजन ऑयल्स में गैसोलीन परिश्रम का निर्धारण
Date Of Establishment संशोधन की संख्या और तिथि	16 Mar. 2018	16 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 1448 (Part 170) : 2018/ISO 20623 : 2003 Methods of Test Petroleum and its Products Part 170 Determination of the Extreme – Pressure and Anti – Wear Properties if Fluids – Four Ball Method (European Conditions)	आई एस 1448 (भाग 170): 2018 / आई एस ओ 20623: 2003 टेस्ट पेट्रोलियम के तरीके और इसके उत्पाद भाग 170 चरम – दबाव और विरोधी पहनने के गुणों का निर्धारण यदि तरल पदार्थ – फोर बॉल विधि (यूरोपीय स्थितियां)
Date Of Establishment संशोधन की संख्या और तिथि	16 Mar. 2018	16 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 2026 (Part 10/Sec-1): 2018/IEC 60076-10-1 : 2016 Power Transformers Part 10 Determination of Sound Levels Section 1 Application guide	आई एस 2026 (भाग 10 / सेक -1): 2018 / आई ई सी 60076- 10-1: 2016 पावर ट्रांसफॉर्मर भाग 10 ध्वनि स्तर का निर्धारण धारा 1 आवेदन गाइड
Date Of Establishment संशोधन की संख्या और तिथि	16 Mar. 2018	16 मार्च 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नहीं
Date Of Cancellation रद्द होने की तिथि	NA	लागू नहीं

# NEW ADDITIONS TO OUR SHELVES

The BIS' collection of standards literature is always being supplemented

**INTERNATIONAL ORGANIZATION FOR STANDARDIZATION (Geneva). ISO 6405-2-2017.** Earth-moving machinery – Symbols for operator controls and other displays- Part 2: Symbols for specific machines, equipment and accessories. The Organization, Geneva, 2017. Acc. No. 807978

**INTERNATIONAL ORGANIZATION FOR STANDARDIZATION (Geneva). ISO 15008-2017.** Road vehicles – Ergonomic aspects of transport information and control systems- Specifications and test procedures for in-vehicle visual presentation. The Organization, Geneva, 2017. Acc. No. 807979

**BUREAU OF INDIAN STANDARDS (New Delhi). IS 9573-1-2017.** Rubber hose for liquefied petroleum gas (LPG) – Specification. Part 1: Industrial application. The Bureau, New Delhi, 2017. Acc. No. 807912

**BUREAU OF INDIAN STANDARDS (New Delhi). IS 9573-2-2017.** Rubber hose for liquefied petroleum gas (LPG) – Specification. Part 2: Domestic and commercial application. The Bureau, New Delhi, 2017. Acc. No. 807913

**BRITISH STANDARDS INSTITUTION (London). BS EN 9132-2017.** Aerospace series – Quality management systems – Data matrix requirements for parts marking. The Institution, London, 2017. Acc. No. 807985

**INTERNATIONAL ELECTROTECHNICAL COMMISSION (Geneva). IEC 61010-1-2017.** Safety requirements for electrical equipment for measurement, control, and laboratory use- Part 1: General requirements. The Commission, Geneva, 2017. Acc. No. 807777

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## News that Matters

### **A ROADMAP FOR ISA STANDARDIZATION**

SUN MEET ORGANIZED  
BY THE INTERNATIONAL SOLAR  
ALLIANCE (ISA)

The International Solar Alliance (ISA) organized the SUN Meet on July 25, 2018 at New Delhi that saw the participation of the Electrotechnical (ETD) Department of the Bureau of Indian Standards (BIS). The event saw a presentation that focused on the developments made by the expert group at BIS (under the leadership of DG, BIS) for developing a roadmap for ISA standardization.

The delegates at the SUN meet were apprised of the information being sought through a questionnaire (which would be circulated to all the member countries shortly) devised to assess the present state of readiness of ISA member countries with regards to solar technology.





## COMMITTEE MEETING ON ENVIRONMENTAL ISSUES

### EXPERT COMMITTEE MEETING TO FINALIZE ENVIRONMENTAL STANDARD

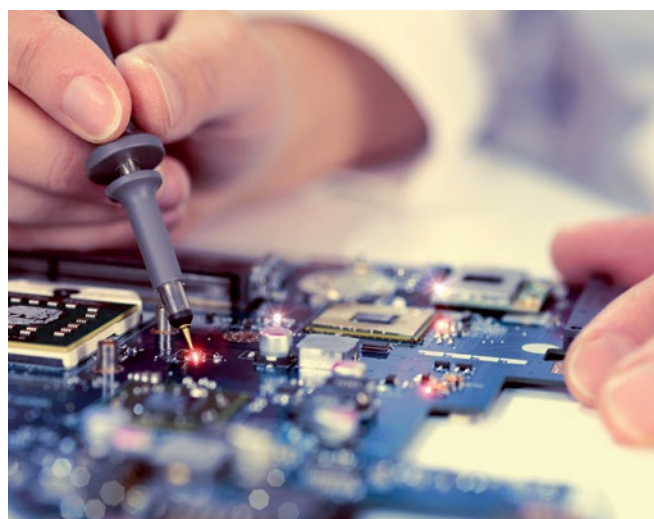
BIS was part of the 15th Expert Committee Meeting to finalize the environmental standards organized by the Ministry of Environment, Forests & Climate Change on July 5, 2018 in New Delhi. BIS was represented by the Chemical (CHD) Department of BIS. Discussions were held on draft environmental standards on the following subjects: brick, kiln industry, man-made fibre industry, paint industry, iron and steel industry, automobile service station, bus depots and workshops, PVC pipes (lead) and sea water standards (metals and pesticides).



## A JOINT MEETING

### NATIONAL SEMINAR ON NBC 2016 AND INDIAN STANDARDS

A two-day National Seminar was organized by BIS jointly with the Indian Geotechnical Society-Guntur Chapter and RVR & JC College of Engineering, Guntur on July 6-7, 2018. Titled 'Innovations and Case Studies in Geotechnical Engineering,' the event presentations were made on NBC 2016 and Indian Standards in the field of soil and foundation engineering and various innovative technologies and case studies. The event saw the participation of the Chemical Engineering Department of the Bureau of Indian Standards.



## AN INDUSTRY MEET

### BIS INDUSTRY MEET FOR INTERACTION IN THE ELECTRO TECHNOLOGY SECTOR

The Bureau of Indian Standards held a meeting with respect to interaction in the electro technology sector on July 20, 2018 at New Delhi. This meeting was intended to encourage the industries for active participation in the standards formulation activity. Industry associations made presentations highlighting their expectations from BIS and emerging areas that need to be taken up on priority for standardization. The meeting saw the presence of the Electrotechnical (ETD) Department of BIS. Meanwhile, a one-day National Workshop was organized by BIS jointly with the Institution of Engineers (India) Delhi State Centre. A lecture was delivered on 'Administrative Provisions of the National Building Code of India 2016: Overview of Part 4 Fire and Life Safety'.

## INDIAN ECONOMY ON A GROWTH PATH

INDIA'S ECONOMY IS PROJECTED TO GROW 7.6% IN 2018-19: UN WESP

According to UN World Economic Situation and Prospects (WESP), India's economy is projected to grow 7.6% in fiscal year 2018-19, making it the fastest growing economy in the world. GDP growth in India is expected to be 7.5% and 7.6% in fiscal years 2017-18 and 2018-19 respectively. This is a substantial recovery from the 6.7% growth India registered in fiscal year 2017. Growth in India is gaining momentum, underpinned by robust private consumption, a slightly more supportive fiscal stance and benefits from past reforms. Though capital spending in India has shown signs of revival, more widespread and sustained recovery in private investment remains a crucial challenge in India. South Asia: GDP growth in the region is expected to strengthen to 6.6% in 2018 and 6.8% in 2019, following an expansion of 6% in



2017. It remains favourable, amid robust domestic demand, strong infrastructure investment and moderately accommodative monetary policies. Moreover, regional inflation is anticipated to remain stable and at relatively low levels.

## ADB POSITIVE ON INDIAN ECONOMY

INDIA TO REMAIN FASTEST GROWING MAJOR ECONOMY TILL 2019-20: ADB

According to the Asian Development Bank (ADB), India will continue to be fastest growing major economy, ahead of China, with a growth rate of 7.3% in 2018-19 and 7.6% in 2019-20. The growth projections were supplement to ADB's Asian Development Outlook (ADO).

Key Highlights Growth in Asia and Pacific's developing economies for 2018 and 2019 will remain solid as it continues apace across the region despite rising tensions between the US and its trading partners. Concerns for the region include trade measures and rising trade tensions in the region. But the prudent macroeconomic and fiscal policy-making will help economies



across the region prepare to respond to external shocks, ensuring that growth in the region remains robust. South Asia will continue to be the fastest growing sub-region in Asia Pacific, led by India, whose economy is on track to meet the projected growth of 7.3% for 2018 and further

accelerating to 7.6% in 2019, as measures taken to strengthen the banking system and tax reform boost investment. The growth in India will be driven by increased public spending, uptick in private investment and higher capacity utilisation rate.



## A MEETING OF THE STARTUPS

### MEETING ON MEDICAL DEVICE INDUSTRY STARTUPS

A meeting on Medical Device Industry 'Startups' with BIS and DHR was held at the Bureau of Indian Standards Headquarters in New Delhi on July 23, 2018. In the meeting, the need for the formulation of Indian Standards on the new products being developed by the startups were emphasized. Participants also mentioned that new subjects be taken up with ISO/IEC as new work proposals for the development of International Standards, thereby supporting the export of products of the startups. Medical Equipment and Hospital Planning Department officials represented BIS at the meet.




## MEET ON KEY ISSUES

### MEETING ON SUSTAINABLE MANAGEMENT OF WATER

A meeting on the sustainable management of water – sustainable development goals (SDGS), organized by Delhi Jal Board was held in June in New Delhi. The meeting that was represented by the Chemical Department (CHD) of BIS, proposed for the development of standards on recycling and re-use of industrial effluents and community effluents water. The CHD also met to discuss the issue of draft QCO in respect of i) Flat Transparent Sheet Glass and ii) Safety Glass organized by DIPPI. Stakeholders expressed their concerns on certain aspects of implementation of QCO. BIS gave inputs regarding these concerns. It was tentatively decided to hold a meeting of the BIS Certification Department & Industry to sort out issues, if any.

## UTILIZING FLY ASH

### MEETING ON FLY ASH UTILIZATION IN THE CONSTRUCTION INDUSTRY

The second meeting of the Committee for Encouraging Fly Ash Utilization in the Construction of Hydro-Power Projects, organized by Central Electricity Authority, was held in June, in New Delhi. A meeting that saw the participation of the Chemical Engineering Department (CED) of the BIS saw discussions being held on constraints for increasing the utilization of fly ash in the construction industry, especially in mass construction and various strategies being proposed. Meanwhile, the TED and the PCD Departments of BIS held a meeting with a German delegation to discuss the progress of work plan 2018-19. During the meeting, held at the BIS Headquarters in June, discussions were held on the proposed area of co-operation i.e., on toys, which is an identified item related to petroleum, coal and related products (PCD). 



# STANDARDS IN SANITATION

International cleanliness  
and health standards  
in street foods and  
food courts

BY NISCHAY MALHOTRA

**PEOPLE** have the right to expect the food they eat to be safe and suitable for consumption. Foodborne illness and foodborne injury are at best unpleasant; at worst, they can be fatal. But there are also other consequences. Outbreaks of foodborne illness can damage trade and tourism, and lead to loss of earnings, unemployment and litigation. Food spoilage is wasteful, costly and can adversely affect trade and consumer confidence.

International food trade, and foreign travel, are increasing, bringing important social and economic benefits. But this also makes the spread of illness around the world easier. Eating habits too, have undergone major change in many countries over the last two decades and new food production, preparation and distribution techniques have developed to reflect this. Effective



hygiene control, therefore, is vital to avoid the adverse human health and economic consequences of foodborne illness, foodborne injury and food spoilage. Everyone, including farmers and growers, manufacturers and processors, food handlers and consumers, have a responsibility to assure that food is safe and suitable for consumption.

Cleanliness, so the expression goes, is next to godliness, and while no expert would elevate the need for a tidy restaurant to the realm of spiritual enlightenment, many are passionate about one point: Now is not the time to slack on the suds. According to a recent retail consumer study, 14 percent of consumers polled said they would stop visiting a store that was not as clean as they would like. Moreover, 29 percent said they would continue visiting an unclean store only if it was absolutely necessary. While this study focused on a wide range of retail establishments, the quick-service sector would be wise to pay attention to these figures.

Almost everyone in urban India relishes street food, but there are no regulations in place to ensure that the food is safe and prepared in hygienic conditions. The Bureau of Indian Standards (BIS) plans to plug this loophole.

- It has finalized the norms for street food vendors. BIS officials have maintained the standard pertains to food safety in terms of the location of vending spots and hygienic food preparation practices to be followed by the vendors.
- A check will be kept on both mobile and fixed food vendors.
- BIS will also ensure that the standards related to water and waste







On-farm programmes which achieve specific food safety goals are becoming an important part of primary production

management are not overlooked. BIS further advises;

Producers should as far as practicable implement measures to:

- Control contamination from air, soil, water, feedstuffs, fertilizers (including natural fertilizers), pesticides, veterinary drugs or any other agent used in primary production.
- Control plant and animal health so that it does not pose a threat to human health through food consumption, or adversely affect the suitability of the product.
- Protect food sources from faecal and other contamination.

In particular, care should be taken to manage wastes, and store harmful substances appropriately. On-farm programmes which achieve specific food safety goals are becoming an important



part of primary production and should be encouraged.

Food Safety and Standards Authority of India is implementing a “clean street food hub programme” so that you can enjoy your chaat and golguppas without bothering about hygiene. The autonomous body has identified 144 clusters across the country that would be audited by FSSAI along with state authorities for cleanliness and hygiene.

Such clusters would be encouraged to keep up with certain practices and standards and the ones that meet the criteria will be given a clean street food hub certificate. As part of this move, the organisation also



ordered online delivery platforms such as Zomato and Swiggy to delist restaurants and food business operators that do not comply with its regulations. Moreover BIS has advised the following.

Procedures should be in place to:

- Sort food and food ingredients to segregate material which is evidently unfit for human consumption.
- Dispose of any rejected material in a hygienic manner.
- Protect food and food ingredients from contamination by pests, or by chemical, physical or microbiological contaminants or other objectionable substances during handling, storage and transport.

Care should be taken to prevent, so far



These systems should be applied throughout the food chain to control food hygiene throughout the shelf-life of the product through proper product and process design

as reasonably practicable, deterioration and spoilage through appropriate measures which may include controlling temperature, humidity, and/or other controls. Another step BIS took was that food business operators should control food hazards through the use of certain systems. They should:

- Identify any steps in their operations which are critical to the safety of food.
- Implement effective control procedures at those steps.
- Monitor control procedures to ensure their continuing effectiveness.
- Review control procedures periodically, and whenever the operations change.

These systems should be applied throughout the food chain to control food hygiene throughout the shelf-life of the product through proper product and process design. Not only hygienic environs, this will also provide better employment opportunities. This will improve the prospects of 20 lakh street food vendors in India and give tourism a boost. 🏠

*—The writer is from Symbiosis, Pune and currently pursuing Business Studies*



# ENSURING SAFE FOOD FOR YOU

## CHECK POINTS TO FOLLOW



**BUREAU OF INDIAN STANDARDS**  
National Standards Body

For more details, please log on to: [www.bis.gov.in](http://www.bis.gov.in)



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