मानक: पथप्रदर्शक:

स्टैंडर्ड्स इंडिया
Standards India

World Standards Day 2019

Video Standards Create A Global Stage

MARKS OF TRUST

IS:... CM/L:... Standard Mark

IS ---------- R - XXXXXXXX Registration Mark

Hallmark

भारतीय मानक ब्यूरो
BUREAU OF INDIAN STANDARDS

V. 33
I. 04
—
OCT '19 ~ NOV '19
—
NEW DELHI

मानकः पथप्रदर्शकः

BUREAU OF INDIAN STANDARDS

स्टैंडर्ड्स इंडिया
Standards India

Volume 33 Issue 04 | Oct-Nov '19 | ISSN 0970-2628

Editor & Publisher
BINOD KUMAR SINHA

ANNUAL SUBSCRIPTION
₹700.00 | £175.00 | $245.00

Edited and published by Shri Binod Kumar Sinha for Bureau of Indian Standards. The Journal has been edited, designed & printed by the AUGMENT division of Burda Media India Private Limited, Plot 378-379, 2nd Floor, Udyog Vihar, Phase 4, Gurgaon, Haryana–122015. The writing artwork and/or photography contained herein may not be used or reproduced without the express written permission of Bureau of Indian Standards and Burda Media India Private Limited. The views expressed in the journal are not necessarily those of the Bureau of Indian Standards or Burda Media India Private Limited. No claim for missing issues will be accepted after six months following the month of publication of the issue. For past issues and further information, visit **www.bis.gov.in**
Registered with the Registrar of Newspapers for India with Regd. No. R.N. 45929/87

All communication should be addressed to The Editor, Standards India, BIS, Manak Bhavan, 9 Bahadur Shah Zafar Marg, New Delhi–110002, India.
For feedback and queries write to us at standardsindia@bis.gov.in

IndianStandards @IndianStandards
IndianStandards bureau-of-indian-standards-official
BureauofIndianStandards

FROM THE EDITOR'S DESK

The theme of this issue is the same as that of this year's World Standards Day — "Video Standards Create a Global Stage". This underscores how international standards have allowed greater sophistication and accessibility of video content worldwide. It is an essential and relevant topic as the applications of video include areas such as education, healthcare, gaming, surveillance, security, public information, and much more.

In addition, technologies such as Augmented Reality (AR) and Virtual Reality (VR) are taking the application of video to a new level by providing an immersive experience, while online streaming services like Netflix, Amazon Prime Video and Zee5, among others, are ushering in a new trend and changing viewership habits and preferences. Cell phones and tablets are also becoming smarter than ever and more affordable, and there are stunning developments in Video-over-IP technology.

This issue also discusses the relationship between video content and Artificial Intelligence (AI), as creators now utilize AI in many aspects of the business, and the existing protocols are changing rapidly. This is but a sneak peek into a radically different future, with ramifications in information, entertainment, and marketing strategy. We are sure you will enjoy this issue, and your valuable feedback is welcome on standardsindia@bis.gov.in.

Binod Kumar Sinha,
Editor & Publisher

इस अंक का विषय इस वर्ष के विश्व मानक दिवस के विषय के समान है और यह है – "वीडियो मानक एक वैश्विक मंच बनाता है"। यह रेखांकित करता है कि अंतर्राष्ट्रीय मानकों ने दुनिया भर में कैसे वीडियो सामग्री की अधिक परिष्कार और पहुंच की अनुमति दी है। यह एक आवश्यक और प्रासंगिक विषय है क्योंकि वीडियो के अनुप्रयोगों में शिक्षा, स्वास्थ्य सेवा, गेमिंग, निगरानी, सुरक्षा, सार्वजनिक जानकारी और बहुत कुछ ऐसे क्षेत्र शामिल हैं।

इसके अलावा, ऑगमेंटेड रियलिटी (एआर) और वर्चुअल रियलिटी (वीआर) जैसी तकनीकें वीडियो के अनुप्रयोग को एक शानदार अनुभव प्रदान करके एक नए स्तर पर ले जा रही हैं, जबकि नेटफ्लिक्स, अमेज़ॉन प्राइम वीडियो और जी 5 जैसी ऑनलाइन स्ट्रीमिंग सेवाएं भी लोगों के साथ हैं। यह एक नए चलन की शुरुआत करके दर्शकों की आदतों और वरीयताओं को बदल रहा है। सेल फोन और टैबलेट भी स्मार्ट और अधिक सस्ती होते जा रहे हैं, और वीडियो-ओवर-आईपी तकनीक में आश्चर्यजनक विकास हुआ है।

यह अंक वीडियो सामग्री और कृत्रिम बुद्धिमत्ता (एआई) के बीच संबंधों पर भी चर्चा करता है, क्योंकि निर्माता अब व्यवसाय के कई पहलुओं में एआई का उपयोग करते हैं, और मौजूदा प्रोटोकॉल तेज़ी से बदल रहे हैं। यह सूचना, मनोरंजन और विपणन रणनीति में प्रभाव के साथ एक अलग तरह के भविष्य की झलक है। हमें यकीन है कि आप इस अंक का आनंद लेंगे, और आपकी बहुमूल्य प्रतिक्रिया का हम standardsindia@bis.gov.in पर स्वागत करते हैं।

बिनोद कुमार सिन्हा,
संपादक एवं प्रकाशक

CONTENTS

OCTOBER–NOVEMBER 2019

FEATURES

NEWS

DEPARTMENTS

विषय सूची

अक्टूबर–नवम्बर 2019

उल्लेख

समाचार

विभाग

TOOLBOX OF RISK MANAGEMENT STANDARDS

UNDERSTANDING RISK WITH NEWLY UPDATED INTERNATIONAL STANDARD

All businesses face threats on an ongoing basis, ranging from unpredictable political landscapes to rapidly evolving technology and competitive disruption. IEC and ISO have developed a toolbox of risk management standards to help businesses prepare, respond and recover more efficiently. It includes a newly updated standard on risk assessment techniques.

When the only certainty is uncertainty, the IEC and ISO 'risk management toolbox' helps organizations keep ahead of threats that could be detrimental to their success.

IEC 31010, Risk management — Risk assessment techniques — features a range of techniques to identify and understand risk. It has been updated to expand its range of applications and to add more detail than ever before. It complements ISO 31000, Risk management. IEC 31010 describes the process to be followed when assessing risk, from defining the scope to delivering a report. It introduces a wide range of techniques for identifying and understanding risk in a business or technical context.

The IEC and ISO risk management toolbox features internationally agreed standards with best practice and benchmarks on how to manage risk, as well as a risk management framework, agreed principles and processes. Professor Jean Cross, who is the Convenor of the group of experts who maintain and revise IEC 31010 said, "IEC 31010 is a valuable complement to ISO 31000 by providing detail on how risk can be assessed and describing the advantages and disadvantages of the different techniques that can be used".

IEC 31010 was developed by Joint Working Group 16, which brings together experts from IEC Technical Committee 56, Dependability, and ISO/TC 262, Risk management. The secretariat of both committees is held by BSI, the IEC and ISO member for the UK. The ISO 80000 series was developed by technical committee ISO/TC 12, Quantities and units.

NEW TECHNICAL COMMITTEE

SHARING ECONOMY GETS BOOST WITH NEW ISO TECHNICAL COMMITTEE

The sharing economy was born, at least in part, with the spirit of creating communities and reducing over-consumption. While some of that remains, there has also been a sharp shift of focus towards price and convenience, bringing with it as many opportunities as challenges. Consumers may pay less and get new forms of goods, services or experiences, but questions are sometimes raised over privacy, reliability or trustworthiness. There are also issues related to working conditions, providing convenience for some, precarity for others.

It is one of the fastest-growing areas of the world economy, and it's not slowing. Books, cars, flats and everything in between is up for sharing these days, and it's big business.

Standardization can reduce these woes and exploit the benefits that such a business model can bring, by providing internationally-agreed ways of working that take into account everyone's needs: consumers, business and government. In 2017, ISO stepped in, bringing together some of the world's leading experts on the subject to develop high-level international guidance and a foundation for future standards in the form of IWA 27, Guiding principles and framework for the sharing economy. This document provides guiding principles and a framework for decision making and actions to take to address key social, environmental and economic impacts and opportunities.

BUILDING RESILIENCE

NEW ISO STANDARD FOR URBAN RESILIENCE IN DEVELOPMENT

The top 600 cities in the world house 20% of the global population but produce 60% of the world's GDP, and the numbers are growing. It is estimated that, by 2050, 68% of us will be living in cities, increasing the scale of impact when disasters strike. Which they will. In 2018, for example, more than 17 million were displaced by sudden-onset disasters such as floods. With climate change making such disasters more frequent and less predictable, urban areas need to be prepared.

Work has now started on a new ISO standard for urban resilience, aimed at supporting national and local governments build their capacity to face the new challenges arising from climate change and shifting demographics. It will define a framework for urban resilience, clarify the principles and concepts, and help users to identify, implement and monitor appropriate actions to make their cities more resilient. The development of the standard is being led by UN-Habitat, the United Nations programme for human settlements, as part of their urban resilience programme. It will benefit from their 15 years of experience in the field, as well as that of international experts on the ISO technical committee responsible for the standard, ISO/TC 292, Security and resilience.

Urbanization is increasing, placing pressure on resources and infrastructure like never before. Work on a new International Standard for urban resilience, led by the United Nations, has just kicked off, aiming to help local governments build safer and more sustainable urban environments.

Esteban Leon, Head of the City Resilience Profiling Programme at UN-Habitat, and a key member of the working group developing the standard, highlighted that a resilient city must assess, plan and act to prepare for and respond to all challenges, whether they are sudden or not.

STANDARDS ON INNOVATION

SHAPING A NEW FUTURE WITH INNOVATION MANAGEMENT STANDARDS

Innovation is an increasingly important contributor to the success of an organization, enhancing its ability to adapt in a changing world. Novel and innovative ideas give rise to better ways of working, as well as new solutions for generating revenue and improving sustainability.

Ultimately, big ideas and new inventions are often the result of a long series of little thoughts and changes, all captured and directed in the most effective way. One of the most efficient ways of doing just that is an innovation management system that provides a systemic approach to integrate innovation into all the layers of the organizations in order to seize and create opportunities for the development of new solutions, systems, products and services. The first International Standard for such systems has just been published.

ISO 56002, Innovation management — Innovation management system — Guidance, covers all aspects of innovation management, from how to generate those first sparks of an idea, right through to selling something new in the marketplace. It considers the context that an organization is working in, the culture, strategy, processes and impact. It crosses many types of activities including products and services, business models, organizational innovation and more, and is applicable to all types of organizations, regardless of size or type.

SAFETY AT EVERY LEVEL

FIRST INTERNATIONAL STANDARD FOR PASSENGER LIFTS GETS PUBLISHED

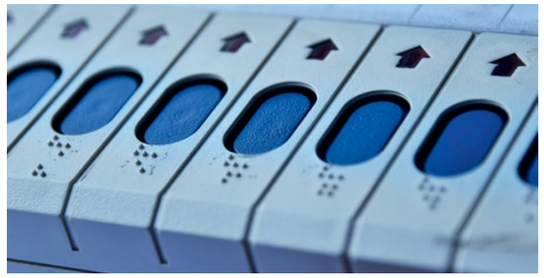
They started thousands of years ago as manually operated pulleys, such as those operated by slaves in the Roman Colosseum. Now some are breathtaking feats of engineering, such as the Gateway Arch in Missouri. There are three main standards in use around the world to outline the mechanical and operational characteristics of lifts, all arriving at a similar level of safety and quality.

There are hundreds of thousands of goods and passenger lifts in use at any given moment around the world, safely transporting us up and down buildings thanks to some pretty rigorous standards.

ISO 8100, Lifts for the transport of persons and goods – Part 1: Safety rules for the construction and installation of passenger and goods passenger lifts and Part 2: Design rules, calculations, examinations and tests of lift components overcome this by providing internationally agreed requirements that has worldwide approval for use in all economic areas and is compliant with all local legislation. Dr. Gero Gschwendtner, chair of the ISO technical committee that developed the standards said the harmonization of the existing standards removes the barrier to international trade and ensures the same safety level for all our stakeholders all over the world. "This will not only reduce administration for many businesses in the field, but will also provide a platform for safety, innovation and new technologies to grow." ISO 8100 was developed by ISO technical committee ISO/TC 178 Lifts, escalators and moving walks.

ELECTORATE FRIENDLY

IMPROVING ELECTORAL SYSTEMS WITH NEW INTERNATIONAL QUALITY MANAGEMENT GUIDANCE



The technical specification ISO/TS 54001, Quality management systems – Particular requirements for the application of ISO 9001:2015 for electoral organizations at all levels of government, creates the framework for a quality management system that helps electoral bodies provide more reliable and transparent electoral services. It is based on ISO 9001 Quality management systems with specific sector requirements. It has been recently updated to reflect updates to ISO 9001 to keep it more in line with market needs.

Katie Altoft, chair of the ISO technical committee responsible for its development said it is an important tool for electoral organizations because it helps to build confidence in elections through enabling transparency, effective planning and management, and efficiency in electoral processes. "Every electoral body will have its own legal framework based on international and national law, so this is not intended to replace it," she said.

It covers all aspects of a successful election such as registration of candidates and voters, vote casting and counting, declaration of results and resolution of electoral disputes.

One of the key organizations behind the proposal for the TS was the Organization of American States (OAS), whose purpose includes promoting peace and democracy.

ISO/TS 54001 was developed by ISO technical committee ISO/TC 176 Quality management and quality assurance.

CONNECTING THE DOTS IN A CIRCULAR ECONOMY

NEW ISO TECHNICAL COMMITTEE JUST FORMED

It's a well-known fact that the rise in consumerism and disposable products is choking our planet and exhausting it at the same time. Before we reach the day where there is more plastic in the sea than fish, something has to be done to ebb the flow. According to the World Economic Forum, moving towards a circular economy is the key, and a 'trillion-dollar opportunity, with huge potential for innovation, job creation and economic growth'.

A circular economy is one where it is restorative or regenerative. Instead of buy, use, throw, the idea is that nothing, or little is 'thrown', rather it is reused, or regenerated, thus reducing waste as well as the use of our resources.

While many organizations 'do their bit' in terms of recycling or sourcing locally, we are far from a world where the economy is truly circular, said the chair of ISO's new committee on the circular economy, Catherine Chevauche. "In order to have a new economic model, businesses need a new business model; what has been lacking is a truly global vision of what a circular economy really is and a model that any organization can adopt."

ISO/TC 323, Circular economy, is currently made up of experts from over 65 different countries, and growing.

MANAGING THE IMPACT OF CLIMATE CHANGE

FIRST INTERNATIONAL STANDARD FOR ADAPTATION PUBLISHED

Extreme weather, rising temperatures and greenhouse gas emissions are all aspects of our changing climate that can impact businesses. They can also create opportunities. A recent report by the United Nations Framework Convention on Climate Change (UNFCCC) showed that a group of the world's largest companies, worth collectively nearly USD 17 trillion, have valued the cost of climate change risks to their business at almost USD 1 trillion. On the flip side, they valued potential gains from business opportunities at more than double. Therefore, having robust plans in place to adapt to climate change is key to business success.

ISO 14090, Adaptation to climate change — Principles, requirements and guidelines, is the first in a range of ISO standards in this area and aims to help organizations assess climate change impacts and put plans in place for effective adaptation. It helps them identify and manage risks, as well as seize any opportunities that climate change may bring.

ISO 14090, Adaptation to climate change — Principles, requirements and guidelines aims to help organizations assess climate change impacts and put plans in place for effective adaptation

It offers a framework that enables organizations to give appropriate consideration to climate change adaptation when designing and implementing policies, strategies, plans and activities.

John Dora, Co-Convenor of the working group that developed the standard, said climate change impacts such as unexpected weather and temperature changes can have a significant effect on an organization's bottom line if they are not prepared for it, causing infrastructure damage or disruption to their business: "Organizational decisions are made on the basis of risks and opportunities, so understanding resilience is useful across the value chain such as in purchasing, investment and insurance."

The new ISO standard is useful for all kinds of organizations, regardless of whether they have adaptation plans in place.

News credits: ISO Focus

BIS—THE GLORIOUS PAST

1

4

2

5

6

3

1 The first meeting of Adhesive Sectional Committee CDC-30 held on November 17, 1959, under the chairmanship of Dr. B.L. Manjunath.

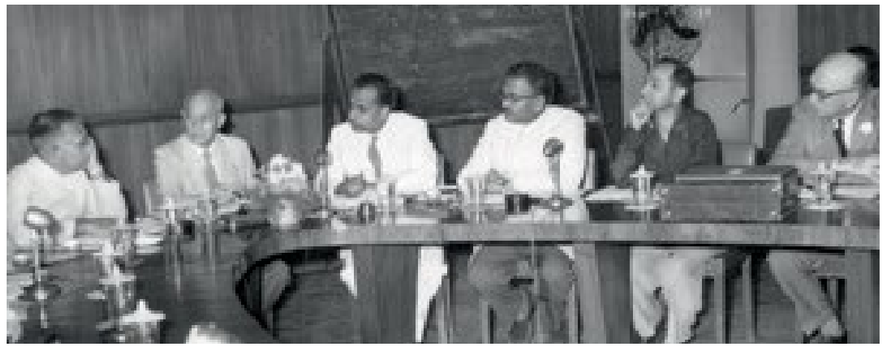
2 The third meeting of the Advisory Committee for ISI Southern Region Branch office at Madras, held on October 11, 1958.

3 The first meeting of the Food Colours Sectional Committee AFDC 19 held on August 25,1959, under the chairmanship of Shri T.R. Sathe.

4 Radio Equipment Sectional Committee meeting ET-8.

5 Shri Lal Bahadur Shastri, Union Minister for Commerce & Industry, addressing the General Council Meeting of the ISI, New Delhi, on March 30, 1959. Dr. Lal C. Verman, Director ISI, with Sri Sri Ram & Shri E. Nadirshah Vice-President, ISI.

6 The second Standing Working Committee Agriculture & Food Products Division Council Meeting, held on September 7,1959, at New Delhi, under the chairmanship of Dr. M.S. Randhawa.



7

8

9

10

7 The seventh meeting of the Building Division Council (BDC) in progress. Seated (from L to R) are Dr. Lal C. Verman, Director ISI; Shri E. A. Nadirshah, Chairman; Shri C.S. Chandrasekhara, Deputy Director (Bldg); Shri Baleshwar Nath; Shri N.J. Masani; and Lt. Gen. H. Williams.

8 Chemical Division Council CDC 22:6 Meeting

9 Chemical Division Council (CDC 22)

10 The second meeting of the Tobacco Products Sectional Committee meeting AF 13, held on July 2,1959, at Hyderabad, presided over by the Chairman of the Committee, Dr. M.S. Patel. To his right (third from left) is Dr. D.V. Karmarkar, Deputy Director (Agriculture), the Committee Secretary.

THE NEW WAVE

How Artificial Intelligence Is Redefining The Video Industry

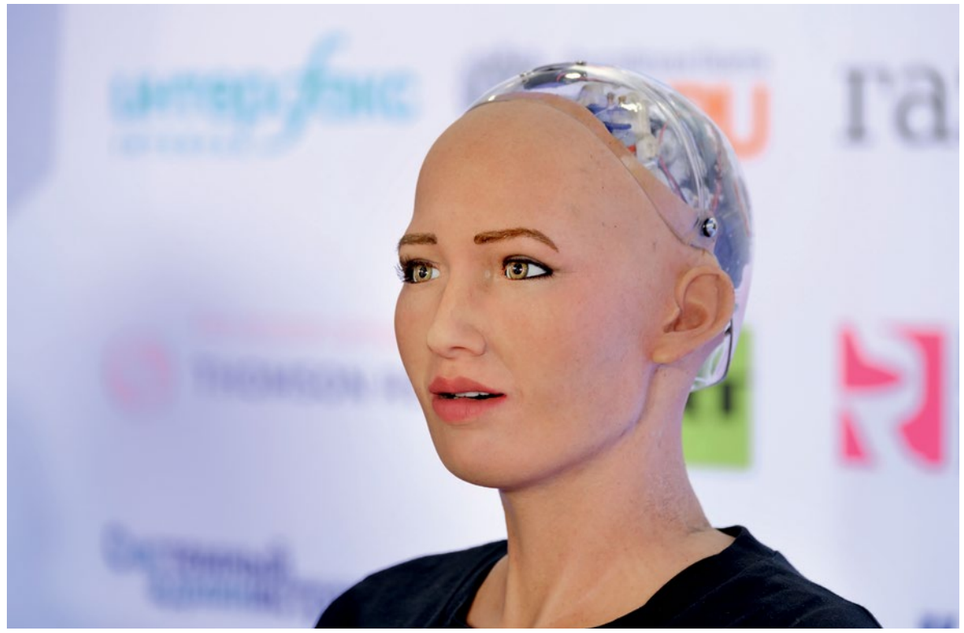
BY MAX KALMYKOV

The moment we hear the term 'artificial intelligence,' we immediately picture human-like robots and self-driving cars roaming in our communities. Artificial Intelligence technology is being implemented in an increasingly expansive range of fields. The video sector has been experimenting with utilizing AI in virtually all aspects of the business, thereby providing a sneak peek into the potential for a radically different future for the entire industry.

ARTIFICIAL INTELLIGENCE CONDUCTING VIDEO TASKS

We are familiar with drones from their use in the military and for recreational fun in the park. However, this technology is also set to improve filming in more ways than one. Advanced devices such as the DJI Phantom 4 Pro drone are capable of incredible feats that have the potential to increase the efficiency and accuracy of camera work. The newest drone models can follow a subject automatically while keeping them perfectly centred in the frame at all times. Additionally, this technology can avoid obstacles without any human intervention through the utilization of multi-directional sensors.

If the industry at large moves into using cameras that operate without a person at the controls, this will have a significant effect on video editing, as a human camera operator typically marks important takes and moments during the filming process to save time when it comes to editing. However, tech leaders are already deeply involved in the development of AI-powered editing tools that can search through footage to



AI technology is capable of completing tasks in a minuscule fraction of the time required by a person

find highlights and other moments automatically, thereby creating the ability to position AI and machine learning in the editing chair.

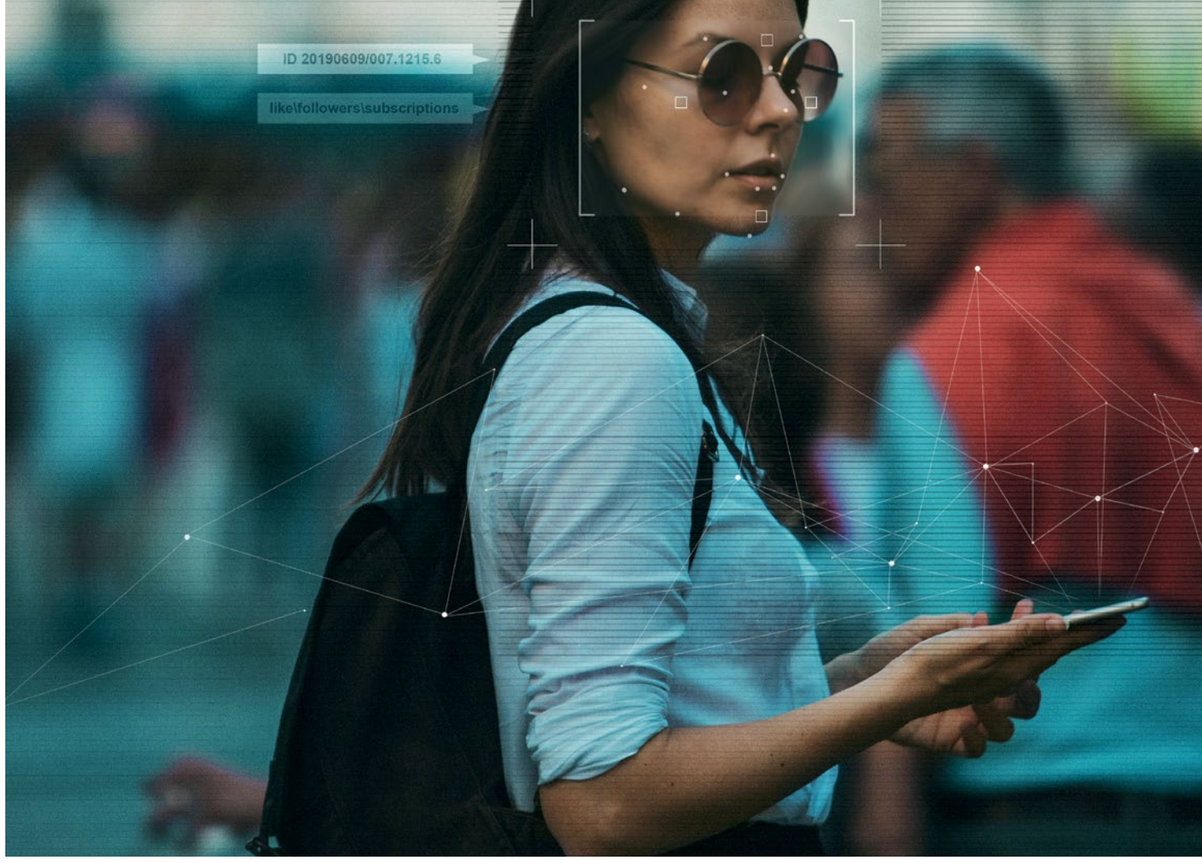
Digital distribution is another core aspect of the video industry that is set to evolve through the use of artificial intelligence. The massive quantity of internet video makes it increasingly difficult to effectively categorize content to ensure that it's reasonably easy to find in a search. Once again, technology is on the verge of solving this growing concern. One example comes from a film digitalization platform developed by AI startup Clarifai through a partnership with Vintage Cloud. With the aim of automating the process of film content classification and categorization, this platform not only dramatically accelerates the speed at which objects in a movie can be classified but also saves a massive number of human work hours at the same time.

SAVING TIME IN VIDEO CONTENT AND METADATA MANAGEMENT

Artificial intelligence technology is capable of completing tasks in a minuscule fraction of the time required by a person. This statement is particularly relevant when it comes to the extensive job of tagging and cataloguing video content. Through the use of advanced intelligent tools in combination with manual processes, metadata can not only be entered at a much quicker pace but can also be auto-tagged using Object Recognition and Face/Location Recognition technologies, thereby enhancing metadata to increase the power of content discovery. The overall tasks involved in video content management can be highly assisted with AI technology, and while people are still required for much of the decision-making, automation tools can save enormous amounts of time and strengthen accuracy.

CAN AI TRULY IMPROVE THE INDUSTRY?

As artificial intelligence increasingly intertwines with many aspects of video production and distribution, some question the value of this technology, while raising concerns about the potential loss of the very things that make our industry unique.



Information courtesy: DataArt & subject-specific research papers

Let us look at an example: ScriptBook is an AI company with a goal to change how movies are greenlit. This controversial software analyzes screenplays in several ways to determine factors that include its rating, target audience and predicted box office gross. The idea is to reduce the risk involved in approving films by using AI to predict the success of a project before a studio agrees to move forward. While this technology carries the potential to decrease the number of films that are surprisingly disappointing in regard to revenue, there's also the possibility that it will prevent the creation of movies that break radically new ground artistically, whereas human decision-makers may be capable of seeing this potential and taking the necessary risks to bring monumental films to fruition.

At the same time, when it comes to the filming, editing, and distribution processes, it appears clear that AI and ML are capable of saving massive amounts of human resources, thereby reducing the budgets required for making feature-length films and television shows without any loss of value. As is the case in every industry, resistance to new technology exists, whether it's valid or not, and over time I expect to see an increasing number of tasks being either entirely conducted or at least assisted by AI-driven tools.

CHALLENGES AND GOALS

One of the many challenges when applying artificial intelligence is the question of accountability. In other words, if things go awry, who's responsible? It's very early in the game, and the necessary regulations simply aren't in place yet. This reality is slowing down the implementation of AI in many industries, from self-driving cars to film and TV. However, work on these problems is certainly progressing, and the hope is that clear and comprehensive governance will be commonplace in the not-too-distant future.

Additionally, fears about the potential loss of jobs to automated solutions are rampant throughout our communities, as a growing number of sectors work toward providing services and products that require a decreasing amount of human labor. However, many experts believe that the opposite is true. For example, Gartner predicts that AI technology will exist in the majority of new software products by 2020, yet its implementation will create more jobs than it eliminates. Also, with Tractica forecasting global AI software revenue to reach $89.8 billion by the year 2025, I believe that artificial intelligence will not only improve the processes involved in the video industry but will also create exciting new jobs throughout our sector, leading to revolutionary improvements in the world of visual entertainment.

– The writer is VP, Media and Entertainment at DataArt

VIDEO STANDARDS CREATE A GLOBAL STAGE

With use of mobiles and smart phones gaining prominence, video cameras and videos have made inroads into the lives of every individual and revolutionized the way people experience and interact with the world

BY D. SANTOSH

We are in an era where we can't think about a world without videos, which is deeply woven in to our everyday life, be it watching television for our favourite news channel, reality show, sports, or YouTube, Netflix, or Amazon Prime. Since its inception in the late 19th century, video technology has been continually pushed to the limits and beyond.

Initially, movie cameras were developed in the late 19th century as an entertainment tool and later on video cameras were invented to use in broadcast media. A series of recent inventions has brought a number of recording, storing and processing technologies. The recent mobile/smartphone revolution brought the video camera and video into the hands of every individual and played a significant role in changing the way people experience and interact with the world.

> Technologies such as Augmented Reality and Virtual Reality are taking the applications of video to the next level by providing an immersive experience to the user

Today, application of video has spread to many areas like education, healthcare, gaming, surveillance, etc. Technologies such as Augmented Reality (AR) and Virtual Reality (VR) are taking the applications of video to the next level by providing an immersive experience to the user.

Now, Netflix, Amazon Prime video and other online streaming services are ushering in a new trend, with many companies competing for the rights

Research shows India will see significant growth in over-the-top, online gaming and Internet advertising in the next five years

to make the 'next big thing'. Cell phones are smarter than ever, tablets are more affordable, and there's no telling where Video-over-IP technology will take us, as it begins to transform into Virtual Reality. There are tremendous advances in digital trends such as interactive displays, digital signage, and reflective LCD displays.

Some video marketing statistics show that video will become even more important in the coming years. Video will consume more than 80% of global Internet traffic. Some of the video marketing trends will be:

a. Videos become more interactive
b. Videos become our "shopping buddies"
c. Vlogging and live videos
d. Show transparency

India is the fastest growing entertainment and media market globally and is expected to keep that momentum. Research shows that in the next five years, India will see significant growth in over-the-top (OTT), online gaming and Internet advertising. Growth in these sub-sectors spurs from the growing trends around personalization and increased digitalization. The Indian entertainment and media industry is expected to reach ₹4,51,373 crore by 2023, growing at a compounded annual growth rate (CAGR) of 11.28% between 2018 and 2023.

Video codecs are used in DVD players, Internet video, video on demand, digital cable, digital terrestrial television, video telephony and a variety of other applications. In particular, they are widely used in applications that record or transmit video, which may not be feasible with the high data volumes and bandwidths of uncompressed video.

As always, Standards played a significant role in the evolution of video

VIDEO STANDARDS

Composite Video

Composite video is the standard that can connect almost all consumer video equipment - television sets, DVD players, VCRs and camcorders.

Normally, it is transmitted over basic composite video cables with male RCA plugs on each end. Sometimes you will see these as dual RCA cables, which are used for stereo audio cables, and also a triple RCA cables for combined composite video and stereo audio cables.

Composite video combines the three basic elements of a video picture (colour, brightness, and synchronization data) into a single combined ("composite") signal.

S-Video

S-Video, also called Y/C, uses two separate video signals. The luminance (Y) is the black & white portion, providing brightness information. The chrominance, or chroma (C) is the colour portion, providing hue and saturation information.

In essence, an S-video signal is a composite signal that has been divided into two. This video signal, transmitted with colour and brightness on two separate channels, makes for a sharper picture image, with less granularity, on the receiving device.

S-Video is carried on cables terminated with 4-pin Mini-DIN connectors. Other types of cables (such as the Apple ADB cable) also use this same connector, although the type of wire used is different.

Since digitized granularity looks worse than analogue granularity, S-Video is preferred over composite video whenever this is an option.

TV/CATV

Coaxial TV Cable signals are carried as a single, composite-type 75-Ohm analogue signal. Usually, RG59 or RG6 coaxial wire is used, and terminated with a screw-locking F-type connector. RG59 wire is usually suitable for runs up to 750 feet without boosting, and the more robust RG-6 wire is suitable for up to 1,500 feet without boosting. The maximum signal strength allowed by the FCC is 15.5dBmV, so attenuators can be added when the signal is too high, and tilt compensators for long-distance runs.

RGB

Although Component Video is sometimes referred to as RGB video, RGB is not actually a video standard, but rather a standard for computer monitors. It requires a four conductor cable for connecting a monitor to a CPU. In concept, it is similar to S-Video. Three of the conductors carry colour information for the red, green and blue components of the image, while the fourth, called the "sync" or synchronization line, carries timing information to be used concurrently with the colour information.

Because RBG separates the video signals based on colour information and not luminance/chroma, it is possible to create an RGB to VGA cable without electronic conversions.

In this sense, RGB is not the same as component video, although component uses cables with red, green, and blue heads. Both component and RGB use separated signals for improved quality, but the signals themselves are fundamentally different.

Component Video

Component video is the final generation of analogue video, taking the advancement from composite (1-signal) to S-Video (2-signals) one step further. It has separated luma (brightness) and chroma (colour), but the chroma is also separated into two signals, red and blue. The result is a triple-headed RCA cable and an image cleaner than composite with less colour bleeding than S-Video. Although common on most DVD players and HDTVs, component video is very rare on older TV sets and VCRs.

It is important to remember that with component video, the triple-headed cables are often coloured red, green, and blue, but they do not carry colour signals. Generally, these cables are known as YUV, Y for luma and UV for the two chromas. On monitors and DVD players, the connectors are usually labeled Y/Cb/Cr, for Luma (Y), Chroma Blue (Cb), and Chroma Red (Cr).

Component also can be used for high-definition output to HDTV compatible displays. When component video is used as hi-def, it is labelled Y/Pb/Pr, to distinguish it from standard component (Y/Cb/Cr). In this case, rather than using a YUV signal, the video is transferred on a Progressive Scan signal, for high resolutions on every frame.

Because component and VGA signals are fundamentally different, it is not possible to simply adapt from one to the other. Instead, electronic VGA to Component converters and HDTV component to VGA converters are necessary.

Now after the advent of MPEG-4, we can watch UHD/ QLED/ 3D quality programmes on our television/mobile using almost similar bandwidth available in the 1990's

technologies, especially when the video started moving from an analogue to the digital format. The earliest forms of digital video coding began in the 1970s and ITU-T came up with the first video coding Standard H.120, which was followed by a series of codecs/coding Standards like MPEG-1, MPEG-2, MPEG-4, H.264, which became the standard video format for DVD and SD digital television. There are other formats like AVI, FLV, MOV, 3gpp used by other applications like YouTube, Facebook and mobile applications. The video Standards plays an important role in reducing the size of the video, which in turn reduces the required storage space and bandwidth.

BROADCAST STANDARDS

Another group of standards combine technical and legal definitions. These are called ATSC, NTSC, PAL, and SECAM.

ATSC

ATSC stands for Advanced Television Systems Committee, but the acronym is synonymous with the group's standard for digital television broadcast. ATSC is used for over-the-air transmission of HDTV signals, replacing the former analogue standard NTSC. It can support video resolutions up to 1080p and 5.1 surround audio, and can be picked up on the same frequency UHF/VHF antennas as NTSC.

NTSC

NTSC stands for National Television Standards Committee, and is synonymous with the video transmission standard for North and Central America, including Mexico, Canada and Japan. Its technical format is 525 lines per frame at roughly 30 frames per second refresh rate. The video is interlaced over the even and odd scanlines, for an apparent refresh rate of 60fps. In quality, NTSC is equivalent to a composite signal, but is not necessarily equivalent to the output from a video capture card that may claim to be NTSC-legal.

NTSC is no longer utilized in the United States, having been replaced with the digital ATSC standard in 2009.

PAL

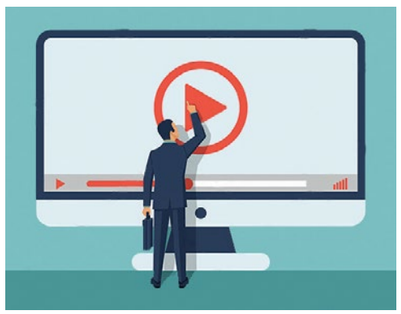
PAL (Phase Alteration Line) is the European counterpart to the NTSC standard. It has a higher vertical resolution (625 lines per frame) but a lower refresh rate (25 frames per second) that can cause flickering. It is the standard for the UK, Western Europe, the Middle-East, and parts of Africa and South America.

SECAM

SECAM (Systeme Electronic Pour Couleur Avec Memoire) is very similar to PAL. It specifies the same number of scanlines and frames per second, but differs in that chrominance (colour) is FM modulated. It is the broadcast standard for France, Russia, and parts of Africa and Eastern Europe.

In the last two decades, video techniques had taken a quantum jump, requiring very high data and bandwidth. Both being highly valued and limited, at international level, there are various Technical Committees under ISO and IEC working on both, reducing the data through compression techniques, and also enabling the high use of bandwidth using advanced modulation techniques. What had started by simply compressing digital pictures using JPEG in the early 1990s to be used in digital camera. Now after the advent of MPEG-4, we can watch UHD/QLED/ 3D quality programmes on our television/ mobile using almost similar bandwidth available in the 1990s. Improvement in communication technologies have enabled new generation Set Top Boxes (STPs) to both receive and decode complex digital signals into mesmerizing video content.

Internationally, software compression is being done by various ISO/IEC JTC 1/SC 23 and SC 29 committees. While the hardware part of technology is being looked after by IEC Committees IEC TC 100 and TC 110, the modulation or transmission part is being looked after by Digital Video Broadcasting (DVB), an international industry consortium mainly comprising European Standards Body. This technology is used for transmission for Terrestrial, Cable TV, Direct to Home, Over the Top Set Top Box (Amazon Fire Stick, etc.) or Smart TV using complex digital video transmission technologies.



At the national level, BIS is actively involved in the International Standardization work in the area of video Standards through the Technical Committee "ISO/ IEC JTC 1/SC 29 Coding of audio, picture, multimedia and hypermedia information", which is responsible for developing Standards for video compression. BIS has also prepared indigenous Standards in the field of Set Top Boxes for cable TV, Direct-to-Home, Terrestrial TV and IP-TV. The BIS Committees have also prepared indigenous Standards on Optical Fibres network for allowing high speed data transmission and also preparing Standards for next generation LEDs and advanced TV Standards.

—The author is Scientist-B, Electronics & IT Department, Bureau of Indian Standards

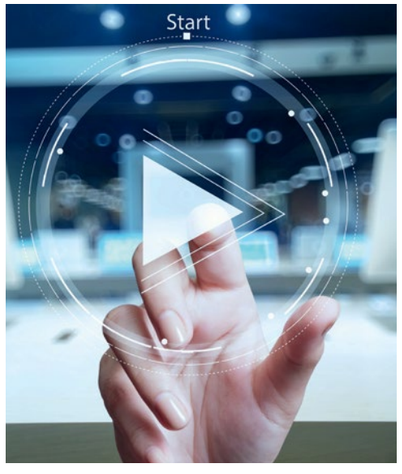
VIDEO AND STANDARDS

THE INNOVATION IN RECENT DECADES HAS SEEN VIDEO QUALITY TAKE A HUGE LEAP FORWARD

BY PALLAVI SINGH

World Standards Day, 14 October, is an international day of observance recognized worldwide since 1970. Coordinated by IEC, ISO and ITU, World Standards Day celebrates the collaborative efforts of the thousands of public and private-sector experts that dedicate their time and expertise to the development of International Standards.

The innovation of recent decades has driven a huge leap forward in video quality. And, video has also become more accessible, helping people worldwide to share their stories in vivid, moving pictures. These gains in both the sophistication and accessibility of video are built on International Standards. The video compression algorithms standardized in collaboration by IEC, ISO and ITU have been honoured with two Primetime Emmy Awards, recognizing that these standards are central to the industry's ability to meet the rising demand for video, one of the most bandwidth-intensive applications running over global networks.



WORLD STANDARDS DAY 2019 IS THEMED "VIDEO STANDARDS CREATE A GLOBAL STAGE"

ISO/IEC JTC 1/SC 29 Coding of audio, picture, multimedia and hypermedia information is a standardization sub–committee of the Joint Technical Committee ISO/IEC JTC 1 of the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC), that develops and facilitates International Standards, technical reports, and technical specifications within the field of audio, picture, multimedia, and hypermedia information coding. The international secretariat of ISO/IEC JTC 1/SC 29 is the Japanese Industrial Standards Committee (JISC) located in Japan.

Scope

Standardization of coded representation of audio, picture, multimedia and hypermedia information — and sets of compression and control functions for use with information such as:

- Audio information
- Bi-level and Limited Bits-per-pixel Still Pictures
- Digital Continuous-tone Still Pictures
- Computer Graphic Images
- Moving Pictures and Associated Audio
- Multimedia and Hypermedia Information for Real-time Final Form Interchange
- Audio Visual Interactive Scriptware
- Video is the modern medium of expression. Advances in the technology have changed our world, revolutionizing entertainment, connecting friends and families across the globe, enriching our communications experiences and enabling major improvements in medical care and education.

International Standards meet industry demand for powerful compression capabilities. They also enable a smooth transition to the next generation of video compression technology, helping the industry to maximize returns on each wave of investment.

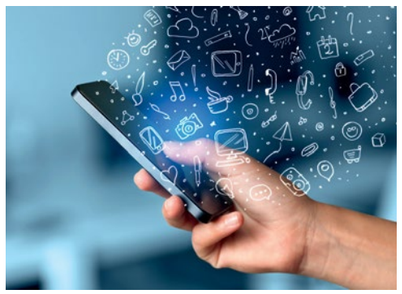
Having Standards recognized and respected all over the world means that video encoded on one device can be decoded by another, regardless of the device being used. This introduces economies of scale that help to grow the market, giving innovators the confidence to invest in new video applications and services.

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

APPS *THE NEW WAY*

New-Age Social Media Apps Are Disrupting The Traditional Ecosystem

BY NAGESH BANGA



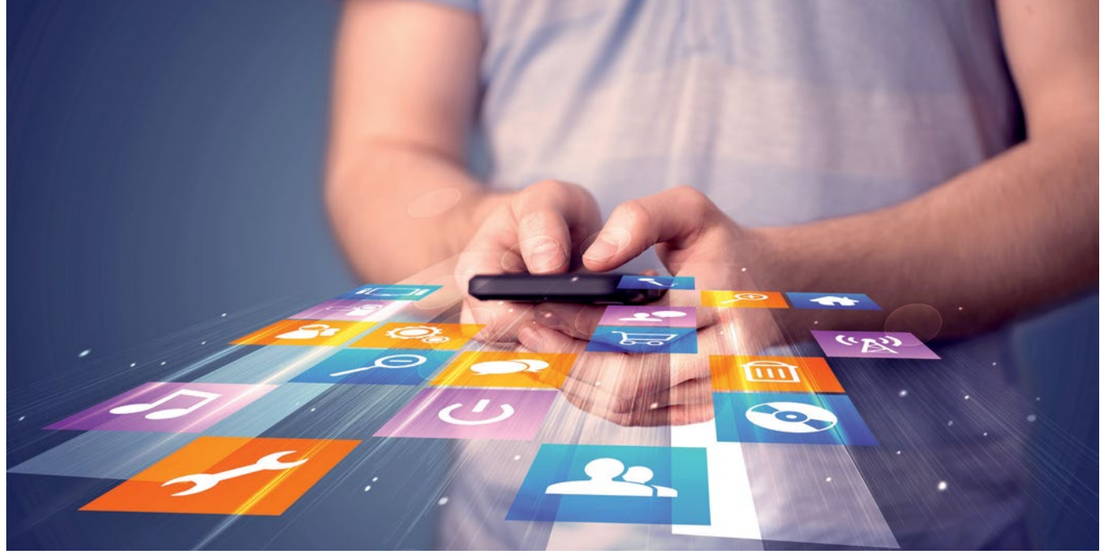
With new-age social media apps cementing their position among the top five most downloaded apps globally, a remarkable behavioural shift can be observed in the way millennials spend their time online. Though it's too early to profess if such apps will be able to emerge as a strong contender to traditional social media giants, the additional engagement modules being offered by these apps will provide a certain fillip to their much-anticipated success.

UPSURGE IN VIDEO CONSUMPTION

In India, video content streaming has witnessed a tremendous rise in the past couple of years due to the advent of affordable Internet packs and penetration of low-cost smartphones. Today, an average Internet user consumes around 1GB of data a day via smartphone as compared to the past usage pattern of about 4GB a month.

The smartphone users can be seen consuming video content at their convenience. This has led to the emergence of social media apps among the top-downloaded apps across mobile platforms.

The new-age social media apps are playing an important role in shaping the video creation and streaming ecosystem on mobile devices. In addition, they are also redefining the way Internet users consume content on social media platforms.



SOCIAL ENGAGEMENT ON THE RISE

Though traditional social media entities empowered people to be socially active on the Internet, it lacked the desired personal touch. To fill this gap, new-age Internet companies have evolved to leverage the power of artificial intelligence, augmented reality and machine learning capabilities creating real-time, high impact social media experience. AI, AR, and ML are further considered to be the building blocks of these platforms, aiding distribution of customized content for each user. The algorithms promptly acquire individual preferences basis behavioural patterns across social platforms. As a result, the users get highly personalized streaming of content that is not only interesting but engaging as well.

ON-THE-GO CONTENT CREATION

The new-age apps offer a bouquet of advanced features allowing users to create high-impact, engaging videos with in-built special effects such as lip-sync, AR filters, games, music integration and more. Such integrations are fashioning an exciting opportunity for creators to generate appealing content including video editing, suggesting trending hashtags, popular filters and even recommending background music that can help them produce viral videos to attract the right set of audience and grow their following.

PLETHORA OF ENGAGEMENT OPTIONS

As per a recent report by Nielsen, smartphone users spend 4x of their time on online activities as compared to offline activities and 50% of the total time is spent on chatting, video streaming, social networking, and image apps. The new-age social media apps imbibe sundry mobile-native social activity tools that enable internet users to engage in online networking activities never seen before.

Also, these platforms are enabling people to earn money by exclusively showcasing their talent without any specific knowledge of technical inclusions, which no traditional social media platform has been able to offer to date. The beauty of such new-age platforms is not only limited to the entertainment domain; they are also being leveraged in the educational sector.

IN-APP #CHALLENGES AND BRAND ASSOCIATIONS

Along with creating their content basis trending hashtags and popular filters, the users of the new-age social media apps enthusiastically participate in virtual events, especially in #challenges. Ranging from innovative to fun-oriented, #challenges organized by various new-age social media platforms allow users to be a part of the greater community. The viral effect of these #challenges has the power to garner millions of views overnight.

Leveraging this as an opportunity, many companies and even movie production houses have started making associations with prominent apps to popularize their campaigns and gain traction for their promotional objectives. The rise of new internet users along with shifting content consumption patterns of existing users will pave the way for new social media platforms to strengthen their authority in the respective domain. Such apps will additionally bolster a revolution founding a win-win podium for users, influencers and brands alike. The flexible nature of the new-age apps will continue to help them penetrate deeper into the markets, especially in tier 2, 3 cities allowing propagation of information and talent without any limitations.

— The writer is a marketing & advertising professional in strategic planning, product management, campaign development & execution

Information courtesy: Subject-specific information online and research papers

VIDEOS IN THE MARKETING WORLD

Standards are useful for industries dependent on video content

BY AMEESHA RAIZADA

THE SIGNIFICANCE OF VIDEO MARKETING

It is time to analyse why video is so popular in today's world —for one thing, it's an easy-to-digest format that gives our eyes a break from the over-abundance of textual information online. This would be why the world reportedly watches one billion hours of YouTube content on a daily basis.

For those of you who are headed towards digital marketing careers, you need to have a complete understanding of the power of video as a marketing tool. This is not only because you might be interested in making informational videos, but because you'll probably have to learn to incorporate video into your content in order to remain competitive. Here, we have outlined some of the best practices for digital marketers to create and share video, and highlighted five key reasons why video is so crucial to your marketing strategy.

VIDEO: WHAT IT MEANS

Video is a versatile and engaging content format that not only gives us a real-life picture of what is going on; it's also easy to share across multiple platforms. Consumers like it because it's easy to digest, entertaining and engaging, and marketers like it because it can give a potentially huge return on investment (ROI) through many channels.

Video is also very accessible to anyone with Internet access, both to watch and to produce. While there is certainly a trend towards higher quality videos on a professional level, anyone can get onto their laptop and create their own video in under an hour.

TYPES OF VIDEOS

When it comes to the types of videos that marketers have invested in, webinars topped the list with 56% of respondents having created them as part of a campaign. This was closely followed by demos (52%) and social media videos (51%), showing that videos are already being seen as a key tool for sales and engagement. Other videos being invested in were explainer videos (49%), product videos (47%), customer videos (41%) and educational videos (34%). Just 31% of marketers said they had created live streams, suggesting that brands could be missing out on making the most of live videos on Facebook and Instagram.

In 2017, 78% of online audiences were watching Facebook Live videos, so this figure is likely to have increased. With less than a third of marketers using live streaming, there is a greater chance that your videos will be seen not only by your target audience but by a broader range of people. Live videos can be used for a range of things, from announcing new products to influencer takeovers or showcasing your company culture. Because they can't be edited, live videos offer your audience an authentic experience.

VIDEO CREATION

With video content being suitable and effective for a range of marketing activities, it probably comes as no surprise that most videos are created by marketers. As per research estimates, in any organisation, 82% of videos are created by the marketing team, which is the fifth consecutive year that this has been found to be the case.

The second largest creator of video content is internal communications teams, but they only create 23% of videos, showing a huge difference compared to the marketing team. Videos are also now created by the sales team (21%), support team (13%), HR team (12%) and the executive team (11%).

It isn't just marketing teams creating the bulk of the video content, the report found that they are also the driving force behind video creation. As marketing strategy and execution fall under the remit of marketing teams, the fact that 85% of video content creation is driven by marketing teams is hardly surprising.

However, what is surprising—considering the fact that video is such a strong driver of sales—is that only 23% of video content creation is driven by the sales team. As there are many ways in which video can be sales-focussed, this suggests a great opportunity for sales and marketing teams to join forces and create great videos that deliver results for both.

> Live video helps get up close and personal with your audience; works well on social channels in particular

FIVE STATISTICS THAT PROVE MARKETERS NEED VIDEO

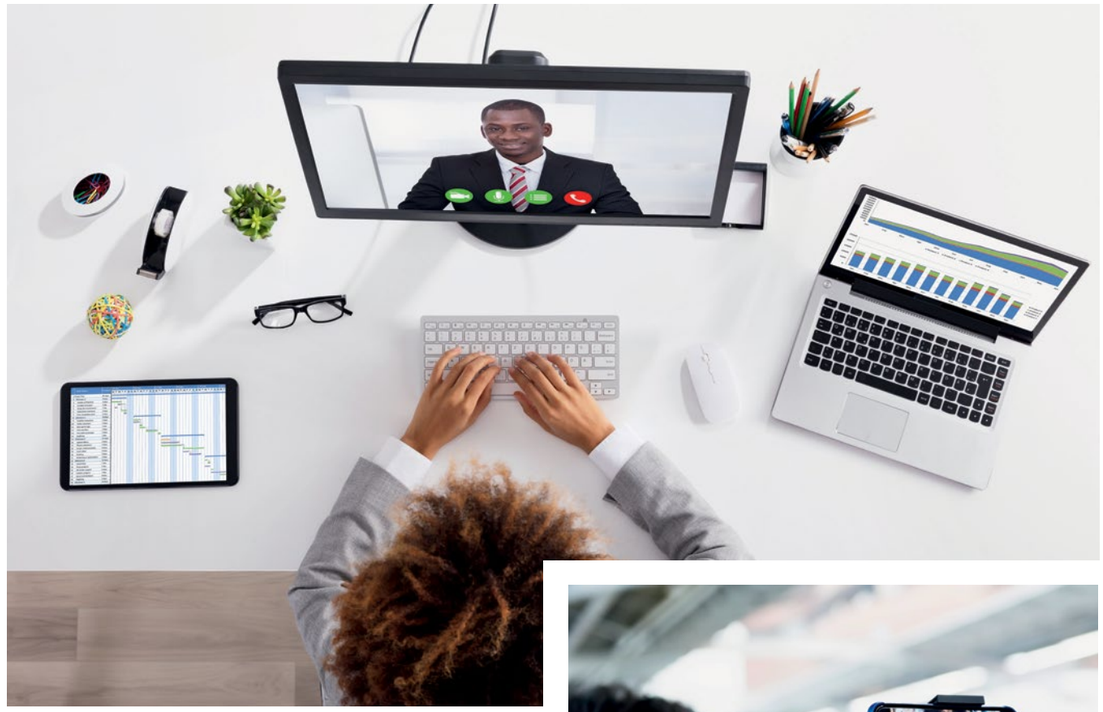
1. Informing and Educating:
97% of marketers claim that videos help customers understand products. (Hubspot)
For the most part, marketers today are no longer taking a pitching type of approach. The reason? There's simply too much choice out there. Consumers and businesses simply don't need to be sold to; instead, they're doing a quick Internet search to find the best product in their neighbourhood, or even in the world, where they'll proceed to order it online.

To this end, marketers in many fields (perhaps not all) need to approach audiences with a value-based offer instead of a "sale." And videos excel at giving customers a close-up look at a product, service, or even an influencer or teacher.

2. Search Engine Optimization:
Over 80% of all traffic will consist of video by 2021. (Cisco)
Search engines love videos because they see them as high-quality content, so to this end, using videos in various types of content as well as on your main web pages can work wonders for your SEO—as long as the videos themselves are optimized properly as well. This means incorporating the right keywords, a solid meta description, and also a strong title.

3. Staying Competitive:
81% of businesses are now using video for marketing. (Hubspot)
Videos are amazing for getting all sorts of messages out there, and if we think in terms of practicality, a short, unique explainer video can do a world of difference when it comes to educating people on the ins and outs of your particular product. By using storytelling and unique types of media, you can easily catch people's attention and keep them entertained.

Depending on how it matches your product, you may want to use an animated or illustrated explainer video to stand out from the crowd (and not come across as too in-your-face).



4. Getting Personal:
Live video will account for 13% of traffic by 2021. (Cisco)
Ever wanted to check out Facebook Live or Instagram stories? If you're in a digital marketing career, or you're heading in that direction, you'll need to learn how to create basic videos and optimize them.

Instagram Stories and Snapchat are both ideal platforms for offering people glimpses or short, personal glances of what you're up to and are useful creative tools. The interesting thing about these videos is that they're only up for 24 hours, so that creates more of a real-time feel. It also gives marketers the opportunity to develop ads that are focused on time-sensitive promotions. Real-time, ephemeral content works towards:

- Offering a face-to-face interaction
- Builds brand trust
- Offers audiences casual, interesting updates (example: behind the scenes)

5. Boosting Conversions:
90% of consumers claim a video will help them make a purchasing decision. (Social Media Today)
Wyzowl claims that 74% of people who get an opportunity to see a product in action via an explainer video will buy it. And landing pages are great places to place videos too — supposedly boosting conversion rates by up to 80% (just be sure to keep Autoplay off so as not to scare the customer away with loud noises).

Another reason why video is useful for conversions on websites is that they actually keep people around for long enough to browse on the site. This is especially true for those who aren't big readers (a good rule of thumb is to assume that people's eyes could be tired from looking at a screen all day).

GOING FORWARD

Along with more brands looking to utilize videos, consumers are now watching more videos than ever before. It is estimated that the average person will spend 100 minutes every day watching online videos in 2021. This is a 19% increase compared to daily viewing minutes in 2019, which stood at 84. Jonathan Barnard, Head of Forecasting at Zenith, said of this trend: "The consumption of online video is growing rapidly, and the average person will spend half as much time viewing online video as they spend viewing conventional television this year. This fast-expanding supply of audiences is fuelling rapid growth in demand from advertisers, making online video the fastest-growing digital channel by advertising expenditure."

INFERENCE

Video is one of the most popular content forms in the world. And it makes sense: in an impersonal digital world, we're craving connection and personality. We want to see and hear people in a real-life context—it's meaningful.

Video is not only fun, it's really one of the best ways to develop more proximity with your audience and give them a real glimpse of what you and your business or your clients are doing. The key here is to think beyond profit and product—show them something about your philosophy, or share some information on an interesting event, or offer some valuable information. The more they know about your positive practices, the more likely they are to stick around.

—Ameesha Raizada is a Bachelor of Design from NIFT

Information courtesy: Subject-specific information online and research papers

VIDEO FORMATS

Video formats are no longer just the concern of audio visual specialists. Technology is becoming more user friendly with every new video technology that is introduced. Videos can be uploaded to YouTube, social networking sites or to smartphones with just a few actions.

INDUSTRY STANDARD DEFINITIONS

As in many industries, standardization sets a basis for actions within the industry. Without standards being set, it would make it difficult for video product manufacturers to create products for every codec created. By setting common standards, the video products offered are not as diverse, making it easy for manufacturers to develop and promote their products.

The following are definitions of known industry standard video formats. Many form the basis for new formats and will be used for many technology applications in the future.

THE BEGINNING - H.261

H261 is the technological basis of most video format standards and codecs. It was the first digital standard for video compression developed by the ITU (International Telecommunication Union) and is primarily used for teleconferencing.

MPEG-1

The video formats in MPEGs are only a part of the standard. MPEG-1 is based on H.261 and was designed to compress VHS quality video to transfer for video CD transfers which can be played by most DVD players.

MPEG-2/H.262

MPEG-2 Part 2 is an extension of MPEG-1 and is also known as H.262. This video format provides better resolution at a higher bit rate and is used by digital television, DVDs and videos. The part 2 refers to the standard being a Simple Profile and is for low resolution and low bit rates. In Advanced Simple Profile, it is used for downloading movies.

H.263

H.263 is used to encode or compress flash video formats. Designed to send data over potentially unreliable connections, it is also used to send video over mobile networks such as via cellphones.

MPEG-4/H.264

MPEG-4 Part 10 was also designed to operate over unreliable connections as well as for higher end video format needs such as Blu-ray. Part 10 of the standard is also known as AVC (Advanced Video Coding) or H.264. These are two different formats that form the MPEG-4 standard. Compression rates are more efficient than other MPEG formats and allow for better video quality while using less space. This standard is now used by satellite services as well as AT&T's U-verse.

VC-1

This standard was developed by Microsoft and released by the Society of Motion Picture and Television Engineers as an alternative video codec to H.264. It is still based on previous H.26X and MPEG standards. It is primarily used for high definition DVD and Blu-ray video formats in addition to Xbox 360. It continues the protocol of delivering better quality video while using less space in your computer or mobile devices.

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 15883 (Part 9) : 2018 Construction Project Management – Guidelines Part 9 Communication Management	आईएस 15883 (भाग 9): 2018 निर्माण परियोजना प्रबंधन – दिशानिर्देश भाग 9 संचार प्रबंधन
Date Of Establishment संशोधन की सख्या और तिथी	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16170 (Part 2) : 2018/ IEC 61853-2 : 2016 Photovoltaic (PV) Module Performance Testing and Energy Rating Part 2 Spectral Responsivity, Incidence Angle and Module Operating Temperature Measurements	आईएस 16170 (भाग 2): 2018 / आईईएस 61853-2: 2016 फोटोवोल्टिक (पीवी) मॉड्यूल प्रदर्शन परीक्षण और ऊर्जा रेटिंग भाग 2 स्पेक्ट्रल प्रतिक्रिया, घटना कोण और मॉड्यूल परिचालन तापमान माप
Date Of Establishment संशोधन की सख्या और तिथी	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16437 (Part 7) : 2018/ ISO 15930-7 : 2010 Graphic Technology – Prepress Digital Data Exchange Using PDF Part 7 Complete Exchange of Printing Data (PDF/X-4) and Partial Exchange of Printing Data with External Profile Reference (PDF/X-4P) Using PDF 1.6	आईएस 16437 (भाग 7): 2018 / आईएसओ 15930-7: 2010 ग्राफिक प्रौद्योगिकी – पीडीएफ पार्ट 7 का उपयोग करके डिजिटल डेटा एक्सचेंज प्रीप्रिंटिंग डेटा (पीडीएफ / एक्स -4) का पूरा आदान-प्रदान और बाहरी प्रोफाइल संदर्भ के साथ मुद्रण डेटा का आंशिक विनिमय (पीडीएफ) / एक्स-4पी) पीडीएफ 1.6 का उपयोग करना
Date Of Establishment संशोधन की सख्या और तिथी	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16619 (Part 1): 2018/ IEC 61243-1: 2009 Live Working – Voltage Detectors Part 1 Capacitive Type to be Used for Voltages Exceeding 1 kV a.c.	आईएस 16619 (भाग 1): 2018/आईईएस 61243-1: 2009 लाइव कार्य – वोल्टेज डिटेक्टर भाग 1 कैपेसिटिव प्रकार का उपयोग वोल्ट के लिए उपयोग किए जाने वाले 1 केवी ए.एस.
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. And Year Of The Amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16662 (Part 2) : 2018/IEC 62670-2 : 2015 Photovoltaic Concentrators (CPV) – Performance Testing Part 2 Energy Measurement	आईएस 16662 (भाग 2): 2018/आईईएस 62670-2: 2015 फोटोवोल्टिक एकाग्रता (सीपीवी) – प्रदर्शन परीक्षण भाग 2 ऊर्जा मापन
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. And Year Of The Amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16662 (Part 3) : 2018/IEC 62670-3 : 2017 Photovoltaic Concentrators (CPV) – Performance Testing Part 3 Performance Measurements and Power Rating	आईएस 16662 (भाग 3): 2018 / आईईएस 62670-3: 2017 फोटोवोल्टिक एकाग्रता (सीपीवी) – प्रदर्शन परीक्षण भाग 3 प्रदर्शन माप और शक्ति रेटिंग
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. And Year Of The Amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16724 : 2018/ IEC 60079-14 : 2013 Explosive Atmospheres – Electrical Installations Design, Selection and Erection	आईएस 16724: 2018 / आईईएस 60079-14: 2013 विस्फोटक वायुमंडल – विद्युत प्रतिष्ठान डिजाइन, चयन और निर्माण
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. And Year Of The Amendment संशोधन की तिथि एवं वर्ष	IS 5571 : 2009 Guide for Selection and Installation of Electrical Equipment in Hazardous Areas (Other Than Mines) IS/IEC 61241-14 : 2004 Electrical Apparatus for Use in the Presence of Combustible Dust Part 14 Selection and Installation	आईएस 5571: 2009 खतरनाक क्षेत्रों में विद्युत उपकरणों के चयन और स्थापना के लिए गाइड (अन्य खानों से) आईएस/आईईसी 61241-14: 2004 विद्युत उपकरण उपयोग के लिए दहनशील धूल भाग 14 चयन और स्थापना की उपस्थिति में
Date Of Cancellation रद्द होने की तिथि	20 June 2018	20 जून 2018

NEWS YOU CAN USE

PRODUCT CERTIFICATION

During the month of September 2019, 391 new certification licences were granted, 272 expired and 09 were cancelled, thereby bringing the number of operative licences to 35784. By September end, the total number of Standards covered under product certification was 987. During this period, 489 number of surveillance inspections were carried out. In addition, 542 inspections for clearing lots of LPG, CNG & industrial gas cylinders/valves/regulators and 189 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 16947 : 2018 Fire Resistance Tests for Doors with Glass Panes, Openable Glass Windows and Sliding Glass Doors	आईएस 16947: 2018 ग्लास पैनेस, ओपनेबल ग्लास विंडोज और स्लाइडिंग ग्लास डोर्स के साथ दरवाजे के लिए अग्नि प्रतिरोध टेस्ट
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. And Year Of The Amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16960 (Part 1) : 2018/IEC 62446-1 : 2016 Photovoltaic (PV) Systems – Requirements for Testing, Documentation and Maintenance Part 1 Grid Connected Systems – Documentation, Commissioning Tests and Inspection	आईएस 16960 (भाग 1): 2018 / आईईएस 62446-1: 2016 फोटोवोल्टिक (पीवी) सिस्टम – परीक्षण, प्रलेखन और रखरखाव के लिए आवश्यकताएँ भाग 1 ग्रिड कनेक्टेड सिस्टम – प्रलेखन, कमीशन परीक्षण और निरीक्षण
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. And Year Of The Amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16978 (Part 1) : 2018/ ISO 16936-1 : 2005 Glass in Building – Forced-Entry Security Glazing Part 1 Test and Classification by Repetitive Ball Drop	आईएस 16978 (भाग 1): 2018 / आईएसओ 16936-1: 2005 ग्लास बिल्डिंग में – जबरन-प्रवेश सुरक्षा ग्लेजिंग भाग 1 टेस्ट और वर्गीकरण दोहराए बॉल ड्रॉप द्वारा
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16978 (Part 2) : 2018/ISO 16936-2 : 2005 Glass in Building – Forced-Entry Security Glazing Part 2 Test and Classification by Repetitive Impact of a Hammer and Axe at Room Temperature	आईएस 16978 (भाग 2): 2018 / आईएसओ 16936-2: 2005 ग्लास बिल्डिंग में – जबरन-प्रवेश सुरक्षा ग्लेजिंग भाग 2 टेस्ट और वर्गीकरण द्वारा कमरे के तापमान पर एक हथौड़ा और कुल्हाड़ी के दोहरावदार प्रभाव
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO/IEC 19794-2 : 2011 Information Technology – Biometric Data Interchnage Formats Part 2 Finger Minutiae Data	आईएस / आईएसओ / आईईसी 19794-2: 2011 सूचना प्रौद्योगिकी – बॉयोमीट्रिक डेटा इंटरचेंज भाग 2 उंगली डपदनजपंम डेटा
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO 21504 : 2015 Project, Programme and Portfolio Management – Guidance on Portfolio Management	आईएस / आईएसओ 21504: 2015 परियोजना, कार्यक्रम और पोर्टफोलियो प्रबंधन – पोर्टफोलियो प्रबंधन पर मार्गदर्शन
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No., Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO 21549-1 : 2013 Health Informatics – Patient Healthcard Data Part 1 General Structure	आईएस / आईएसओ 21549-1: 2013 स्वास्थ्य सूचना विज्ञान – रोगी हेल्थकार्ड डेटा भाग 1 सामान्य संरचना
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. And Year Of The Amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही

No., Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO 22600-3 : 2014 Health Informatics – Privilege Management and Access Control Part 3 Implementations	आईएस / आईएसओ 22600-3: 2014 स्वास्थ्य सूचना विज्ञान - विशेषाधिकार प्रबंधन और अभिगम नियंत्रण भाग 3 कार्यान्वयन
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No., Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO/IEC 27033-5 : 2013 Information Technology – Security Techniques – Network Security Part 5 Securing Communications Across Networks Using Virtual Private Networks (VPNs)	आईएस / आईएसओ / आईईसी 27033-5: 2013 सूचना प्रौद्योगिकी - सुरक्षा तकनीक - नेटवर्क सुरक्षा भाग 5 वर्चुअल प्राइवेट नेटवर्क (वीपीएन) का उपयोग करके संचार संचार को पार करना
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No., Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/IEC 60793-1-42 : 2013 Optical Fibres Part 1 Measurement Methods and Test Procedures Section 42 Chromatic Dispersion (First Revision)	आईएस / आईईसी 60793-1-42: 2013 ऑप्टिकल फाइबर भाग 1 मापन के तरीके और परीक्षण प्रक्रिया धारा 42 क्रोमियम फैलाव (पहला संशाधन)
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS/IEC 60793-1-42 : 2007 Optical Fibres Part 1 Measurement Methods and Test Procedures Section 42 Chromatic Dispersion	आईएस / आईईसी 60793-1-42: 2007 ऑप्टिकल फाइबर पार्ट 1 माप के तरीके और परीक्षण प्रक्रिया धारा 42 क्रोमियम फैलाव
Date Of Cancellation रद्द होने की तिथि	20 June 2018	20 जून 2018
No., Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/IEC 60793-1-51 : 2014 Optical Fibres Part 1 Measurement Methods and Test Procedures Section 51 Dry Heat (Steady State) Tests (First Revision	आईएस / आईईसी 60793-1-51: 2014 ऑप्टिकल फाइबर पार्ट 1 माप के तरीके और परीक्षण प्रक्रिया धारा 51 सूखी गर्मी (स्थिर राज्य) टेस्ट (पहला संशोधन
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS/IEC 60793-1-51 : 2001 Optical Fibres Part 1 Measurement Methods and Test Procedures Section 51 Dry Heat	आईएस / आईईसी 60793-1-51: 2001 ऑप्टिकल फाइबर पार्ट 1 मापन के तरीके और परीक्षण प्रक्रियाएं धारा 51 हीट ड्राई हीट
Date Of Cancellation रद्द होने की तिथि	20 June 2018	20 जून 2018

NEWS YOU CAN USE

MGMT. SYSTEMS CERTIFICATION

During September 2019, 07 new licences were granted and 13 licences were cancelled/expired, thereby bringing the number of operative licences to 1280 under the Management System Certification Schemes. By September end, 20 Integrated Management Certification for Hazard Analysis & Critical Control Points (HACCP) and Quality Management System were in operation.

No., Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/IEC 60793-1-52 : 2014 Optical Fibres Part 1 Measurement Methods and Test Procedures Section 52 Change of Temperature Tests (First Revision)	आईएस / आईईसी 60793-1-52: 2014 ऑप्टिकल फाइबर भाग 1 मापन के तरीके और परीक्षण प्रक्रिया धारा 52 तापमान परीक्षण के परिवर्तन (प्रथम संशोधन)
Date of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. & Year of the Amendment संशोधन की तिथि एवं वर्ष	IS/IEC 60793-1-52 : 2001 Optical Fibres Part 1 Measurement Methods and Test Procedures Section 52 Change of Temperature	आईएस / आईईएस 60793-1-52: 2001 ऑप्टिकल फाइबर पार्ट 1 मापन के तरीके और परीक्षण प्रक्रिया धारा 52 तापमान में बदलाव
Date of Cancellation रद्द होने की तिथि	20 June 2018	20 जून 2018
No.,Year & Title of the Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/IEC 61746-2 : 2010 Calibration of Optical Time-Domain Reflectometers (OTDR) Part 2 OTDR for Multimode Fibres	आईएस / आईईएस 61746-2: 2010 ऑप्टिकल टाइम-डोमेन रिफ्लेक्टोमीटर (ओटीडीआर) अंश 2 मल्टीमोड फाइबर्स के लिए ओटीडीआर
Date of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. & Year of the Amendment संशोधन की तिथि एवं वर्ष	IS/IEC 61746 : 2005 Calibration of Optical Time-Domain Reflectometers (OTDR)	आईएस / आईईएस 61746: 2005 ऑप्टिकल टाइम-डोमेन रिफ्लेक्टोमीटर (ओटीडीआर) का अंशांकन
Date of Cancellation रद्द होने की तिथि	20 June 2018	20 जून 2018

No.,Year & Title of the Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/IEC/TR 62572-2 : 2008 Fibre Optic Active Components and Devices – Reliability Standards Part 2 Laser Module Degradation	आईएस / आईईसी / टीआर 62572-2: 2008 फाइबर ऑप्टिक सक्रिय घटक और उपकरण - विश्वसनीयता मानक भाग 2 लेजर मॉड्यूल गिरावट
Date of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. & Year of the Amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title of the Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 789 : 2018 Ink, Drawing, Waterproof, Black – Specification (Second Revision)	आईएस 789: 2018 इंक, ड्राइंग, वाटरप्रूफ, ब्लैक - स्पेसिफिकेशन (दूसरा संशाधन)
Date of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. & Year of the Amendment संशोधन की तिथि एवं वर्ष	IS 789 : 1971 Specification for Ink, Drawing, Waterproof, Black (First Revision)	आईएस 789: 1971 इंक, ड्राइंग, वॉटरप्रूफ, ब्लैक (पहला संशोधन) के लिए विशिष्टता
Date of Cancellation रद्द होने की तिथि	20 June 2018	20 जून 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 7552 : 2018/ ISO 22915-8 : 2008 Industrial Trucks – Verification of Stability – Additional Stability Test for Trucks Operating in the Special Condition of Stacking with Mast Tilted Forward and Load Elevated (Second Revision)	आईएस -7552:2018/ आईएसओ 22915-8:2008 औद्योगिक ट्रक - स्थिरता का सत्यापन - ट्रकों के लिए अतिरिक्त स्थिरता परीक्षण मस्तक के आगे और लोड के साथ ढेर होने की विशेष स्थिति में परिचालन (दूसरा संशोधन)
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 7552 : 2003 Industrial Trucks Operating in Special Condition of Stacking with Mast Tilted Forward – AdditionalStabilityTest (First Revision)	आईएस 7552:2003 में मस्तूल के आगे के साथ ढेर होने की विशेष स्थिति में परिचालन करने वाले औद्योगिक ट्रक - अतिरिक्त स्थिरता (पहला संशोधन)
Date Of Cancellation रद्द होने की तिथि	20 June 2018	20 जून 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 8161 (Part 2) : 2018/ IEC 60605-2 : 1994 Equipment Reliability Testing Part 2 Design of Test Cycles (First Revision)	आईएस 8161 (भाग 2): 2018 / आईईएस 60605-2: 1994 उपकरण विश्वसनीयता परीक्षण भाग 2 परीक्षण चक्र का डिजाइन (प्रथम संशोधन)
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 8161 (Part 2) : 1986 Guide for Equipment Reliability Testing Part 2 Design of Test Cycles	आईएस 8161 (भाग 2): 1986 उपकरण विश्वसनीयता परीक्षण भाग 2 का परीक्षण चक्रों के लिए गाइड
Date Of Cancellation रद्द होने की तिथि	20 June 2018	20 जून 2018

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 9417 : 2018 Welding of High Strength Steel Bars for Reinforce Concrete Construction – Recommendations (Second Reviosion)	आईएस 9417: 2018 कंक्रीट निर्माण के लिए उच्च शक्ति वाले स्टील बार्स की वेल्डिंग - सिफारिशें (दूसरा पुनर्वित्त)
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 9417 : 1989 Welding – Cold – Worked Steel Bars for Reinforced Concrete Construction – Recommendations for Welding (First Revision)	आईएस 9417: 1989 वेल्डिंग - ठंडा - प्रबलित कंक्रीट निर्माण के लिए काम किए गए स्टील बार्स - वेल्डिंग के लिए सिफारिशें (पहला संशोधन)
Date Of Cancellation रद्द होने की तिथि	20 June 2018	20 जून 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 10052(Part 1/ Sec 3) : 2018/IEC/ CISPR 16-1-3 : 2016 Radio Disturbance and Immunity Measuring Apparatus and Methods – Specification Part 1 Radio Disturbance and Immunity Measuring Apparatus Section 3 Ancillary Equipment – Disturbance Power	आईएस 10052 (भाग 1 / सेक 3): 2018 / आईईएस / सीआईएसपीआर 16-1-3: 2016 रेडियो गड़बड़ी और प्रतिरक्षा माप उपकरण और तरीके - विशिष्टता भाग 1 रेडियो गड़बड़ी और प्रतिरक्षा माप उपकरण खंड 3 सहायक उपकरण - गड़बड़ी शक्ति
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO 10993-7 : 2008 Biological Evaluation of Medical Devices Part 7 Ethylene Oxide Sterilization Residuals	आईएस / आईएसओ 10993-7: 2008 चिकित्सा उपकरणों का जैविक मूल्यांकन भाग 7 एथिलीन ऑक्साइड नसबंदी अवशिष्ट
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	
Date Of Cancellation रद्द होने की तिथि	NA	
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 11503 : 2018 Slates, Writing, School – Specification (First Revision)	आईएस 11503: 2018 स्लेट्स, राइटिंग, स्कूल - विशिष्टता (पहला संशोधन)
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 11503 : 1985 Specification for Slates, Writing, School	आईएस 11503: 1985 स्लेट्स, राइटिंग, स्कूल के लिए विशिष्टता
Date Of Cancellation रद्द होने की तिथि	20 June 2018	20 जून 2018

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 12726 : 2018/ ISO 22915-21 : 2009 Industrial Trucks – Order-Picking Trucks with Operated Position Elevating Above 1 200 mm – Verification of Stability (First Revision)	आईएस 12726: 2018 / आईएसओ 22915-21: 2009 इंडस्ट्रियल ट्रक्स – ऑर्डर पोजिंग ट्रक जिनका परिचालन स्थिति ऊपर है 1 200 मिमी से ऊपर – स्थिरता का सत्यापन (पहला संशोधन)
Date Of Establishment संशोधन की सरुंया और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 12726 : 1989 Order-Picking Trucks – Stability and Stability Tests	आईएस 12726: 1989 ऑर्डर–पिकिंग ट्रक – स्थिरता और स्थिरता टेस्ट
Date Of Cancellation रद्द होने की तिथि	20 June 2018	20 जून 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 13302 (Part 1) : 2018/ ISO 22915-13 : 2012 Industrial Trucks – Verification of Stability Part 1 Rough-Terrain Trucks with Mast (Second Revision)	आईएस 13302 (भाग 1): 2018 / आईएसओ 22915-13: 2012 औद्योगिक ट्रक – स्थिरता का सत्यापन भाग 1 मस्त के साथ किसी न किसी प्रकार के ट्रक (दूसरा संशोधन)
Date Of Establishment संशोधन की सरुंया और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 13302 : 2003 Rough Terrain Fork-Lift Trucks – Stability Tests (First Revision)	आईएस 13302: 2003 रफ टेरेन फोर्क–लिफ्ट ट्रक – स्थिरता टेस्ट (पहला संशोधन)
Date Of Cancellation रद्द होने की तिथि	20 June 2018	20 जून 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 13302 (Part 2) : 2018/ISO 22915-14 : 2010 Industrial Trucks – Verification of Stability Part 2 Rough-Terrain Variable-Reach Trucks (Second Revision)	आईएस 13302 (भाग 2): 2018/आईएसओ 22915-14:2010 औद्योगिक ट्रक – स्थिरता का सत्यापन भाग 2 ऊबड़ खाबड़ भूमि चर–पहुँच ट्रक (दूसरा संशोधन)
Date Of Establishment संशोधन की सरुंया और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 13302 : 2003 Rough Terrain Fork-Lift Trucks – Stability Tests (First Revision)	आईएस 13302: 2003 रफ टेरेन फोर्क–लिफ्ट ट्रक – स्थिरता टेस्ट (पहला संशोधन)
Date Of Cancellation रद्द होने की तिथि	20 June 2018	20 जून 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 13360 (Part 6/Sec 1) : 2018/ISO 306 : 2013 Plastics – Methods of Testing Part 6 Thermal Properties Section 1 Determination of Vicat Softening Temperature of Thermoplastic Materials (Second Revision)	आईएस 13360 (भाग 6 / सेकंड 1): 2018 / आईएसओ 306: 2013 प्लास्टिक – परीक्षण के तरीके भाग 6 थर्मल गुण धारा 1 थर्माप्लास्टिक सामग्री के विकट नरम तापमान का निर्धारण (दूसरा संशोधन)
Date Of Establishment संशोधन की सरुंया और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 13360 (Part 6/Sec 1) : 1999/ISO 306 : 1994 Plastics – Methods of Testing Part 6 Thermal Properties Section 1 Determination of Vicat Softening Temperature of Thermoplastic Materials (First Revision)	आईएस 13360 (भाग 6 / सेक 1): 1999 / आईएसओ 306: 1994 प्लास्टिक – परीक्षण के तरीके भाग 6 तापीय गुण धारा 1 थर्माप्लास्टिक सामग्री के विकट नरम तापमान का निर्धारण (प्रथम संशोधन)
Date Of Cancellation रद्द होने की तिथि	20 June 2018	20 जून 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 13360 (Part 11/ Sec 9) : 2018/ ISO 1628-1 : 2009 Plastics – Methods of Testing Part 11 Special Properties Section 9 Determination of the Viscosity of Polymers in Dilute Solution Using Capillary Viscometers – General Principles (First Revision)	आईएस 13360 (भाग 11 / सेक 9): 2018 / आईएसओ 1628-1: 2009 प्लास्टिक – परीक्षण के तरीके भाग 11 विशेष गुण धारा 9 केशिका विलोमेटर्स (सामान्य संशोधन) का उपयोग करते हुए क्पसनजम समाधान में पॉलिमर की विपचिपाहट का निर्धारण
Date Of Establishment संशोधन की सरुंया और तिथि	20 June 2018	20 जून 2018
No. And Year Of The Amendment संशोधन की तिथि एवं वर्ष	IS 13360 (Part 11/ Sec 9) : 2004/ ISO 1628-1 : 1998 Plastics – Methods of Testing Part 11 Special Properties Section 9 Determination of the Viscosity of Polymers in Dilute Solution Using Capillary Viscometers – General Principles	आईएस 13360 (भाग 11 / सेक 9): 2004 / आईएसओ 1628-1: 1998 प्लास्टिक – परीक्षण के तरीके भाग 11 विशेष गुण धारा 9 केशिका विस्कोमीटर का उपयोग करते हुए क्पसनजम समाधान में पॉलिमर की चिपचिपाहट का निर्धारण – सामान्य अंकल
Date Of Cancellation रद्द होने की तिथि	20 June 2018	20 जून 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 14700 (Part 4/ Sec 33) : 2018/IEC 61000- 4-33 : 2005 Electromagnetic Compatibility (EMC) Part 4 Testing and Measurement Techniques Section 33 Measurement Methods for High-Power Transient Parameters	आईएस 14700 (भाग 4 / सेक 33): 2018 / आईईएस 61000- 4-33: 2005 विद्युत चुम्बकीय संगतता (ईएमसी) भाग 4 परीक्षण और माप तकनीक धारा 33 मापन विधि उच्च-शक्ति क्षणिक पैरामीटर के लिए
Date Of Establishment संशोधन की सरुंया और तिथि	20 June 2018	20 जून 2018
No. And Year Of The Amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही

NEWS YOU CAN USE

REGISTRATION SCHEME & LAB TESTING

During the month of September 2019, 454 new registrations of Electronics & Information Technology products have been done under the scheme. By September end, BIS has done 19725 registrations under the BIS registration scheme covering different product categories. Also, during the month, 2221 samples were tested by BIS laboratories. Further, 240 Outside Laboratories (OSL) stand recognised by BIS and during the month, 654 samples were tested by OSLs.

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 14700 (Part 6/Sec 3) : 2018/IEC 61000- 6-3 : 2006 Electromagnetic Compatibility (EMC) Part 6 Generic Standards Section 3 Emission Standard for Residential, Commercial and Light-Industrial Environments (First Revision)	आईएस 14700 (भाग 6 / सेक 3): 2018 / आईईएस 61000- 6-3: 2006 विद्युत चुम्बकीय संगतता (ईएमसी) भाग 6 सामान्य मानक धारा 3 उत्सर्जन मानक आवासीय, वाणिज्यिक और हल्के–औद्योगिक वातावरण के लिए (प्रथम संशोधन)
Date Of Establishment संशोधन की सरुंया और तिथि	20 June 2018	20 जून 2018
No. And Year Of The Amendment संशोधन की तिथि एवं वर्ष	IS 14700 (Part 6/Sec 3) : 2002/IEC 61000-6-3 : 1996 Electromagnetic Compatibility (EMC) Part 6 Generic Standards Section 3 Emission Standard for Residential, Commercial and Light-Industrial Environments	आईएस 14700 (भाग 6 / सेकंड 3): 2002 / आईईएस 61000-6-3: 1996 विद्युत चुम्बकीय संगतता (ईएमसी) भाग 6 सामान्य मानक खंड 3 उत्सर्जन मानक आवासीय, वाणिज्यिक और हल्के–औद्योगिक वातावरण के लिए
Date Of Cancellation रद्द होने की तिथि	20 June 2018	20 जून 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO 15442 : 2012 Cranes – Safety Requirements for Loaded Cranes	आईएस / आईएसओ 15442: 2012 क्रेन – लोडेड क्रेन के लिए सुरक्षा आवश्यकताएँ
Date Of Establishment संशोधन की सरुंया और तिथि	20 June 2018	20 जून 2018
No. And Year Of The Amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 15514 : 2018/ISO 22915-10 : 2008 Industrial Trucks – Verification of Stability – Additional Stability Test for Trucks Operating in the Special Condition of Skating with Load Laterally Displaced by Powered Devices (First Revision)	आईएस 15514: 2018 / आईएसओ 22915-10: 2008 औद्योगिक ट्रक – स्थिरता का सत्यापन – ट्रकों के लिए अतिरिक्त स्थिरता परीक्षण संचालित करने की विशेष स्थिति में लोड के साथ स्केटिंग की विशेष स्थिति बाद में संचालित उपकरणों द्वारा विस्थापित (प्रथम संशोधन)
Date Of Establishment संशोधन की सरुंया और तिथि	20 June 2018	20 जून 2018
No. And Year Of The Amendment संशोधन की तिथि एवं वर्ष	IS 15514 : 2018/ISO 22915-10 : 2008 Industrial Trucks Operating in Special Conditions of Stacking with Load Laterally Displaced by Powered Devices – Additional Stability Test	आईएस 15514: 2018 / आईएसओ 22915-10: 2008 औद्योगिक ट्रकों को लोडिंग के साथ स्टैकिंग की विशेष परिस्थितियों में संचालित किया जाना चाहिए, जो बाद में संचालित उपकरणों द्वारा विस्थापित हो गए – अतिरिक्त स्थिरता परीक्षण
Date Of Cancellation रद्द होने की तिथि	20 June 2018	20 जून 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO 15985 : 2014 Plastics – Determination of the Ultimate Anaerobic Biodegradation under High-Solids Anaerobic-Digestion Conditions – Method by Analysis of Released Biogas (First Revision)	आईएस / आईएसओ 15985: 2014 प्लास्टिक – हाई–सॉलिड्स अनायरोबिक–पाचन शर्तों के तहत अंतिम अवायवीय बायोडिग्रेडेशन का निर्धारण – विमोचित बायोगस के विश्लेषण द्वारा विधि (पहला संशोधन)
Date Of Establishment संशोधन की सरुंया और तिथि	20 June 2018	20 जून 2018
No. And Year Of The Amendment संशोधन की तिथि एवं वर्ष	IS/ISO 15985 : 2004 Plastics – Determination of the Ultimate Anaerobic Biodegradation and Disintegration under High-Solids Anaerobic-Digestion Conditions – Method by Analysis of Released Biogas	आईएस / आईएसओ 15985: 2004 प्लास्टिक – हाई–सॉलिड्स के तहत अंतिम अनायरोबिक बायोडिग्रेडेशन और विघटन का निर्धारण
Date Of Cancellation रद्द होने की तिथि	20 June 2018	20 जून 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16437 (Part 4) : 2018/ ISO 15930-4 : 2003 Graphic Technology – Prepress Digital Data Exchange Using PDF Part 4 Complete Exchange of CMYK and Spot Colour Printing Data Using PDF 1.4 (PDF/X-1a)	आईएस 16437 (भाग 4): 2018 / आईएसओ 15930-4: 2003 ग्राफिक प्रौद्योगिकी – पीडीएफ पार्ट 4 का उपयोग कर डिजिटल डेटा एक्सचेंज का उपयोग करें सीएमवाइके का पूरा एक्सचेंज और पीडीएफ 1.4 (पीडीएफ / एक्स –1 ए) का उपयोग करके स्पॉट कलर प्रिंटिंग डेटा।
Date Of Establishment संशोधन की सरुंया और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16657 : 2018/ ISO/TR 14873 : 2013 Information and Documentation – Statistics and Quality Issues for Web Archiving	आईएस 16657: 2018 / आईएसओ / टीआर 14873: 2013 सूचना और प्रलेखन – वेब संग्रह के लिए सांख्यिकी और गुणवत्ता के मुद्दे
Date Of Establishment संशोधन की सरुंया और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16683 (Part 3) : 2018/IEC/TS 60815-3 : 2008 Selection and Dimensioning of High-Voltage Insulators Intended for Use in Polluted Conditions Part 3 Polymer Insulators for a.c. Systems	आईएस 16683 (भाग 3): 2018 / आईईसी / टीआर 60815-3: 2008 चयन और उच्च-वोल्टेज इंसुलेटर का परिशोधन, प्रदूषित स्थितियों में उपयोग के लिए इरादा भाग 3 पालिमर इंसुलेटर ए.एक्स. सिस्टम
Date Of Establishment संशोधन की सरुंया और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16787 (Part 1) : 2018/ ISO 15489-1 : 2016 Information and Documentation – Records Management Part 1 Concepts and Principles	आईएस 16787 (भाग 1): 2018 / आईएसओ 15489-1: 2016 सूचना और प्रलेखन – रिकॉर्ड्स प्रबंधन भाग 1 अवधारणाओं और सिद्धांतों
Date Of Establishment संशोधन की सरुंया और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16957 : 2018/IEC 61882 : 2016 Hazard and Operability Studies (HAZOP Studies) – Application Guide	आईएस 16957: 2018 / आईईएस 61882: 2016 खतरा और संचालन अध्ययन (एचएजंयडओपी अध्ययन) – आवेदन गाइड
Date Of Establishment संशोधन की सरुंया और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16958 : 2018/ IEC 62402 : 2007 Obsolescence Management – Application Guide	आईएस 16958: 2018 / आईईएस 62402: 2007 अप्रचलन प्रबंधन – आवेदन गाइड
Date Of Establishment संशोधन की सरुंया और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16978 (Part 3) : 2018/ ISO 16936-3 : 2005 Glass in Building – Forced-Entry Security Glazing Part 3 Test and Classification by Manual Attack	आईएस 16978 (भाग 3): 2018 / आईएसओ 16936-3: 2005 ग्लास बिल्डिंग में – जबरन-प्रवेश सुरक्षा ग्लेजिंग भाग 3 टेस्ट और वर्गीकरण मैनुअल मैनुअल द्वारा
Date Of Establishment संशोधन की सरुंया और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16978 (Part 4) : 2018/ ISO 16936-4 : 2005 Glass in Building – Forced-Entry Security Glazing Part 4 Test and Classification by Pendulum Impact Under Thermally and Fire Stressed Conditions	आईएस 16978 (भाग 4): 2018 / आईएसओ 16936-4: 2005 ग्लास बिल्डिंग में – जबरन-प्रवेश सुरक्षा ग्लेजिंग भाग 4 टेस्ट और वर्गीकरण पेंडुलम प्रभाव के तहत थर्मली और अग्नि तनाव की स्थिति में
Date Of Establishment संशोधन की सरुंया और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16983 : 2018 Solid Bleached Sulphate Board – Specification	आईएस 16983: 2018 ठोस प्रक्षालित सल्फेट बोर्ड – विशिष्टता
Date Of Establishment संशोधन की सरुंया और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/IEC 62311 : 2007 Assessment of Electronic and Electrical Equipment Related to Human Exposure Restrictions for Electromagnetic Fields (0 Hz – 300 GHz)	आईएस / आईईएस 62311: इलेक्ट्रोमैग्नेटिक फील्ड्स के लिए मानव एक्सपोजर प्रतिबंध से संबंधित इलेक्ट्रानिक और इलेक्ट्रिकल उपकरणों का 2007 का आकलन (ओ हर्ट्ज – 300 गीगा)
Date Of Establishment संशोधन की सरुंया और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 1060 (Part 4/Sec 2) : 2018/ISO 1762 : 2015 Methods of Sampling and Test for Paper and Allied Products Part 4 Methods of Test for Paper, Board and Pulps Section 2 Determination of Residue (ash) on Ignition at 525oC	आईएस 1060 (भाग 4 / सेक 2): 2018 / आईएसओ 1762: 2015 कागज और संबद्ध उत्पादों के लिए नमूना और परीक्षण के तरीके भाग 4 कागज, बोर्ड और पल्प के लिए टेस्ट के तरीके 2 के अवशेषों (एएसएच) का निर्धारण 525ओसी पर इग्निशन के लिए (एएसएच)
Date Of Establishment संशोधन की सरुंया और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 6213 (Part 7) : 1971 Method of Test for Pulp Part 7 Ash Content In Pulp	आईएस 6213 (भाग 7): 1971 पल्प भाग 7 ऐश कंटेंट इन पल्प के लिए टेस्ट की विधि
Date Of Cancellation रद्द होने की तिथि	20 June 2018	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 1060 (Part 4/Sec 7) : 2018/ISO 6588-2 : 2012 Methods of Sampling and Test for Paper and Allied Products Part 4 Methods of Test for Paper, Board and Pulps Section 7 Determination of pH of Aqueous Extracts – Hot Extraction Method	आईएस 1060 (भाग 4 / सेक 7): 2018 / आईएसओ 6588-2: 2012 पेपर और संबद्ध उत्पादों के लिए नमूने और परीक्षण के तरीके भाग 4 कागज, बोर्ड और पल्प के लिए परीक्षण के तरीके भाग 7 जलीय निकालने के पीएच का निर्धारण – गर्म निष्कर्षण तरीका
Date Of Establishment संशोधन की सरुंया और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 3600 (Part 3) : 2018/ISO 4136 : 2012 Method of Testing Fusion Welded Joints and Weld Metal in Steel Part 3 Destructive Tests on Welds in metallic Materials – Transverse Tensile Test (Fourth Revision)	आईएस 3600 (भाग 3): 2018 / आईएसओ 4136: 2012 परीक्षण की विधि फ्यूजन वेल्डेड जोड़ों और स्टील पार्ट 3 में वेल्ड धातु धातु सामग्री में वेल्ड पर विनाशकारी परीक्षण – अनुप्रस्थ तन्यता परीक्षण (चौथा संशोधन)
Date Of Establishment संशोधन की सरुंया और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 3600 (Part 3) : 2018/ISO 4136 : 2012 Destructive Tests on Welds in metallic Materials Part 3 Transverse Tensile Test (Third Revision)	आईएस 3600 (भाग 3): 2018 / आईएसओ 4136: 2012 /ातु सामग्री में वेल्ड पर विनाशकारी परीक्षण भाग 3 अनुप्रस्थ तन्यता परीक्षण (तीसरा संशोधन)
Date Of Cancellation रद्द होने की तिथि	20 June 2018	20 जून 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 3600 (Part 5) : 2018/ISO 5173 : 2009 Method of Testing Fusion Welded Joints and Weld Metal in Steel Part 5 Destructive Tests on Welds in Metallic Materials – Bend Tests (Third Revision)	आईएस 3600 (भाग 5): 2018 / आईएसओ 5173: 2009 परीक्षण की विधि संलयन वेल्डेड जोड़ों और स्टील धातु में वेल्ड धातु 5 धातु पदार्थों में वेल्ड पर विनाशकारी टेस्ट – बेंड टेस्ट (तीसरा संशोधन)
Date Of Establishment संशोधन की सरुंया और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 3600 (Part 5) : 1983/ ISO 5173 : 1981 Method of Testing Fusion Welded Joints and Weld Metal in Steel Part 5 Transverse Root and Face Bend Test on Butt Welds (Second Revision)	आईएस 3600 (भाग 5): 1983 / आईएसओ 5173: 1981 परीक्षण विधि फ्यूजन वेल्डेड जोड़ों और स्टील भाग 5 में वेल्ड धातु ओर बट वेल्ड पर दूसरा मोड़ परीक्षण (दूसरा संशोधन)
Date Of Cancellation रद्द होने की तिथि	20 June 2018	20 जून 2018

NEWS YOU CAN USE

HALLMARKING CERTIFICATION

During the month of September 2019, 390 licences for Hallmarking of gold and 57 licences for Hallmarking of silver were granted, whereas 345 licences for Hallmarking of gold, 35 licences for silver were cancelled/ expired. The total number of operative licences under this scheme by September end stood at 25957, and 2259 for gold and silver, respectively. During this period, 14 Assaying & Hallmarking centres were recognised.

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 5182 (Part 15/Sec 2) : 2018/ISO 10473 : 2000 Methods for Measurement of Air Pollution Part 15 Mass Concentration of Particulate Matter Section 2 Beta- Ray Absorption Method	आईएस 5182 (भाग 15 / सेक 2): 2018 / आईएसओ 10473: 2000 वायु प्रदूषण की माप के लिए विधि भाग 15, आंशिक द्रव्यमान धारा 2 बीटा- रे अवशोषण विधि का द्रव्यमान एकाग्रता
Date Of Establishment संशोधन की सरुंया और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 7022 (Part 3) : 2018 Glossary of Terms Relating to Water Part 3 Marine Water and Related Methods	आईएस 7022 (भाग 3): 2018 शब्दावली भाग जल भाग 3 समुद्री जल और संबंधित विधियों से संबंधित है
Date Of Establishment संशोधन की सरुंया और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO 8624 : 2011 Ophthalmic Optics – Spectacle Frames – Measuring System and Terminology	आईएस / आईएसओ 8624: 2011 ऑप्थेल्मिक ऑप्टिक्स – स्पैक्ट्रम फ्रेम्स – माप प्रणाली और शब्दावली
Date Of Establishment संशोधन की सरुंया और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO 10651-3 : 1997 Lung Ventilators for Medical Use Part 3 Particular Requirements for Emergency and Transport Ventilators	आईएस / आईएसओ 10651-3: 1997 चिकित्सा उपयोग के लिए फेफड़े वेंटिलेटर भाग 3 आपातकालीन और परिवहन वेंटिलेटर के लिए विशेष आवश्यकताएं
Date Of Establishment संशोधन की सरुंया और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 10867 : 2018/ISO 6710 : 2017 Single-Use Containers for Human Venous Blood Specimen Collection (First Revision)	आईएस 10867: 2018 / आईएसओ 6710: 2017 मानव शिरापरक रक्त नमूना संग्रह के लिए एकल-उपयोग कंटेनर (पहला संशोधन)
Date Of Establishment संशोधन की सरुंया और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 10867 : 1984/ ISO 4822 : 1981 Specification for Blood Specimen Containers up to 25 ml Capacity, Single Use	आईएस 10867: 1984 / आईएसओ 4822: 1981 रक्त नमूना कंटेनरों के लिए विशिष्टता 25 मिलीलीटर तक क्षमता, एकल उपयोग
Date Of Cancellation रद्द होने की तिथि	20 June 2018	20 जून 2018

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO 11979-6 : 2014 Ophthalmic Implants – Intraocular Lenses Part 6 Shelf-Life and Transport Stability Testing	आईएस / आईएसओ 11979-6: 2014 नेत्र प्रत्यारोपण – इंट्राक्युलर लेंस भाग 6 शेल्फ-जीवन और परिवहन स्थिरता परीक्षण
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 12373 (Part 3) : 2018/ ISO/IEC 7498-3 : 1997 Information Technology – Open Systems Interconnection – Basic Reference Model Part 3 Naming and Addressing (First Revision)	आईएस 12373 (भाग 3): 2018 / आईएसओ / आईईएस 7498-3: 1997 सूचना प्रौद्योगिकी – ओपन सिस्टम इंटरकनेक्शन – मूल संदर्भ मॉडल भाग 3 नामकरण और पता (पहला संशोधन)
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 12373 (Part 3) : 1992/ ISO/IEC 7498-3 : 1989 Basic Reference Model of Open Systems Interconnection for Information Processing Systems Part 3 Naming and Addressing	आईएस 12373 (भाग 3): 1992 / आईएसओ / आईईएस 7498-3: 1989 बेसिक रेफरेंस मॉडल ऑफ ओपन सिस्टम इंटरकनेक्शन फॉर इन्फार्मेशन प्रोसेसिंग सिस्टम्स पार्ट 3 नामकरण और संबोधन
Date Of Cancellation रद्द होने की तिथि	20 June 2018	20 जून 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	S 15459 : 2018/ISO 3493 : 2014 Vanilla – Vocabulary (First Revision)	आईएस 15459: 2018 / आईएसओ 3493: 2014 वेनिला – शब्दावली (पहला संशोधन)
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 15459 : 2004/ISO 3493 : 1999 Vanilla – Vocabulary	आईएस 15459: 2004 / आईएसओ 3493: 1999 वेनिला – शब्दावली
Date Of Cancellation रद्द होने की तिथि	20 June 2018	20 जून 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO 15798 : 2013 Ophthalmic Implants – Ophthalmic Viscosurgical Devices	आईएस / आईएसओ 15798: 2013 ऑप्थेलमिक इम्प्लांट्स – ऑप्थेलमिक विस्कोसर्जिकल डिवाइसेस
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही

NEWS YOU CAN USE

CONSUMER AFFAIRS AWARENESS

During September 2019, 22 consumer awareness programmes were organized at NRO, ERO, WRO, SRO & CRO. A total of 2618 consumers/ participants attended these programmes. Also, during this period, 27 grievances/complaints regarding Product Certification were received and 15 grievances /complaints were closed.

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16297 (Part 3) : 2018/ ISO 17226-3 : 2011 Leather – Chemical Determination of Formaldehyde Content Part 3 Determination of Formaldehyde Emissions from Leather	आईएस 16297 (भाग 3): 2018 / आईएसओ 17226-3: 2011 चमड़ा – चमड़ा से रासायनिक संरचना का निर्धारण
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16437 (Part 6) : 2018/ ISO 15930-6 : 2003 Graphic Technology – Prepress Digital Data Exchange Using PDF Part 6 Complete Exchange of Printing Data Suitable for Colour-Managed Workflows Using PDF 1.4 (PDF/X-3)	आईएस 16437 (भाग 6): 2018 / आईएसओ 15930-6: 2003 ग्राफिक तकनीक – पीडीएफ पार्ट 6 का उपयोग करके डिजिटल डेटा एक्सचेंज का उपयोग करना मुद्रण डेटा का पूर्ण विनिमय पीडीएफ 1.4 (पीडीएफ / एक्स -3) का उपयोग करके रंग-प्रबंधित वर्कफ्लो के लिए उपयुक्त है।
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16638 (Part 2) : 2018/ISO/TS 11179-2 : 2005 Information Technology – Metadata Registries (MDR) Part 2 Classification	आईएस 16638 (भाग 2): 2018 / आईएसओ / टीएस 11179-2: 2005 सूचना प्रौद्योगिकी – मेटाडेटा रजिस्ट्रियां (एमडीआर) भाग 2 वर्गीकरण
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही

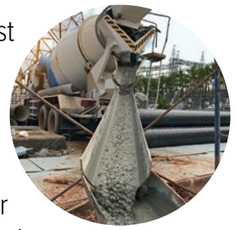
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16638 (Part 4) : 2018/ISO/TS 11179-4 : 2004 Information Technology – Metadata Registries (MDR) Part 4 Formulation of Data Definitions	आईएस 16638 (भाग 4): 2018 / आईएसओ / टीएस 11179-4: 2004 सूचना प्रौद्योगिकी – मेटाडेटा रजिस्ट्रियां (एमडीआर) भाग 4 डेटा परिभाषाओं का निर्माण
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16645 : 2018/ISO 5423 : 1992 Moulded Plastics Footwear – Lined or Unlined Polyurethane Boots for General Industrial use – Specification	आईएस 16645: 2018 / आईएसओ 5423: 1992 ढाला प्लास्टिक के जूते – सामान्य औद्योगिक उपयोग के लिए लाइन में खड़ा या अस्तर पॉलीयूरेथेन जूते
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO 16672 : 2015 Ophthalmic Implants – Ocular Endotamponades	आईएस/आईएसओ 16672 नेत्र संबंधी प्रत्यारोपण– ओकुलर एंडोटम्पोनोइड्स
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16680 : 2018 Spices and Condiments – Aniseed, Whole – Specification	आईएस 16680: 2018 मसाले और मसालों – सौंफ पूरे – विशिष्टता
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16776 (Part 1) : 2018/ ISO 4157- 1 : 1998 Construction Drawings – Designation Systems Part 1 Buildings and Part of Buildings	आईएस 16776 (भाग 1): 2018 / आईएसओ 4157-1: 1998 निर्माण चित्र – पदनाम प्रणाली भाग 1 भवन और भवनों का भाग
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16945 : 2018 Fire Resistance Test for Glass Walls	आईएस 16945: 2018 ग्लास दीवारों के लिए अग्नि प्रतिरोध परीक्षण
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16982 : 2018 Heat Strengthened Glass – Specification	आईएस 16982: 2018 हीट स्ट्रेंथ ग्लास – स्पेसिफिकेशन
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16984 : 2018 Folding Box Board for General Consumer Product Packaging – Specification	आईएस 16984: 2018 फोल्डिंग बॉक्स बोर्ड फॉर जनरल कंज्यूमर प्रोडक्ट पैकेजिंग – विशिष्टता
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16985 : 2018 Duplex Board/Coated Duplex Board – Specification	आईएस 16985: 2018 डुप्लेक्स बोर्ड / कोटेड डुप्लेक्स बोर्ड – विशिष्टता
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16994 : 2018 Footwear for Men and Women for Municipal Scavenging Work	आईएस 16994: 2018 जूते पुरुषों और महिलाओं के लिए नगरपालिका स्केवेंजिंग कार्य के लिए
Date Of Establishment संशोधन की सख्या और तिथि	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16999 : 2018/ISO/ TS 14101 : 2012 Surface Characterization of Gold Nanoparticles for Nanomaterial Specific Toxicity Screening : FT-IR Method	आईएस 16999: 2018 / आईएसओ / टीएस 14101: 2012 नैनोमीटर सामग्री के लिए सोने के नैनोकणों की सतह की विशेषता विशिष्ट विषाक्तता स्क्रीनिंगः एफटी आईआर विधि
Date Of Establishment संशोधन की सख्या और तिथी	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 17001 : 2018/ ISO/TS 11937 : 2012 Nanotechnologies – Nanoscale Titanium Dioxide in Powder Form – Characteristics and Measurement	आईएस 17001: 2018 / आईएसओ / टीएस 911937:2012 नैनोटेक्नोलोजीज - पाउडर फॉर्म में नैनोस्केल टाइटेनियम डाइऑक्साइड - सांख्यिकी और मापन
Date Of Establishment संशोधन की सख्या और तिथी	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 17002 : 2018/ISO/ TS 12025 : 2012 Nanomaterials – Quantification of Nano-Object Release From Powders by Generation of Aerosols	आईएस17002:2018/ आईएसओ/टीएस 12 नेनोमेटेरियल्स - एरोसोल की पीढ़ी द्वारा चूर्ण से नैनो-ऑब्जेक्ट रिलीज की मात्रा
Date Of Establishment संशोधन की सख्या और तिथी	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 17003 (Part 6) : 2018/ ISO/TS 80004-6 : 2013 Nanotechnologies – Vocabulary Part 6 Nano-Object Characterization	आईएस 17003 (भाग 6): 2018/आईएसओ/ टीएस 80004-6: 2013 नैनोटेक्नोलोजी - शब्दावली भाग 6 नैनो-वस्तु विशेषता
Date Of Establishment संशोधन की सख्या और तिथी	20 June 2018	20 जून 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 1132 : 2009 Bicycles – Bottom Bracket Ball Cup – Specification (Third Revision)	आईएस 1132: 2009 साइकिलें - नीचे ब्रैकेट बॉल कप - विशिष्टता (तीसरा संशोधन)
Date Of Establishment संशोधन की सख्या और तिथी	2 July 2018	2 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	Amendment No. 1 June 2018	संशोधन नंबर 1 जून 2018
Date Of Cancellation रद्द होने की तिथि	2 July 2018	2 जुलाई 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 2314 : 1986 Specification for Steel Sheet Piling Section (First Revision)	आईएस 2314: 1986 स्टील शीट पाइलिंग सेक्शन के लिए विशिष्टता (पहला संशोधन)
Date Of Establishment संशोधन की सख्या और तिथी	2 July 2018	2 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	Amendment No. 1 June 2018	संशोधन नंबर 1 जून 2018
Date Of Cancellation रद्द होने की तिथि	2 July 2018	2 जुलाई 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 3597 : 1998 Concrete Pipes – Methods of Test (Second Revision)	आईएस 3597: 1998 कंक्रीट पाइप - टेस्ट के तरीके (दूसरा संशोधन)
Date Of Establishment संशोधन की सख्या और तिथी	2 July 2018	2 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	Amendment No. 1 June 2018	संशोधन नंबर 1 जून 2018
Date Of Cancellation रद्द होने की तिथि	2 July 2018	2 जुलाई 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 7493 : 1989 Sweing Machines, Household – Durability Requirements (First Revision)	आईएस 7493: 1989 व्यापक मशीनें, घरेलू - स्थायित्व आवश्यकताएँ (पहला संशोधन)
Date Of Establishment संशोधन की सख्या और तिथी	2 July 2018	2 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	Amendment No. 1 June 2018	संशोधन नंबर 1 जून 2018
Date Of Cancellation रद्द होने की तिथि	2 July 2018	2 जुलाई 2018

NEWS YOU CAN USE

FIRST LICENCE GRANT



BIS has granted the First Licence on all India basis for Portland Cement Clinker as per IS 16353:2015 to M/s Union Cement Company, Ras Al Khaimah, Khor Khwair Area, United Arab Emirates. In recent period, trading of clinker has increased globally. With a view to provide guidance to clinker manufacturers and to help cement manufacturers in selection and testing of purchased clinker, IS 16353:2015 was developed. This Indian Standard lays down the minimum requirements for clinker to be used in manufacturing of various types and grades of cement. However, the cement manufacturer may design additional requirements for clinker, depending upon the specific requirement of particular type of cement.

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 15549 : 2005 Stationary Valve Regulated Lead Acid Batteries – Specification	आईएस 15549: 2005 स्थिर वाल्व विनियमित लीड एसिड बैटरियों - विशिष्टता
Date Of Establishment संशोधन की सख्या और तिथी	2 July 2018	2 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	Amendment No. 1 June 2018	संशोधन नंबर 1 जून 2018
Date Of Cancellation रद्द होने की तिथि	2 July 2018	2 जुलाई 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 12740 : 1989 Household Sewing Machines – Stand – Specification	आईएस 12740: 1989 घरेलू सिलाई मशीनें - स्टैंड - स्पेसिफिकेशन
Date Of Establishment संशोधन की सख्या और तिथी	2 July 2018	2 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	Amendment No. 2 July 2018	संशोधन नंबर 2 जुलाई 2018
Date Of Cancellation रद्द होने की तिथि	2 July 2018	2 जुलाई 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 251 : 1998 Soda Ash Technical – Specification (Fourth revision)	आईएस 251: 1998 सोडा ऐश तकनीकी - विशिष्टता (चौथा संशोधन)
Date Of Establishment संशोधन की सख्या और तिथी	2 July 2018	2 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	Amendment No. 1 June 2018	संशोधन नंबर 1 जून 2018
Date Of Cancellation रद्द होने की तिथि	2 July 2018	2 जुलाई 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 1919 : 1982 Sodium Hydrosulphite – Specification (First Revision)	आईएस 1919: 1982 सोडियम हाइड्रोसल्फाइट - विशिष्टता (पहला संशोधन)
Date Of Establishment संशोधन की सख्या और तिथी	2 July 2018	2 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	Amendment No. 4 June 2018	संशोधन संख्या 4 जून 2018
Date Of Cancellation रद्द होने की तिथि	2 July 2018	2 जुलाई 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 4505 : 2015 Sodium Formaldehyde Sulphoxylate – Specification (First Revision)	आईएस 4505: 2015 सोडियम फार्मेल्डिहाइड सल्फोक्सिलेट - विशिष्टता (पहला संशोधन)
Date Of Establishment संशोधन की सख्या और तिथी	2 July 2018	2 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	Amendment No. 1 June 2018	संशोधन नंबर 1 जून 2018
Date Of Cancellation रद्द होने की तिथि	2 July 2018	2 जुलाई 2018

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 623 : 2008 Bicycle –– Bicycles Frames – Specification (Third Revision)	आईएस 623: 2008 साइकिल-साइकिल फ्रेम - विशिष्टता (तीसरा संशोधन)
Date Of Establishment संशोधन की सख्या और तिथी	5 July 2018	5 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	Amendment No. 1 July 2018	संशोधन नंबर 1 जुलाई 2018
Date Of Cancellation रद्द होने की तिथि	4 Oct. 2018	4 अक्टूबर 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 1489 (Part 1) : 2015 Porland Pozzolana Cement — Specification Part 1 Fly Ash Based (Fourth Revision)	आईएस 1489 (भाग 1): 2015 पोरलैंड पोजोलाना सीमेंट - विशिष्टता भाग 1 फ्लाई ऐश आधारित (चौथा संशोधन)
Date Of Establishment संशोधन की सख्या और तिथि	5 July 2018	5 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	Amendment No. 1 July 2018	संशोधन नंबर 1 जुलाई 2018
Date Of Cancellation रद्द होने की तिथि	4 Sept.2018	4 सितंबर 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 3818 : 1992 Continuous (Plano) Hinges — Specification (Third Revision)	आईएस 3818: 1992 कंटीन्यूअस (प्लानो) टिका - विशिष्टता (तीसरा संशोधन)
Date Of Establishment संशोधन की सख्या और तिथि	5 July 2018	5 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	Amendment No. 2 July 2018	संशोधन नंबर 2 जुलाई 2018
Date Of Cancellation रद्द होने की तिथि	4 Oct. 2018	4 अक्टूबर 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 4246 : 2002 Domestic Gas Stoves for use with Liquefied Petroleum Gases — Specification (Fifth Revision)	आईएस 4246: 2002 घरेलू गैस स्टोव को तरलीकृत पेट्रोलियम गैसों के साथ उपयोग करने के लिए - विशिष्टता (पांचवां संशोधन)
Date Of Establishment संशोधन की सख्या और तिथि	5 July 2018	5 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	Amendment No. 4 July 2018	संशोधन संख्या 4 जुलाई 2018
Date Of Cancellation रद्द होने की तिथि	4 Aug.2018	4 अगस्त 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 646 : 1986 Liquid Chlorine, Technical (Second Revision)	आईएस 646: 1986 तरल क्लोरीन, तकनीकी (दूसरा संशोधन)
Date Of Establishment संशोधन की सख्या और तिथी	2 July 2018	2 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	Amendment No. 2 May 2018	संशोधन नंबर 2 मई 2018
Date Of Cancellation रद्द होने की तिथि	2 July 2018	2 जुलाई 2018

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16111 : 2013 Elastic Bandage	आईएस 16111: 2013 इलास्टिक बैंडेज
Date Of Establishment संशोधन की सख्या और तिथि	2 July 2018	2 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	Amendment No. 1 May 2018	संशोधन नंबर 1 मई 2018
Date Of Cancellation रद्द होने की तिथि	2 July 2018	2 जुलाई 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 2713 (Parts 1 to 3) : 1980 Specification for Tubular Steel Poles for Overhead Power Lines (Second Revision)	आईएस 2713 (भाग 1 से 3): 1980 ओवरहेड पावर लाइन्स (दूसरा संशोधन) के लिए ट्यूबलर स्टील पोल के लिए विशिष्टता
Date Of Establishment संशोधन की सख्या और तिथि	2 July 2018	2 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	Amendment No. 2 June 2018	संशोधन संख्या 2 जून 2018
Date Of Cancellation रद्द होने की तिथि	1 Nov. 2018	2 जुलाई 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 5120 : 1977 Technical Requirements for Rotodynamic Special Purpose Pumps (First Revision)	आईएस 5120: 1977 रोटोडायनामिक स्पेशल पर्पस पंप (प्रथम संशोधन) के लिए तकनीकी आवश्यकताएं
Date Of Establishment संशोधन की सख्या और तिथि	2 July 2018	2 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	Amendment No. 6 June 2018	संशोधन संख्या 6 जून 2018
Date Of Cancellation रद्द होने की तिथि	2 July 2018	2 जुलाई 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO 105-N03 : 1993 Textiles – Tests for Colour Fastness Part N03 Colour Fastness to Bleaching – Sodium Chlorite (Miild)	आईएस / आईएसओ 105-एन03: 1993 टेक्सटाइल्स – टेस्ट फॉर कलर फास्टनेस पार्ट सख्या3 कलर फास्टनेस टू ब्लीचिंग – सोडियम क्लोराइट (सौम्य)
Date Of Establishment संशोधन की सख्या और तिथि	2 July 2018	2 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 987 : 1988 Methods for Determination of Colour Fastness of Textile Materials to Bleaching with Sodium Chlorite (First Revision)	आईएस 987: 1988 सोडियम क्लोराइट (प्रथम संशोधन) के साथ ब्लीचिंग के लिए वस्त्र सामग्री के रंग की स्थिरता के निर्धारण के लिए तरीके
Date Of Cancellation रद्द होने की तिथि	2 July 2018	2 जुलाई 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO 105-N04 : 1993 Textiles – Tests for Colour Fastness Part N04 Colour Fastness to Bleaching – Sodium Chlorite (Severe)	आईएस / आईएसओ 105-छ04: 1993 टेक्सटाइल्स – टेस्ट फॉर कलर फास्टनेस पार्ट सख्या4 कलर फास्टनेस टू ब्लीचिंग – सोडियम क्लोराइट (गंभीर)
Date Of Establishment संशोधन की सख्या और तिथी	2 July 2018	2 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 987 : 1988 Methods for Determination of Colour Fastness of Textile Materials to Bleaching with Sodium Chlorite (First Revision)	आईएस 987: 1988 सोडियम क्लोराइट (प्रथम संशोधन) के साथ ब्लीचिंग के लिए वस्त्र सामग्री के रंग की स्थिरता के निर्धारण के लिए तरीके
Date Of Cancellation रद्द होने की तिथि	2 July 2018	2 जुलाई 2018

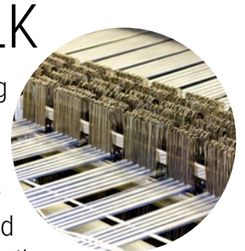
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO 105-X04 : 1994 Textiles – Tests for Colour Fastness Part X04 Colour Fastness to Mercerizing	आईएस / आईएसओ 105-एक्स04: 1994 टेक्सटाइल्स – टेस्ट फॉर कलर फास्टनेस पार्ट एक्स04 कलर फास्टनेस टू मर्सेराइजिंग
Date Of Establishment संशोधन की सख्या और तिथी	2 July 2018	2 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 979 : 1988 Methods for Determination of Colour Fastness of Textile Materials to Mercerizing (First Revision)	आईएस 979: 1988 मेकराईजिंग (पहले संशोधन) के लिए वस्त्र सामग्री के रंग स्थिरता के निर्धारण के लिए तरीके
Date Of Cancellation रद्द होने की तिथि	2 July 2018	2 जुलाई 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 582 (Part 5/Sec 1) : 2018/ISO 17234-1 : 2015 Methods of Chemical Testing of Leather Part 5 Determination of Certain Azo Colorants in Dyed Leathers Section 1 Determination of Certain Aromatic Amines Derived From Azo Colorants	आईएस 582 (भाग 5 / सेक 1): 2018 / आईएसओ 17234-1: 2015 चमड़े के भाग 5 के रासायनिक परीक्षण के तरीके 5 डायोड लीप्स में कुछ एजो रंग का निर्धारण धारा 1 एजो कलरेंट्स द्वारा व्युत्पन्न कुछ एरोमैटिक अमाइन का निर्धारण
Date Of Establishment संशोधन की सख्या और तिथी	2 July 2018	2 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 582 (Part 6/Sec 1) : 2018/ISO 17072-1 : 2011 Methods of Chemical Testing of Leather Part 6 Determination of Metal Content Section 1 Extractable Metals	आईएस 582 (भाग 6 / सेक 1): 2018 / आईएसओ 17072-1: 2011 चमड़े के भाग 6 के रासायनिक परीक्षण के तरीके
Date Of Establishment संशोधन की सख्या और तिथी	2 July 2018	2 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 1448 [P : 27] : 2018/ ISO 5164 : 2014 Methods of Test for Petroleum and Its Products [P : 27] Determination of Knock Characteristics of Motor Fuels – Research Method (Second Revision)	आईएस 1448 रूट 27,: 2018 / आईएसओ 5164: 2014 पेट्रोलियम और उसके उत्पादों के लिए परीक्षण के तरीके (पी:27], मोटर ईंधन की दस्तक विशेषताओं का निर्धारण – अनुसंधान विधि (दूसरा संशोधन)
Date Of Establishment संशोधन की सख्या और तिथि	2 July 2018	2 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 1448 [P : 27] : 2013/ ISO 5164 : 2005 Methods of Test for Petroleum and Its Products [P : 27] Determination of Knock Characteristics of Motor Fuels – Research Method (First Revision)	आईएस 1448 ख्पी: 27,: 2013 / आईएसओ 5164: 2005 पेट्रोलियम और उसके उत्पादों के लिए परीक्षण के तरीके (पी:27], मोटर ईंधन के दस्तक के लक्षण का निर्धारण – अनुसंधान विधि (पहला संशोधन)
Date Of Cancellation रद्द होने की तिथि	2 July 2018	

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 1969 (Part 1) : 2018/ ISO 13934-1 : 2013 Textiles – Tensile Properties of Fabrics Part 1 Determination of Maximum force and Elongation at Maximum Force Using the Strip Method (Fourth Revision)	आईएस 1969 (भाग 1): 2018 / आईएसओ 13934-1: 2013 कपड़ा – कपड़े के तन्यता गुण भाग 1 अधिकतम बल और अधिकतम बल का निर्धारण पट्टी विधि (चौथा संशोधन) का उपयोग करके
Date Of Establishment संशोधन की सख्या और तिथि	2 July 2018	2 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 1969 (Part 1) : 2009/ ISO 13934-1 : 1999 Textiles – Tensile Properties of Fabrics Determination of Maximum force and Elongation at Maximum Force Part 1 Strip Method (Third Revision)	आईएस 1969 (भाग 1): 2009 / आईएसओ 13934-1: 1999 कपड़ा – कपड़े के तन्यता गुण अधिकतम बल और अधिकतम बल भाग 1 स्ट्रिप विधि पर निर्धारण की क्षमता। (तीसरा संशोधन)
Date Of Cancellation रद्द होने की तिथि	2 July 2018	2 जुलाई 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 1969 (Part 2) : 2018/ ISO 13934- 2 : 2014 Textiles – Tensile Properties of Fabrics Part 2 Determination of Maximum Force Using The Grab Method (Fourth Revision)	आईएस 1969 (भाग 2): 2018 / आईएसओ 13934- 2: 2014 कपड़ा – कपड़े के तन्यता गुण भाग 2 हड़पने की विधि का उपयोग कर अधिकतम बल का निर्धारण (चौथा संशोधन)
Date Of Establishment संशोधन की सख्या और तिथि	2 July 2018	2 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 1969 (Part 2) : 2010/ ISO 13934-2 : 1999 Textiles – Tensile Properties of Fabrics –Part 2 Determination of Maximum Force and Elongation at Maximum Force Part 2 Grab Method (Third Revision)	आईएस 1969 (भाग 2): 2010 / आईएसओ 13934-2: 1999 कपड़ा – कपड़े के तन्यता गुण –पार्ट 2 अधिकतम बल और बढ़व का निर्धारण 2 अधिकतम भाग हड़पने की विधि (तीसरा संशोधन)
Date Of Cancellation रद्द होने की तिथि	2 July 2018	2 जुलाई 2018
No., Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 4671 : 2018 Expanded Polystyrene for Thermal Insulation Purposes – Specification (Second Revision)	आईएस 4671: 2018 थर्मल इन्सुलेशन प्रयोजनों के लिए विस्तारित पॉलीस्टाइनिन – विशिष्टता (दूसरा संशोधन)
Date of Establishment संशोधन की सख्या और तिथि	2 July 2018	2 जुलाई 2018
No. & Year of the Amendment संशोधन की तिथि एवं वर्ष	IS 4671 : 1984 Specification for Expanded Polystyrene for Thermal Insulation Purposes – Specification (First Revision)	आईएस 4671: 1984 थर्मल इन्सुलेशन प्रयोजनों के लिए विस्तारित पॉलीस्टायर्न के लिए विशिष्टता – विशिष्टता (प्रथम संशोधन)
Date of Cancellation रद्द होने की तिथि	2 July 2018	2 जुलाई 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 5182 (Part 2/Sec 2) : 2018/ISO 10498 : 2004 Methods for Measurement of Air Pollution Part 2 Sulphur Dioxide Section 2 Ultraviolet Fluorescence Method	आईएस 5182 (भाग 2 / सेक 2): 2018 / आईएसओ 10498: 2004 वायु प्रदूषण के मापन के लिए तरीके भाग 2 सल्फर डाइऑक्साइड धारा 2 पराबैंगनी प्रतिदीप्ति विधि
Date Of Establishment संशोधन की सख्या और तिथि	2 July 2018	2 जुलाई 2018
No. And Year Of The Amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 5182 (Part 6/Sec 2) : 2018/ISO 7996 : 1985 Methods for Measurement of Air Pollution Part 6 Oxides of Nitrogen Section 2 Chemiluminescence Method	आईएस 5182 (भाग 6 / सेक 2): 2018 / आईएसओ 7996: 1985 वायु प्रदूषण की माप के लिए तरीके भाग 6 नाइट्रोजन धारा 2 ऑक्साइड की रासायनिक क्रिया विधि
Date Of Establishment संशोधन की सख्या और तिथि	2 July 2018	2 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 5724 : 2018 Thermal Insulating Cements – Methods of Test (First Revision)	आईएस 5724: 2018 थर्मल इंसुलेटिंग सीमेंट्स – टेस्ट के तरीके (पहला संशोधन)
Date Of Establishment संशोधन की सख्या और तिथी	2 July 2018	2 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 5724 : 1970 Method of Test for Thermal Insulating Cements	आईएस 5724: 1970 थर्मल इन्सुलेट सीमेंट्स के लिए टेस्ट की विधि
Date Of Cancellation रद्द होने की तिथि	2 July 2018	2 जुलाई 2018
No., Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 8370 : 2018 Iron Powder for Powder Metallurgical Applications (First Revision)	आईएस 18370:2018 पाउडर धातुकर्म अनुप्रयोगों के लिए आयरन पाउडर (पहला संशोधन)
Date Of Establishment संशोधन की सख्या और तिथि	2 July 2018	2 जुलाई 2018
No. And Year Of The Amendment संशोधन की तिथि एवं वर्ष	IS 8370 : 1977 Specification for Iron Powder for Powder Metallurgical Applications	आईएस 8370: 1977 पाउडर धातुकर्म अनुप्रयोगों के लिए आयरन पाउडर के लिए विशिष्टता
Date Of Cancellation रद्द होने की तिथि	2 July 2018	2 जुलाई 2018

NEWS YOU CAN USE

TEXTILES TALK



Organized by NITI Aayog under the Chairmanship of Dr. V. K. Saraswat, the first meeting of the Committee to examine the role and functions of the Textile Research Association was held on September 9, 2019, in New Delhi, which saw the presence of TXD officials. The meeting discussed the following points: a) R&D structure of Technical Textiles sector in India, its issues and roadmap for promoting R&D in Technical Textiles. b) Idea of applied research with industry guidance and collaboration.

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 8485 : 2018 Copper Powder for Powder Metallurgical Applications (First Revision)	आईएस 8485: 2018 कॉपर पाउडर पाउडर धातुकर्म अनुप्रयोगों के लिए (पहला संशोधन)
Date Of Establishment संशोधन की सरंख्या और तिथि	2 July 2018	2 जुलाई 2018
No. And Year Of The Amendment संशोधन की तिथि एवं वर्ष	IS 8485 : 1977 Specification for Copper Powder for Powder Metallurgical Applications	आईएस 8485: 1977 पाउडर धातुकर्म अनुप्रयोगों के लिए कॉपर पाउडर क लिए विशिष्टता
Date Of Cancellation रद्द होने की तिथि	2 July 2018	2 जुलाई 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 8983 : 2018 Ready Mixed Paint, Finishing, Stoving for War Equipment – Specification (First Revision)	आईएस 8983: 2018 रेडी मिक्स्ड पेंट, फिनिशिंग, स्टोविंग फॉर वॉर इक्विपमेंट – स्पेसिफिकेशन (फर्स्ट रिवीजन)
Date Of Establishment संशोधन की सरंख्या और तिथि	2 July 2018	2 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 8983 : 1978 Specification for Ready Mixed Paint, Finishing, Stoving for War Equipment	आईएस 8983: 1978 रेडी मिक्स्ड पेंट, फिनिशिंग, स्टोविंग फॉर वॉर इक्विपमेंट के लिए स्पेसिफिकेशन
Date Of Cancellation रद्द होने की तिथि	2 July 2018	2 जुलाई 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 10052 (Part 1/ Sec 4) : 2018/ CISPR 16-1-4 : 2017 Radio Disturbance and Immunity Measuring Apparatus and Methods – Specification Part 1 Radio Disturbance and Immunity Measuring Apparatus Section 4 Antennas and Test Sites for Radiated Disturbance Measurements	आईएस 10052 (भाग 1 / सेक 4): 2018 / सीआईएसपीआर 16-1-4: 2017 रेडियो गड़बड़ी और प्रतिरक्षा माप उपकरण और विधियाँ – विशिष्टता भाग 1 रेडियो गड़बड़ी और प्रतिरक्षा माप उपकरण धारा 4 एंटेना और विकिरणित गड़बड़ी माप के लिए परीक्षण स्थल
Date Of Establishment संशोधन की सरंख्या और तिथि	2 July 2018	2 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 10052 (Part 1/ Sec 5) : 2018/ CISPR 16-1-5 : 2016 Radio Disturbance and Immunity Measuring Apparatus and Methods – Specification Part 1 Radio Disturbance and Immunity Measuring Apparatus Section 5 Antenna Caliberation Sites and Reference Test Sites for 5 MHz to 18 GHz	आईएस 10052 (भाग 1/सेकंड 5): 2018/ सीआईएसपीआर 16-1-5: 2016 रेडियो गड़बड़ी और प्रतिरक्षा माप उपकरण और तरीके – विशिष्टता भाग 1 रेडियो गड़बड़ी और प्रतिरक्षा माप उपकरण धारा 5 5 एंटीना कैलिबरेशन साइटें और 5 मेगाहर्ट्ज के लिए संदर्भ परीक्षण साइटें से 18 गीगा
Date Of Establishment संशोधन की सरंख्या और तिथी	2 July 2018	2 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 10052 (Part 4/ Sec 4) : 2018/CISPR TR 16-4-4 : 2017 Radio Disturbance and Immunity Measuring Apparatus and Methods – Specification Part 4 Uncertainties, Statistics and Limit Modelling Section 4 Statistics of Complaints and a model for the Calculation of Limits for the Protection of Radio Services	आईएस 10052 (भाग 4 / सेक 4): 2018 / सीआईएसपीआर 16-4-4: 2017 रेडियो गड़बड़ी और प्रतिरक्षा माप उपकरण और तरीके – विशिष्टता भाग 4 अनिश्चितता, सांख्यिकी और सीमा मॉडलिंग अनुभाग 4 शिकायतों की सांख्यिकी और गणना के लिए एक मॉडल। रेडियो सेवाओं के संरक्षण के लिए सीमाएं
Date Of Establishment संशोधन की सरंख्या और तिथि	2 July 2018	2 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 10767 (Part 1) : 2018/IEC 60488-1 : 2004 Higher Performance Protocol for the Standard Digital Interface for Programmable Instrumentation Part 1 General (Second Revision)	आईएस 10767 (भाग 1): 2018 / आईईएस 60488-1: 2004 प्रोग्रामेबल इंस्ट्रूमेंटेशन के लिए मानक डिजिटल इंटरफेस के लिए उच्च प्रदर्शन प्रोटोकॉल भाग 1 जनरल (दूसरा संशोधन)
Date Of Establishment संशोधन की सरंख्या और तिथि	2 July 2018	2 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 10767 (Part 1) : 2001/IEC 60488-1 : 1993 Programmable Measuring Instruments – Interface System (Byte Serial, Bit Parallel) Part 1 Functional, Electrical and Mechanical Specifications, System Applications and Requirements for the Designer and User (First Revision)	आईएस 10767 (भाग 1): 2001 / आईईएस 60488-1: 1993 प्रोग्रामेबल मेजरमेंट इंस्ट्रूमेंट्स – इंटरफेस सिस्टम (बाइट सीरियल, बिट पैरेलल) भाग 1 फंक्शनल, इलेक्ट्रिकल और मैकेनिकल स्पेसिफिकेशन्स, सिस्टम एप्लीकेशन और डिजाइनर और यूजर (पहला संशोधन) के लिए आवश्यकताएँ
Date Of Cancellation रद्द होने की तिथि	2 July 2018	2 जुलाई 2018

NEWS YOU CAN USE

CODEX MEET

Organised by the FSSAI, a shadow committee meeting for the 21st session of Codex Committee on fresh fruits and vegetables, was held on September 5, 2019, in New Delhi, and attended by the FAD officials of BIS. India's stand was prepared for each draft Codex document for representation by the delegation in the Codex meeting.

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 10767 (Part 2) : 2018/IEC 60488-2 : 2004 Standard Digital Interface for Programmable Instrumentation Part 2 Codes, Formats, Protocols and Common Commands (Second Revision)	आईएस 10767 (भाग 2): 2018 / आईईएस 60488-2: 2004 प्रोग्राम इंस्ट्रूमेंटेशन पार्ट 2 कोड, फॉर्मेट्स, प्रोटोकॉल और कॉमन कमांड्स (सेकंड रिवीजन) के लिए स्टैंडर्ड डिजिटल इंटरफेस
Date Of Establishment संशोधन की सरंख्या और तिथी	2 July 2018	2 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 10767 (Part 2) : 2001/IEC 60488-2 : 1993 Programmable Measuring Instruments – Interface System (Byte Serial, Bit Parallel) Part 2 Codes, Formats, Protocols and Common Commands (First Revision)	आईएस 10767 (भाग 2): 2001 / आईईएस 60488-2: 1993 प्रोग्राम मापने वाले उपकरण – इंटरफेस सिस्टम (बाइट सीरियल, बिट समानांतर) भाग 2 कोड, प्रारूप, प्रोटोकॉल और सामान्य कमांड (पहला संशोधन)
Date Of Cancellation रद्द होने की तिथि	2 July 2018	2 जुलाई 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO/TS 10993-19 : 2006 Biological Evaluation of Medical Devices Part 19 Physico-Chemical, Morphological and Topographical Characterization of Materials	आईएस / आईएसओ / टीएस 10993-19: 2006 चिकित्सा उपकरणों का जैविक मूल्यांकन भाग 19 भौतिक-रासायनिक, आकृति विज्ञान और सामग्री का स्थलाकृतिक वर्णन
Date Of Establishment संशोधन की सरंख्या और तिथी	2 July 2018	2 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 13730 (Part 53) : 2018/IEC 60317-53 : 2014 Specification for Winding Wires Part 53 Aromatic Polyimide (Aramid) Tape Wrapped Rectangular Copper Wire, Temperature Index 220 (First Revision)	आईएस 13730 (भाग 53): 2018 / आईईएस 60317-53: 2014 घुमावदार तारों के विशेष प्रकारों के लिए विशिष्टता पार्ट 53 एरोमैटिक पॉलीमाइड (ात्रंउपक) टेप आयताकार कॉपर वायर, तापमान 220 220 (प्रथम संशोधन)
Date Of Establishment संशोधन की सरंख्या और तिथी	2 July 2018	2 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 13730 (Part 53) : 2005/IEC 60317-53 : 1999 Specification for Particular Types of Winding Wires Part 53 Aromatic Polyimide (Aramid) Tape Wrapped Rectangular Copper Wire, Temperature Index 220	आईएस 13730 (भाग 53): 2005 / आईईएस 60317-53: 1999 घुमावदार तारों के विशेष प्रकार के लिए विशिष्टता भाग 53 सुगंधित पॉलिमाइड (ऐरामिड) टेप लपेटा आयताकार कॉपर वायर, तापमान सूचकांक 220
Date Of Cancellation रद्द होने की तिथि	2 July 2018	2 जुलाई 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 13778 (Part 4) : 2018/IEC 60851-4 : 2016 Winding Wires – Test Methods Part 4 Chemical Properties (Second Revision)	आईएस 13778 (भाग 4): 2018 / आईईएस 60851-4: 2016 घुमावदार तारों – परीक्षण के तरीके भाग 4 रासायनिक गुण (दूसरा संशोधन)
Date Of Establishment संशोधन की सरंख्या और तिथी	2 July 2018	2 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 13778 (Part 4) : 2011/IEC 60851-4 : 2005 Winding Wires – Test Methods Part 4 Chemical Properties (First Revision)	आईएस 13778 (भाग 4): 2011 / आईईएस 60851-4: 2005 घुमावदार तार – परीक्षण विधियाँ भाग 4 रासायनिक गुण (प्रथम संशोधन)
Date Of Cancellation रद्द होने की तिथि	2 July 2018	2 जुलाई 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 13778 (Part 6) : 2018/IEC 60851-6 : 2012 Winding Wires – Test Methods Part 6 Thermal Properties (Second Revision	आईएस 13778 (भाग 6): 2018 / आईईएस 60851-6: 2012 घुमावदार तारों – परीक्षण के तरीके 6 6 गुण (दूसरा संशोधन)
Date Of Establishment संशोधन की सरंख्या और तिथि	2 July 2018	2 जुलाई 2018
No. And Year Of The Amendment संशोधन की तिथि एवं वर्ष	IS 13778 (Part 6) : 2011/IEC 60851-6 : 1996 Winding Wires – Test Methods Part 6 Thermal Properties (First Revision)	आईएस 13778 (भाग 6): 2011 / आईईएस 60851-6: 1996 घुमावदार तार – परीक्षण विधियाँ भाग 6 थर्मल गुण (पहला संशोधन)
Date Of Cancellation रद्द होने की तिथि	2 July 2018	2 जुलाई 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 14700 (Part 4/ Sec 24) : 2018/IEC 61000-4-24 : 2015 Electromagnetic Compatibility (EMC) Part 4 Testing and Measurement Techniques Section 24 Test Methods for Protective Devices for HEMP Conducted Disturbance (First Revision)	आईएस 14700 (भाग 4 / सेक 24): 2018 / आईईएस 61000-4-24: 2015 विद्युत चुम्बकीय संगतता (म्डब) भाग 4 परीक्षण और मापन तकनीक एचईएमपी के लिए सुरक्षात्मक उपकरणों के लिए 24 परीक्षण विधियाँ संचालित गड़बड़ी (पहला संशोधन)
Date Of Establishment संशोधन की सरंख्या और तिथि	2 July 2018	2 जुलाई 2018
No. And Year Of The Amendment संशोधन की तिथि एवं वर्ष	IS 14700 (Part 4/ Sec 24) : 2007/IEC 61000-4-24 : 1997 Electromagnetic Compatibility (EMC) Part 4 Testing and Measurement Techniques Section 24 Test Methods for Protective Devices for HEMP Conducted Disturbance	आईएस 14700 (भाग 4 / सेक 24): 2007 / आईईएस 61000-4-24: 1997 इलेक्ट्रोमैग्नेटिक कम्पैटिबिलिटी (ईएमसी) भाग 4 परीक्षण और मापन तकनीक एचईएमपी के लिए सुरक्षात्मक उपकरणों के लिए 24 टेस्ट विधि आयोजित की गई गड़बड़ी
Date Of Cancellation रद्द होने की तिथि	2 July 2018	2 जुलाई 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 16713 : 2018 Reclaimed Isobutene-Isoprene (IIR) – Evaluation Procedure	आईएस 16713: 2018 पुनर्विकसित इस्बोटीन-इसोप्रिन (आईआईआर) – मूल्यांकन प्रक्रिया
Date Of Establishment संशोधन की सरंख्या और तिथि	2 July 2018	2 जुलाई 2018
No. And Year Of The Amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही

NEWS YOU CAN USE

AGROTECH & GEOTECH TALK

Under the Chairmanship of the Joint Secretary, Ministry of Textiles, a meeting regarding identification of 106 Technical Textiles items for mandatory use in the area of Agrotech and Geotech was organized by the Ministry of Textiles on September 18-19, 2019, in New Delhi, which saw the presence of TXD officials. During the meeting, the following points relevant to BIS were discussed: a) Technical details of the available Indian Standards on Agrotech and Geotech were provided to the user department. b) User department was requested to provide the inputs for the subjects.

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO 17063 : 2003 Earth-Moving Machinery – Braking Systems of Pedestrian-Controlled Machines – Performance Requirements and Test Procedures	आईएस / आईएसओ 17063: 2003 अर्थ-मूविंग मशीनरी – पैदल चलने वाली मशीनों की ब्रेकिंग सिस्टम – प्रदर्शन आवश्यकताएं और परीक्षण प्रक्रियाएं
Date Of Establishment संशोधन की सख्या और तिथि	2 July 2018	2 जुलाई 2018
No. And Year Of The Amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO/IEC 19794-8 : 2011 Information Technology – Biometric Data Interchange Formats Part 8 Finger Pattern Skeletal Data	आईएस / आईएसओ / आईईसी 19794-8: 2011 सूचना प्रौद्योगिकी – बॉयोमीट्रिक डेटा इंटरचेंज भाग 8 फिंगर पैटर्न कंकाल डेटा
Date Of Establishment संशोधन की सख्या और तिथि	2 July 2018	2 जुलाई 2018
No. And Year Of The Amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 2252 : 2018 Diacetone Alcohol – Specification (Fourth Revision)	आईएस 2252: 2018 डायसेटोन अल्कोहल – विशिष्टता (चौथा संशोधन)
Date Of Establishment संशोधन की सख्या और तिथि	2 July 2018	2 जुलाई 2018
No. And Year Of The Amendment संशोधन की तिथि एवं वर्ष	IS 2252 : 2001 Diacetone Alcohol – Specification (Third Revision)	आईएस 2252: 2001 डायकिटोन अल्कोहल – विशिष्टता (तीसरा संशोधन)
Date Of Cancellation रद्द होने की तिथि	2 July 2018	2 जुलाई 2018

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO/IEC TS 29140-2 : 2011 Information Technology for Learning, Education and Training – Nomadicity and Mobile Technologies Part 2 Learner Information Model for Mobile Learning	आईएस / आईएसओ / आईईसी टीएस 29140-2: 2011 सूचना, शिक्षा और प्रशिक्षण के लिए सूचना प्रौद्योगिकी – खानाबदोश और मोबाइल प्रौद्योगिकी भाग 2 सीखने के लिए मोबाइल सीखने के लिए मॉडल
Date Of Establishment संशोधन की सख्या और तिथि	2 July 2018	2 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	Na	लागू नही
Date Of Cancellation रद्द होने की तिथि	Na	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO/TR 37137 : 2014 Cardiovascular Biological Evaluation of Medical Devices – Guidance for Absorbable Implants	आईएस / आईएसओ / टीआर 37137:2014 चिकित्सा उपकरणों के हृदय संबंधी जैविक मूल्यांकन – अवशोषण योग्य प्रत्यारोपण के लिए मार्गदर्शन
Date Of Establishment संशोधन की सख्या और तिथि	2 July 2018	2 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	Na	लागू नही
Date Of Cancellation रद्द होने की तिथि	Na	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 294 : 2018 Single Superphosphate – Specification (Third Revision)	आईएस 294: 2018 सिंगल सुपरफॉस्फेट – विशिष्टता (तीसरा संशोधन)
Date Of Establishment संशोधन की सख्या और तिथि	5 July 2018	5 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 294 : 1979 Specification for Superphosphate (Second Revision)	294: 1979 सुपरफॉस्फेट के लिए विशिष्टता (दूसरा संशोधन)
Date Of Cancellation रद्द होने की तिथि	5 July 2018	5 जुलाई 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 1364 (Part 2) : 2018/ISO 4017 : 2014 Hexagon Head Bolts, Screws and Nuts of Product Grades A and B Part 2 Hexagon Head Screws (Size Range M 1.6 to M 64) (Fifth Revision)	आईएस 1364 (भाग 2): 2018 / आईएसओ 4017: 2014 हेक्सागोन हेड बोल्ट्स, स्क्रू एंड नट्स ऑफ प्रोडक्ट्स ग्रेड ए और बी पार्ट 2 हेक्सागोन हेड स्क्रू (साइज रेंज एम 1.6 से एम 64) (पांचवां संशोधन)
Date Of Establishment संशोधन की सख्या और तिथि	5 July 2018	5 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 1364 (Part 2) : 2002/ISO 4017 : 1999 Hexagon Head Bolts, Screws and Nuts of Product Grades A and B Part 2 Hexagon Head Screws (Size Range M 1.6 to M 64) (Fourth Revision)	आईएस 1364 (भाग 2): 2002 / आईएसओ 4017: 1999 हेक्सागोन हेड बोल्ट्स, स्क्रू एंड नट्स ऑफ प्रोडक्ट्स ग्रेड । और ठ पार्ट 2 हेक्सागोन हेड स्क्रू (आकार रेंज ड 1.6 से ड 64) (चौथा संशोधन)
Date Of Cancellation रद्द होने की तिथि	5 July 2018	5 जुलाई 2018

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 1364 (Part 3) : 2018/ ISO 4032 : 2012 Hexagon Head Bolts, Screws and Nuts of Product Grades A and B Part 3 Hexagon Nuts, Style 1 (Size Range M 1.6 To M 64) (Fifth Revision)	आईएस 1364 (भाग 3): 2018 / आईएसओ 4032: 2012 हेक्सागोन हेड बोल्ट्स, स्क्रू एंड नट्स ऑफ प्रोडक्ट्स ग्रेड ए और बी पार्ट 3 हेक्सागन नट्स, स्टाइल 1 (साइज रेंज एम 1.6 टू एम 64) (पांचवां संशोधन)
Date Of Establishment संशोधन की सख्या और तिथि	5 July 2018	5 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 1364 (Part 3) : 2002/ ISO 4032 : 1999 Hexagon Head Bolts, Screws and Nuts of Product Grades A and B Part 3 Hexagon Nuts, Style 1 (Size Range M 1.6 To M 64) (Fourth Revision)	आईएस 1364 (भाग 3): 2002 / आईएसओ 4032: 1999 हेक्सागोन हेड बोल्ट्स, स्क्रू एंड नट्स ऑफ प्रोडक्ट्स ग्रेड ए और बी पार्ट 3 हेक्सागन नट्स, स्टाइल 1 (साइज रेंज एम 1.6 टू एम 64) (चौथा संशोधन)
Date Of Cancellation रद्द होने की तिथि	5 July 2018	5 जुलाई 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 1364 (Part 6) : 2018/ ISO 4033 : 2012 Hexagon Head Bolts, Screws and Nuts of Product Grades A and B Part 6 Hexagon Nuts, Style 2 (First Revision)	आईएस १३६४ (भाग ६): २ १ ६ / आईएसओ ४ ३३: २ १२ हेक्सागोन हेड बोल्ट्स, स्क्रू एंड नट्स ऑफ प्रोडक्ट्स ग्रेड ए और बी पार्ट 6 हेक्सागन नट्स, स्टाइल 2 (फर्स्ट रिवीजन)
Date Of Establishment संशोधन की सख्या और तिथि	5 July 2018	5 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 1364 (Part 6) : 2002/ISO 4033 : 1999 Hexagon Head Bolts, Screws and Nuts of Product Grades A and B Part 6 Hexagon Nuts, Style 2	आईएस 1364 (भाग 6): 2002 / आईएसओ 4033: 1999 हेक्सागोन हेड बोल्ट्स, स्क्रू एंड नट्स ऑफ प्रोडक्ट्स ग्रेड ए और बी पार्ट 6 हेक्सागन नट्स, स्टाइल 2
Date Of Cancellation रद्द होने की तिथि	5 July 2018	5 जुलाई 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 1443 : 2018 Laying and Finishing of Cement Concrete Tiles – Code of Practice (Second Revision)	आईएस 1443: 2018 सीमेंट कंक्रीट टाइल्स का बिछाने और परिष्करण – अभ्यास संहिता (दूसरा संशोधन)
Date Of Establishment संशोधन की सख्या और तिथि	5 July 2018	5 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 1443 : 1972 Code of Practice for Laying and Finishing of Cement Concrete Flooring Tiles (First Revision)	आईएस 1443: 1972 सीमेंट कंक्रीट फर्श टाइल्स (पहले संशोधन) के बिछाने और परिष्करण के लिए अभ्यास की संहिता
Date Of Cancellation रद्द होने की तिथि	5 July 2018	5 जुलाई 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 2114 : 2018 Laying in-Situ Terrazzo Floor Finish – Code of Practice (Second Revision)	आईएस 2114: 2018 इन-सीटू टेरेजो फ्लोर फिनिशिंग – कोड ऑफ प्रैक्टिस (दूसरा संशोधन)
Date Of Establishment संशोधन की सख्या और तिथि	5 July 2018	5 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 2114 : 1984 Code of Practice for Laying in-Situ Terrazzo Floor Finish (First Revision)	आईएस 2114: 1984 इन-सीटू टेरेजो फ्लोर फिनिश (पहला संशोधन) बिछाने के लिए अभ्यास की संहिता
Date Of Cancellation रद्द होने की तिथि	5 July 2018	5 जुलाई 2018

No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 3025 (Part 19) : 2018 Methods of Sampling and Test (Physical and Chemical) for Water and Waste Water Part 19 Settleable Matter (Second Revision)	आईएस 3025 (भाग 19): 2018 पानी और अपशिष्ट जल के लिए नमूना और परीक्षण (भौतिक और रासायनिक) के तरीके 19 निपटान योग्य पदार्थ (दूसरा संशोधन)
Date Of Establishment संशोधन की सख्या और तिथि	5 July 2018	5 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	IS 3025 (Part 19) : 1984 Methods of Sampling and Test (Physical and Chemical) for Water and Waste Water Part 19 Settleable Matter (First Revision)	आईएस 3025 (भाग 19): 1984 जल और अपशिष्ट जल के लिए नमूना और परीक्षण (भौतिक और रासायनिक) के तरीके 19 निपटान योग्य पदार्थ (पहला संशोधन)
Date Of Cancellation रद्द होने की तिथि	5 July 2018	5 जुलाई 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 6191 (Part 5) : 2018/ISO 11644 : 2009 Methods of Micro-Biological, Colour Fastness and Microscopical Tests for Leather Part 5 Test for Adhesion of Finish	आईएस 6191 (भाग 5): 2018 / आईएसओ 11644: 2009 माइक्रो-बायोलाजिकल, कलर फास्टनेस और माइक्रोस्कोपिक टेस्ट के लिए लेदर पार्ट 5 टेस्ट फॉर अडिशन ऑफ फिनिश
Date Of Establishment संशोधन की सख्या और तिथि	5 July 2018	5 जुलाई 2018
No. and year of the amendment संशोधन की तिथि एवं वर्ष	NA	लागू नही
Date Of Cancellation रद्द होने की तिथि	NA	लागू नही
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS 7920 (Part 3) : 2018/ ISO 3534-3 : 2013 Statistics – Vocabulary and Symbols Part 3 Design of Experiments (Third Revision)	आईएस 7920 (भाग 3): 2008 आईएसओ3534-3: 2013 सांख्यिकी – शब्दावली और प्रतीक 3 भाग प्रयोग के डिजाइन (तीसरा संशोधन)
Date Of Establishment संशोधन की सख्या और तिथि	5 July 2018	5 जुलाई 2018
No. And Year Of The Amendment संशोधन की तिथि एवं वर्ष	IS 7920 (Part 3) : 1996 Statistics – Vocabulary and Symbols Part 3 Design of Experiments (Second Revision)	आईएस7920 (भाग 3):1996 सांख्यिकी – शब्दावली और प्रतीक भाग 3 प्रयोगों का डिजाइन (दूसरा संशोधन)
Date Of Cancellation रद्द होने की तिथि	5 July 2018	5 जुलाई 2018
No.,Year & Title Of The Indian Standards Established भारतीय मानकों की संख्या, वर्ष एवं शीर्षक	IS/ISO/IEC 9796-2 : 2010 Information Technology – Security Techniques – Digital Signature Schemes Giving Message Recovery Part 2 Integer Factorization Based Mechanisms (First Revision)	आईएस / आईएसओ / आईईसी 9796-2: 2010 सूचना प्रौद्योगिकी – सुरक्षा तकनीक – डिजिटल हस्ताक्षर योजनाएं संदेश पुनर्प्राप्ति भाग 2 पूर्णांक फैक्टराइजेशन आ/ारित यांत्रिकी (प्रथम संशोधन)
Date Of Establishment संशोधन की सख्या और तिथि	5 July 2018	5 जुलाई 2018
No. And Year Of The Amendment संशोधन की तिथि एवं वर्ष	IS/ISO/IEC 9796-2 : 2002 Information Technology – Security Techniques – Digital Signature Schemes Giving Message Recovery Part 2 Integer Factorization Based Mechanisms	आईएस / आईएसओ / आईईसी 9796-2: 2002 सूचना प्रौद्योगिकी – सुरक्षा तकनीक – डिजिटल हस्ताक्षर योजनाएं संदेश पुनर्प्राप्ति भाग 2 पूर्णांक फैक्टराइजेशन आधारित तंत्र
Date Of Cancellation रद्द होने की तिथि	5 July 2018	5 जुलाई 2018

STANDARDS IN VIDEO SURVEILLANCE

An introduction to standards in video surveillance and an overview of existing relevant standardization efforts, process, and roadmap

BY J. FERRYMAN

Video surveillance plays a major role in the protection of critical infrastructure. Whether for preventive or post-event analysis, authorities require the capability to rapidly exploit closed-circuit television (CCTV) data collected in the vicinity of infrastructure to understand situations and scenarios as they unfold, which are directly related to protection of the infrastructure.

It is widely recognized that standards play a major role in enabling interoperability, uniform quality in provision of services, reduction in costs, future-proofing, and wider still, in enabling the EU security industry to be more competitive globally.

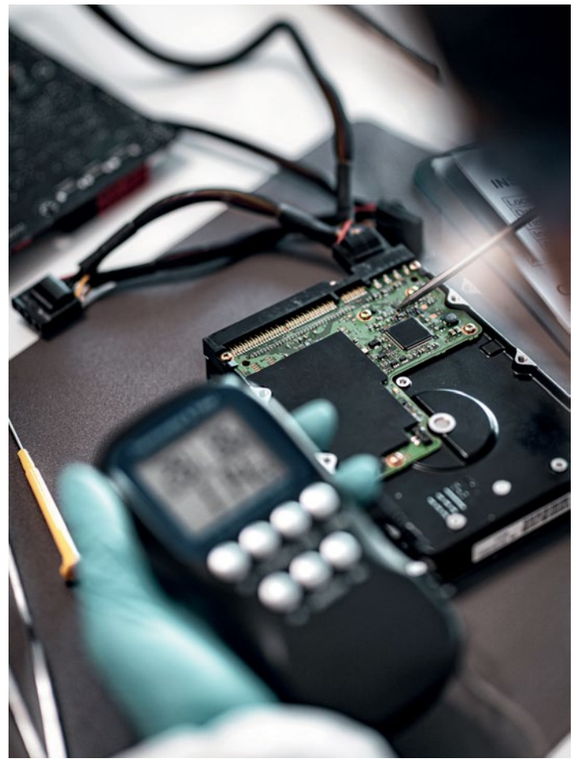
REQUIREMENTS FOR STANDARDIZATION

Standards development includes establishment of consistent protocols that are universally understood and adopted. Standards are vital for interoperability of technologies used by law enforcement and other authorities. However, to date, very few EU wide standards exist in the area of security, especially in surveillance and video analytics. This is largely due to lack of agreement on processes and best practice in the heterogeneous security market, which has resulted in divergent national standards.

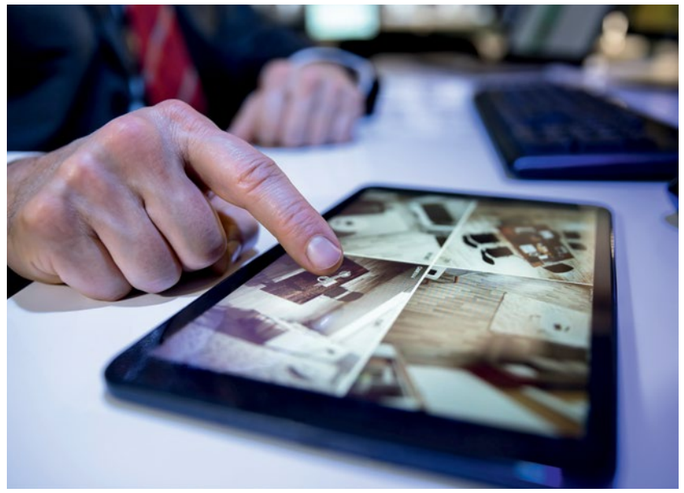
In 2011, underpinned by a number of studies including the European Society Research and Innovation Forum, the European Commission announced in its Communication on a Strategic Vision for European Standards the need to speed up standardization efforts in the civil security area (Poustourli and Kourti 2014). A programming mandate M/487 (European Commission 2011) was subsequently issued to the European Standardization Organizations (CEN, Cenelec and the European Telecommunications Standards Institute(ETSI))to obtain a detailed overview of existing international, European and national standards in the security area, as well as to set out a list of standardization gaps and to propose a standardization work programme.

The work was accepted by the European Standards Organizations and allocated to CEN/TC391 'Societal and Citizen Security'. As a result, a study was carried out to analyze the current security standardization landscape and the security end users need of standards in three thematic areas: chemical, biological, radiological, nuclear and explosives, border security—automated border control systems, as well as biometric identifiers; and crisis management and civil protection—including communication and organizational interoperability. The outcome of the study was a set of roadmaps in each

It is widely recognized that standards play a major role in enabling interoperability, uniform quality in provision of services, reduction in costs, future-proofing, and wider still, in enabling the EU security industry to be more competitive globally



of these areas and ultimately a set of priorities in the work programme of the CEN and Cenelec TCs. Besides interoperability aspects related to both real-time and post-event analysis (Leal-Taixé, et al. 2015), there is a need to benchmark performance of video surveillance systems. Performance evaluation refers to the process of assessing quantitatively (and qualitatively) performance of individual video analytic methods (detection, tracking, recognition, event or behavioural analysis) against the ground truth, using a set of appropriately defined metrics. Besides technical interoperability and benchmarking aspects, there is a demand for transparency in relation to legal and ethical aspects of surveillance (Savasa2014). For eg.,'privacy-by-design should facilitate cross country acceptance of surveillance products. But how'? (Gemo and Andritsos 2011).



Standards development includes establishment of consistent protocols that are universally understood and adopted. Standards are vital for interoperability of technologies used by law enforcement and other authorities

RELEVANT ISO/IEC STANDARDS

The following sections outline the main standards, which relate to video analytics and critical infrastructure protection. The main categories of standards considered are:
(1) alarm systems, (2) multimedia, (3) forensics, (4) video surveillance, and (5) risk management. This is depicted in *Figure 1*: Main standards relating to video surveillance for protection of critical infrastructure (adapted from Sulzer (2014)

ALARM SYSTEMS
CENELEC—EN 50132-1:2010

The European Norm 50132-1 "Alarm systems—CCTV surveillance systems for use in security applications —Part1: System requirements" was established with the aim of ensuring a high consistent level of performance of video surveillance systems in Europe. The latter gave recommendations for the selection, planning and installation of CCTV systems comprising camera(s) with monitor(s) and/or video recorder(s), switching, control and ancillary equipment for use in security applications (part 7) and video transmission (part 5). Note that 50132-1 has now been withdrawn and superseded by EN 62676-1-1 detailed below.

MULTIMEDIA
ISO/IEC 23000-10:2012

ISO/IEC 23000-10 (Information technology—Multimedia application format (MPEG-A)—Part10: Surveillance application format) is an international ISO standard published in December 2012. ISO/IEC23000-10:2012 specifies "a file format designed to store data in

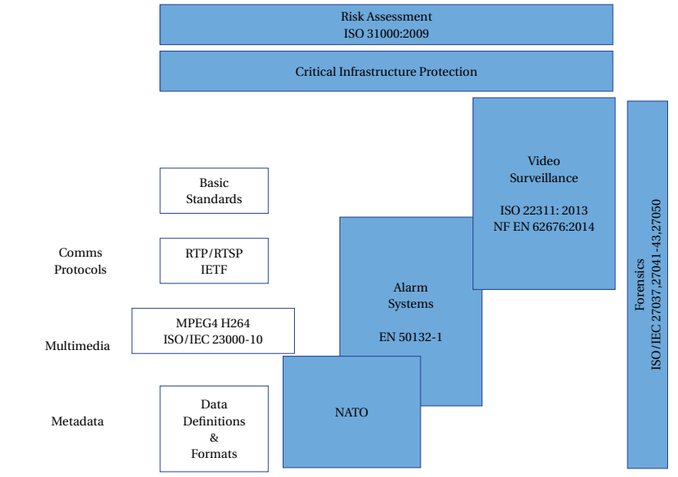


Figure 1: Main standars relating to video surveillance for protection of critical infrastructure (adapted from Sulzer (2014))

and exchange data between surveillance systems. The file format provides an overall structure for media content and associated metadata. Media data coverage includes image, video, and audio data. Specific features to support application of the format in surveillance systems include dedicated time information in a separate track as well as segmentation and segment linking provisions for media data".

FORENSICS
ISO/IEC 27037:2012, 27041:2015, 27042:2015, 27043:2015, 27050 (DRAFT)

There are a number of relevant forensics standards (ISO27037; 27041-27043; 27050) whose main purpose is to promote good practice in methods and processes for forensic capture and investigation of digital evidence. Specifically, it includes provision of guidance on digital still and video cameras (CCTV), amongst other devices and formats.

ISO 27037, published in October 2012, is focussed on the initial capture and storage of the potential image and video evidence and not on the subsequent (automated) analysis of the evidence.

ISO 27041(2015) provides guidance on general assurance aspects of digital forensics. Specifically, that forensic tools and methods are applied properly. ISO 27042 (2015) covers the analysis and interpretation of digital evidence. ISO 27050 (currently under draft) addresses electronic discovery within the collected forensic data. This includes the actual processing (analysis/search) of video data, which would include the application of video analytics.

VIDEO SURVEILLANCE
ISO 22311:2013

The ISO international standard on 'Societal security—Video surveillance Format—Export interoperability' led by Jean-Francois Sulzer (Thales) provides (ISO n.d.) (European Commission 2011) "an export interoperability profile which constitutes the exchange format and minimum technical requirements that ensure that the digital video surveillance contents exported are compatible with the replay systems, establish an appropriate level of quality and contain all the context information (metadata) necessary for their processing". The standard is motivated by the needs of law enforcement where "the authorities [require the capability] to be able to rapidly use the data collected by different CCTV systems from given locations". The aim was not to invent a new format, but to rely heavily on a blend of individual technical standards separately developed, concentrating on the minimum set of profiles required to achieve the objective: for video in general MPEG (MPEG-4 H264 of ISO JTC 1 SC29), for the world of digital television (range of norms SMPTE), the NATO's interoperability mechanisms for animated images Stanag 4609, etc. Furthermore, the standard would represent a non-proprietary affordable solution for all future systems. The standard includes the following video content components:

- Format for video content compression with quality required for exploitation in forensic police work, with preferred profiles, based on MPEG-4 H264 from ISO CEI JTC SC29;
- Minimum list of data describing the conditions of capture (i.e. metadata), the time and date the sequence was recorded, angles of view and the zoom value (for PTZ cameras), GPS coordinates for a camera on a vehicle, etc.; for each of these categories of metadata a specific means of representation (e.g. XML);
- Means to precisely synchronize the various elements captured at the same time, such as video(s), sound, metadata and alarms; the recommended solution is the format MPEG-A (ISO/CEI23000-10);
- Format or transfer protocol enabling a person exploiting the videos to be aware of what form the content will be sent;
- Means to integrate constraints relating to security and authentication of content that is valid as evidence in a court of law.

The standard was voted to Committee Draft status in November 2010 (ISO/CD 22311), approved by TC223 in June 2012 and subsequently published by ISO in November 2012.The standard (as of April 2015) is designated to be revised.

ISO/IEC23000-10:2012 specifies a file format designed to store data in and exchange data between surveillance systems

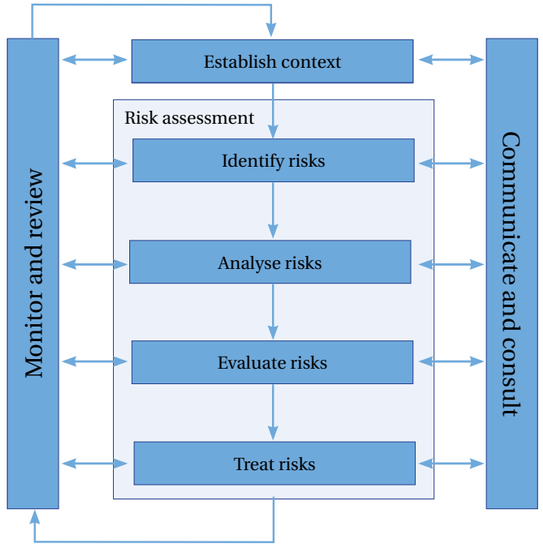


Figure 2: ISO 31000 risk management process

NF EN 62676:2014
N 62676-1-1 (Video surveillance systems for use in security applications, 2013) is a series of standards intended to enable flexibility to overcome problems a system designer may have. It should be noted that the BS EN 62676 series of standards are the first standards for CCTV video surveillance that will be used to any significant extent in Member States and include the use of security grading. The full set of standards is as follows:

• Part 1-1: System requirements—General specifies the minimum requirements and gives recommendations for video surveillance systems installed for security applications;
• Part 1-2: Video transmission—General video transmission—Requirements;
• Part 2-1: Video transmission protocols—General requirements;
• Part 2-2: Video transmission protocols—IP interoperability implementation based on HTTP and REST services;
• Part 2-3: Video transmission protocols—IP interoperability implementation based on Web services defines procedures for communication between network video clients and video transmitter devices based on Web services. This new set of specifications makes it possible to build network video systems with devices and receivers from different manufacturers using Web services. This international standard also contains full XML schema and Web Services Description Language definitions for the introduced network video services. Furthermore, appropriate protocol extensions have been introduced in order to make it possible for network video manufacturers to offer a fully standardised network video transfer solution to its customers and integrators;
• Part 3: Analog and digital video interfaces;
• Part 4: Application guidelines.

RISK ANALYSIS

ISO 31000:2009—RISK MANAGEMENT—PRINCIPLES AND GUIDELINES

ISO 31000:2009 provides a high-level set of principles, framework and processes for managing risk and implementing risk management. The standard can be used by an organization irrespective of its size, activity or sector as seen in *Figure 2:* ISO 31000 risk management process.
In terms of critical infrastructure, risks in relation to performance of visual surveillance methods and systems need to be considered as part of the overall risk management profile. In particular to consider standardisation of methods for visual surveillance as part of security management system certification. Sapori and Sciutto (2014) provide a detailed description of a method of risk analysis and assessment responding to the decision-making needs and which allows development of an integrated analysis of the elements an organisation comprises (technological systems, procedures and human factor) through a multi-risk analysis aimed at assessing technological failure, intentional attacks and natural disasters. This enables evaluation, for example, of the effects of the security surveillance systems on safety and vice versa (Sapori and Sciutto 2014).

This article is an extract from a publication, which is a Technical report by the Joint Research Centre(JRC), the European Commission's in-house science service. It aims to provide evidence-based scientific support to the European policymaking process. The scientific output expressed does not imply a policy position of the European Commission

BENCHMARKING ACTIVITIES
It is not possible to consider standardization in video surveillance and video analytics by considering interoperability aspects alone. There is a need to consider benchmarking activities whose aim is to effectively assess the performance of algorithms and systems in order to attain robustness under varying conditions (scene complexity, illumination, etc.).

A large number of algorithms have been designed and tested for the tasks of object detection and tracking as well as for detection of events of interest, abnormalities or criminal behaviours. To answer the need of having a publicly available set of annotated video sequences, many evaluation programmes (including Etiseo, PETS, Caviar and TRECVid) have been created. Such research programmes provide video sequences at various difficulty levels together with associated ground truth. However, the same global difficulty levels may be constituted by different individual video processing problems (e.g., shadows, reflections, weak contrast, etc.). Consequently, the evaluation processes employed do not enable one to gain sufficient insight into each image processing algorithm. Specifically, for a given algorithm, the evaluation does not indicate which video processing problems that it has to pay attention to, which improvement is the most crucial and under which conditions this algorithm can achieve satisfactory performance, or is likely to fail to provide useful results. Standardization has not been achieved to date either at the individual detection level or at the overall surveillance architecture level.

CERTIFICATION OF SURVEILLANCE SYSTEMS FOR PROTECTION OF CRITICAL INFRASTRUCTURE

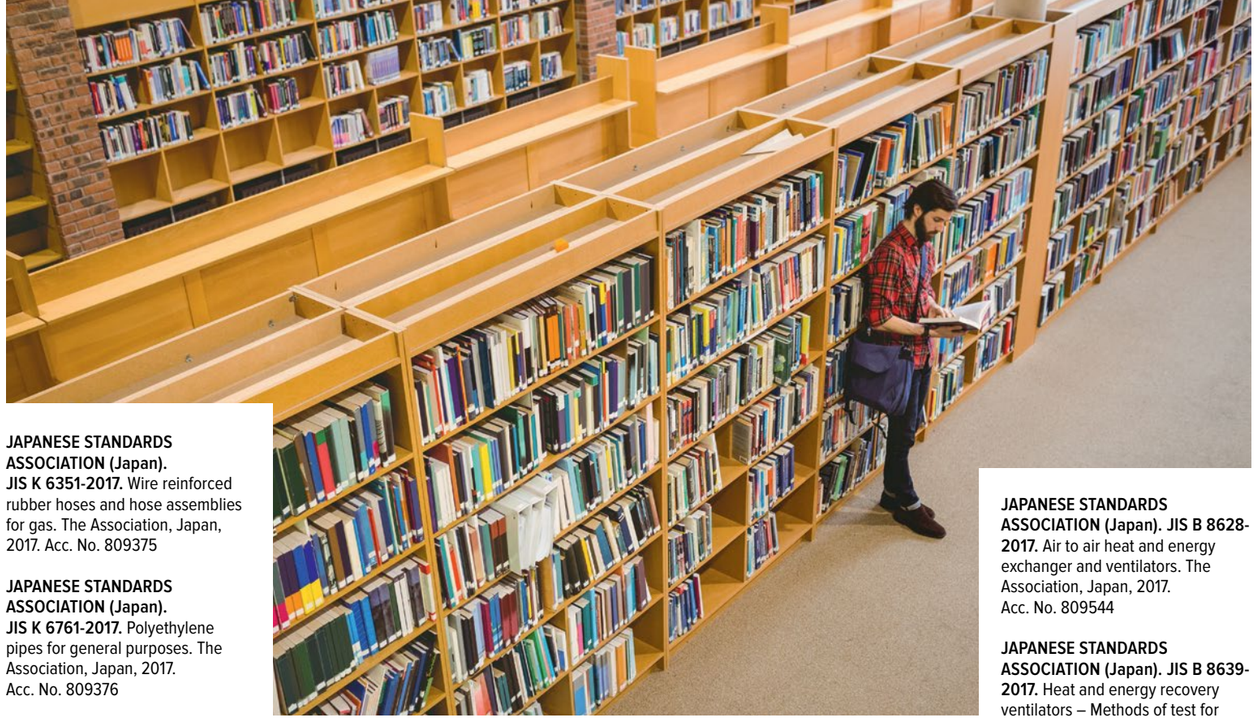
• Undertake a common requirements gathering exercise to collect the views and opinions of relevant surveillance system stakeholders on the possibility of creating a harmonized certification procedure for video surveillance systems and components at EU level. • Based on positive support established in consultation with stakeholders, produce an impact assessment in this sector. • Undertake a security profiling of products to be certified. • Research and develop an appropriate video surveillance system evaluation methodology, including appropriate dataset(s) and metrics. • Draft 'new approach' guidance for the sector, i.e., with technical requirements defined in harmonized standards and with obligatory conformity assessment performed by 'notified bodies'; organizations selected for the task by the Member States and notified to the Commission by them. • Certification would support a procurement framework to be used by critical infrastructure end users when procuring video analytics making use of these datasets (J. van Rest, Surveillance use cases: Focus on video analytics 2015).

It is widely recognized that standards play a major role as fundamental building blocks in surveillance product development, to ensure uniform quality in provision of services, and wider still in enabling the EU security industry to be more competitive globally.

—The author is Ph.D., University of Reading, UK

NEW ADDITIONS TO OUR SHELVES

The BIS' collection of standards literature is always being supplemented



BUREAU OF INDIAN STANDARDS (New Delhi). IS 101-2-5-2017. Methods of sampling and test for paints, varnishes and related products. Part 2: Test on liquid paints (chemical examination) Section 5: Determination of volatile organic compound content of low-VOC emulsion paints (In-can VOC). Acc. No. 809429

BUREAU OF INDIAN STANDARDS (New Delhi). IS 101-10-2-2018. 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. The Bureau, New Delhi, 2018. Acc. No. 809430

BUREAU OF INDIAN STANDARDS (New Delhi). IS 101-10-3-2018. 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. The Bureau, New Delhi, 2018. Acc. No. 809431

BUREAU OF INDIAN STANDARDS (New Delhi). IS 101-10-4-2018. 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. The Bureau, New Delhi, 2018. Acc. No. 809432

INTERNATIONAL ELECTROTECHNICAL COMMISSION (Geneva). IEC 60092-376-2017. Electrical installations in ships- Part 376: Cables for control and instrumentation circuits 150/250 V (300 V). The Commission, Geneva, 2017. Acc. No. 809438

INTERNATIONAL ELECTROTECHNICAL COMMISSION (Geneva). IEC 60230-2018. Impulse tests on cables and their accessories. The Commission, Geneva, 2018. Acc. No. 809433

INTERNATIONAL ELECTROTECHNICAL COMMISSION (Geneva). IEC 61400-12-1-2017. Wind energy generation systems Part 12-1: Power performance measurements of electricity producing wind turbines. The Commission, Geneva, 2017. Acc. No. 809434

INTERNATIONAL ELECTROTECHNICAL COMMISSION (Geneva). IEC 61131-2-2017. Industrial: process measurement and control: Programmable controllers: Part 2: Equipment requirement and tests. The Commission, Geneva, 2017. Acc. No. 809420

JAPANESE STANDARDS ASSOCIATION (Japan). JIS K 6351-2017. Wire reinforced rubber hoses and hose assemblies for gas. The Association, Japan, 2017. Acc. No. 809375

JAPANESE STANDARDS ASSOCIATION (Japan). JIS K 6761-2017. Polyethylene pipes for general purposes. The Association, Japan, 2017. Acc. No. 809376

JAPANESE STANDARDS ASSOCIATION (Japan). JIS K 6955-2017. Plastics- Determination of the ultimate aerobic biodegradability of plastic materials in soil by measuring the oxygen demand in a respirometer or the amount of carbon dioxide evolved. The Association, Japan, 2017. Acc. No. 809377

JAPANESE STANDARDS ASSOCIATION (Japan). JIS S 2350-2017. Glass container with content volume indicated. The Association, Japan, 2017. Acc. No. 809378 JAPANESE STANDARDS ASSOCIATION (Japan). JIS T 3243-2017. Catheters and tubes designed for the biliary tract. The Association, Japan, 2017. Acc. No. 809379

BRITISH STANDARDS INSTITUTION (London). BS EN 50155-2017. Railway applications – Rolling stock – Electronic equipment. The Institution, London, 2017. Acc. No. 809618

INTERNATIONAL ELECTROTECHNICAL COMMISSION (Geneva). IEC 61724-1-2017. Photovoltaic system performance: Part 1: Monitoring. The Commission, Geneva, 2016. Acc. No. 809507

INTERNATIONAL ELECTROTECHNICAL COMMISSION (Geneva). IEC 62133-2-2017. Secondary cells and batteries containing alkaline or other non-acid electrolytes: Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable application - Part 2: Lithium systems. The Commission, Geneva, 2017. Acc. No. 808621

BUREAU OF INDIAN STANDARDS (New Delhi). IS 16333-3-2017. Indian language support for mobile phone handsets – Specific requirements. The Bureau, New Delhi, 2017. Acc. No. 809700

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION (Geneva). ISO 8637-1-2017. Extracorporeal system for blood purification- Part 1: Haemodialysers, haemodiafilters, haemofilters and haemoconcentrators. The Organization, Geneva, 2017. Acc. No. 809448

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION (Geneva). ISO 11357-6-2018. Plastics- Differential scanning calorimetry (DSC)- Part 6: Determination of oxidation induction time (isotherma OIT) and oxidation induction temperature (dynamic OIT). The Organization, Geneva, 2018. Acc. No. 809494

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION (Geneva). ISO 11783-1-2017. Tractors and machinery for agriculture and forestry – Serial control and communications data network: Part 1: General standard for mobile data communication. The Organization, Geneva, 2017. Acc. No. 809501

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION (Geneva). ISO 18562-4-2017. Biocompatibility evaluation of breathing gas pathways in healthcare applications: Part 4: Tests for leachables in condensate. The Organization, Geneva, 2017. Acc. No. 809616

JAPANESE STANDARDS ASSOCIATION (Japan). JIS A 1408-2017. Test methods of bending and impact of building boards. The Association, Japan, 2017. Acc. No. 809538

JAPANESE STANDARDS ASSOCIATION (Japan). JIS A 1423-2017. Simplified test method for normal emissivity by infrared radiation thermometer. The Association, Japan, 2017. Acc. No. 809539

JAPANESE STANDARDS ASSOCIATION (Japan). JIS A 2191-2017. Designing guideline for the elderly and people with disabilities – Windows and doors application in housing design. The Association, Japan, 2017. Acc. No. 809540

JAPANESE STANDARDS ASSOCIATION (Japan). JIS A 4811-2017. Specifications of cords of indoor blinds for household use – Safety for children. The Association, Japan, 2017. Acc. No. 809541

JAPANESE STANDARDS ASSOCIATION (Japan). JIS B 8210-2017. Safety devices for protection against excessive pressure: Safety valves. The Association, Japan, 2017. Acc. No. 809546

JAPANESE STANDARDS ASSOCIATION (Japan). JIS B 8265-2017. Construction of pressure vessel – General principles. The Association, Japan, 2017. Acc. No. 809547

JAPANESE STANDARDS ASSOCIATION (Japan). JIS B 8628-2017. Air to air heat and energy exchanger and ventilators. The Association, Japan, 2017. Acc. No. 809544

JAPANESE STANDARDS ASSOCIATION (Japan). JIS B 8639-2017. Heat and energy recovery ventilators – Methods of test for performance of flowrate, net supply airflow and gross effectiveness. The Association, Japan, 2017. Acc. No. 809545

JAPANESE STANDARDS ASSOCIATION (Japan). JIS B 9704-2-2017. Safety of machinery – Electro-sensitive protective equipment – Part 2: Particular requirements for equipment using active opto-electronic protective devices (AOPDs). The Association, Japan, 2017. Acc. No. 809548

JAPANESE STANDARDS ASSOCIATION (Japan). JIS C 4602-2017. Overcurrent relays for 6.6 kV consumers. The Association, Japan, 2017. Acc. No. 809549

JAPANESE STANDARDS ASSOCIATION (Japan). JIS C 8105-2-20-2017. Luminaries – Part 2-20: Particular requirements for safety – Lighting chains. The Association, Japan, 2017. Acc. No. 809550

JAPANESE STANDARDS ASSOCIATION (Japan). JIS C 8105-2-21-2017. Luminaries – Part 2-21: Particular requirements for safety – Rope lights. The Association, Japan, 2017. Acc. No. 809551

JAPANESE STANDARDS ASSOCIATION (Japan). JIS C 8158-2017. Self-ballasted LED-lamps for general lighting services by voltage > 50 V. The Association, Japan, 2017. Acc. No. 809552

JAPANESE STANDARDS ASSOCIATION (Japan). JIS C 8160-2017. Non-integrated linear LED lamps with GX 16t-5 cap for general lighting services. The Association, Japan, 2017. Acc. No. 809553

JAPANESE STANDARDS ASSOCIATION (Japan). JIS C 9335-2-4-2017. Household and similar electrical appliances – Safety – Part 2-4: Particular requirements for spin extractors. The Association, Japan, 2017. Acc. No. 809554

JAPANESE STANDARDS ASSOCIATION (Japan). JIS C 9335-2-60-2017. Household and similar electrical appliances – Safety – Part 2-60: Particular requirements for whirlpool baths, whirlpool spas and similar appliances. The Association, Japan, 2017. Acc. No. 809555

JAPANESE STANDARDS ASSOCIATION (Japan). JIS C 1923-2017. Textiles – Measurement method of anti-see-through property. The Association, Japan, 2017. Acc. No. 809557

JAPANESE STANDARDS ASSOCIATION (Japan). JIS C 1924-2017. Determination method and evaluation reference of shape stability shirt. The Association, Japan, 2017. Acc. No. 809558

JAPANESE STANDARDS ASSOCIATION (Japan). JIS Q 15001-2017. Personal information protection management systems: Requirements. The Association, Japan, 2017. Acc. No. 809559

JAPANESE STANDARDS ASSOCIATION (Japan). JIS S 6060-2017. Writing and marking instruments – Specification for caps to reduce the risk of asphyxiation. The Association, Japan, 2017. Acc. No. 809560

JAPANESE STANDARDS ASSOCIATION (Japan). JIS Z 3147-2017. High-speed rotating bar bending fatigue testing of aluminium alloys and magnesium alloys. The Association, Japan, 2017. Acc. No. 809561

JAPANESE STANDARDS ASSOCIATION (Japan). JIS Z 7201-2017. Management of chemicals in products – Principles and guidelines. The Association, Japan, 2017. Acc. No. 809563

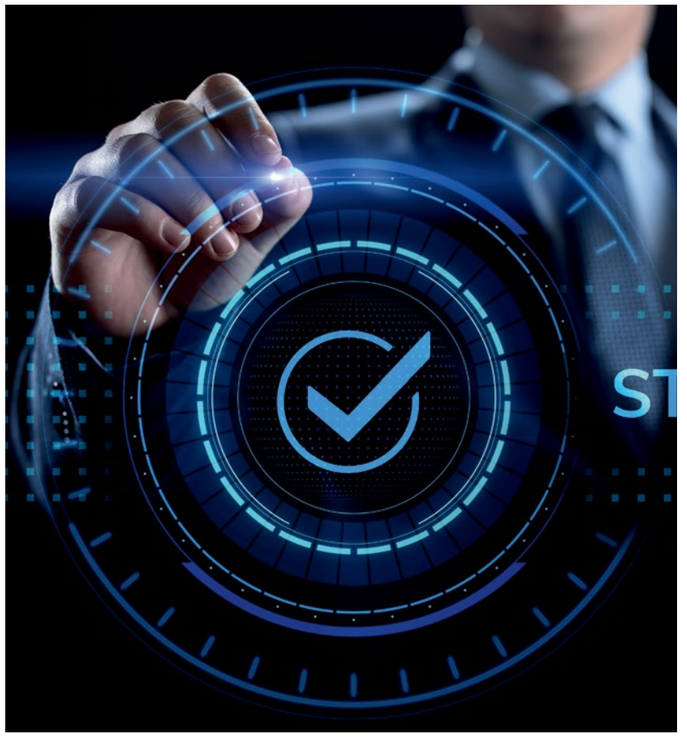
JAPANESE STANDARDS ASSOCIATION (Japan). JIS Z 8150-2017. Child safety: General principles for design and development. The Association, Japan, 2017. Acc. No. 809564

NEWS THAT MATTERS

INDUSTRY 4.0

INDIA GIVES INDUSTRY 4.0 STANDARDIZATION A PUSH

In September 2019, the Bureau of Indian Standards (BIS) established a new technical committee dedicated to standardization for smart manufacturing, or Industry 4.0. The new committee is part of the Electronics and Information Technology Department (LTD) of BIS and mirrors the Systems Committee (SyC) on smart manufacturing at the International Electrotechnical Commission (IEC). Standards are a crucial aspect of Industry 4.0 given the complex demands of connected smart devices being compatible, secure, and safe. Germany and India collaborate on internationally harmonized and effective standards for Industry 4.0 within the Indo-German Working Group on Quality Infrastructure, between the German Federal Ministry for Economic Affairs and Energy, and the Indian Ministry for Consumer Affairs, Food & Public Distribution. As part of their cooperation, India and Germany exchanged information on topics such as Reference Architecture Models for Industry 4.0 (RAMI 4.0) which provides a framework for orientation and guidance in identifying standardization needs for Industry 4.0.



INDO-GERMAN FORUM

INDIA, GERMANY DISCUSS PRIORITIES IN STANDARDIZATION

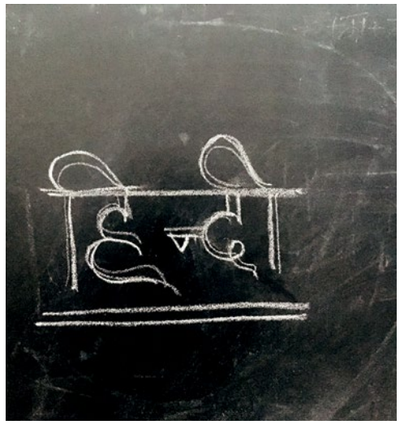
The first Indo-German Standardization Forum took place in New Delhi on July 12, 2019. More than 60 representatives from government and industry as well as standardization experts discussed India's and Germany's approaches and priorities in standardization. India and Germany highly value their long-standing cooperation on standardization topics of interest to the industry. This was underlined by Gerhild Roth from the German Federal Ministry for Economic Affairs and Energy, Anil Bahuguna from the Indian Department for Consumer Affairs, as well as experts from the Bureau of Indian Standards (BIS), the German Institute for Standardization (DIN) and the German Commission for Electrical, Electronic & Information Technologies of DIN and VDE (DKE). The forum underlined the commitment to deepen the collaboration on standards for new technologies.

THE DIGITAL CONNECT

IMPORTANCE OF STANDARDS IN INDIA'S DIGITAL FUTURE

OneM2M, the global IoT standards initiative, hosted its sixth Industry Day in one of the country's foremost centres for technical innovation and output. Government representatives, industry leaders and IoT innovators gathered at oneM2M's Industry Day, that took place in Hyderabad, India, on September 25, 2019, to highlight the critical role standards would play in enabling mass adoption of the IoT across Asia. Hosted by Telecommunications Standards Development Society, India (TSDSI), the Industry Day featured eminent speakers, panel discussions and demonstrations, focusing on IoT standardization in key areas including smart cities and transport, as well as major industries such as health, safety, and agriculture.

भोपाल शाखा कार्यालय
भोपाल में परंपरागत रूप से हिंदी पखवाड़े का आयोजन



भारतीय मानक ब्यूरो, भोपाल शाखा कार्यालय में सितंबर 6 से 20, 2019 तक हिंदी पखवाड़े का आयोजन किया गया। श्रीमती प्रीति भटनागर, वैज्ञानिक एवं प्रमुख ने परंपरागत रूप से पखवाड़े का उद्घाटन किया एवं समस्त अधिकारियों एवं कर्मचारियों को हिंदी भाषा में कार्य करने के लिए प्रेरित किया। पखवाड़े के दौरान हिंदी निबंध श्रुतलेख एवं स्लोगन प्रतियोगिताएं आयोजित की गई जिसमें समस्त अधिकारी एवं कर्मचारियों ने उत्साहपूर्वक भाग लिया। प्रतिभागियों को समापन अवसर पर पुरस्कृत किया गया। सितंबर 16, 2019 को हिंदी कार्यशाला का भी आयोजन किया गया। इस कार्यशाला में श्री सैयद अहमद, अनुभाग अधिकारी ने हिंदी भाषा में हॉलमार्क योजना के बारे में विस्तृत जानकारी प्रदान की एवं कार्यालय में हिंदी में कार्य करने संबंधी प्रश्नों का समाधान किया। सभी अधिकारियों एवं कर्मचारियों को हिंदी में अधिकाधिक काम करने हेतु आह्वान किया। उन्होंने कहा कि हिंदी में कार्य करने पर अपनापन का एहसास होता है। अंत में धन्यवाद ज्ञापन देकर हिंदी पखवाड़े का समापन किया गया।

पटना शाखा कार्यालय
पटना में हिंदी भाषा के प्रचार पर ज़ोर

पटना शाखा कार्यालय एवं प्रयोगशाला में हिंदी पखवाड़ा दिनांक 2 सितंबर 2019 से 16 सितंबर 2019 तक मनाया गया। हिंदी पखवाड़े का विधिवत उद्घाटन वैज्ञानिक एवं प्रमुख श्री एम के प्रमाणिक द्वारा किया गया। सभी कर्मचारियों एवं अधिकारियों ने पखवाड़े के दौरान आयोजित होने वाली प्रतियोगिताओं में बढ़–चढ़कर हिस्सा लिया। सभी कर्मचारियों को यह सुनिश्चित करने को कहा गया कि टिप्पणी आदि हिंदी में ही करें। पखवाड़े के समापन समारोह के अतिथि श्री वीरेंद्र कुमार यादव एवं जगदंबे प्रसाद यादव, प्रदेश संयोजक, संसदीय राजभाषा समिति, हिंदी सलाहकार समिति एवं विश्व हिंदी सम्मेलन समिति, विदेश मंत्रालय थे। शाखा प्रमुख ने सभी विजेताओं को शुभकामनाएं देते हुए पुरस्कार वितरण किया।

कोयंबतूर शाखा कार्यालय
कोयंबतूर में हिंदी के प्रति जागरूकता पैदा की गई

भारतीय मानक ब्यूरो के कोयंबतूर शाखा कार्यालय में सितंबर 11 से 14, 2019 तक हिंदी पखवाड़ा मनाया गया। हिंदी पखवाड़े के उद्घाटन समारोह में शाखा प्रमुख श्रीमती मीनाक्षी गणेशन वैज्ञानिक ई ने सभी अधिकारियों एवं कर्मचारियों को भारत सरकार की राजभाषा नीति के कार्यान्वयन तथा सरकारी कार्यालय में राजभाषा के रूप में हिंदी के प्रति जागरूकता पैदा करने एवं उसके उपयोग में निरंतर वृद्धि करने के लिए प्रेरित किया। उन्होंने हिंदी में कार्य करने से होने वाले लाभों से सभी को परिचित कराया। उन्होंने सभी को सूचित किया कि कार्यालय में कामकाज में हिंदी प्रयोग होनी चाहिए। शाखा प्रमुख ने नराकास कोयंबतूर द्वारा कार्यालय को नराकास में श्रेष्ठ कार्य निष्पादन हेतु दोबारा द्वितीय पुरस्कार मिलने पर बधाई दी एवं सभी से हिंदी में कार्य करने का निवेदन किया। हिंदी पखवाड़े के दौरान कार्यालय में बहुविकल्पीय प्रश्नोत्तरी, अनुवाद एवं प्रचार वाक्य प्रतियोगिताओं का आयोजन किया गया जिसमें सभी अधिकारियों एवं कर्मचारियों ने उत्साहपूर्वक भाग लिया।

Registered with the Registrar of Newspapers
for India with Regd. No. R.N 45929/87

Bureau of Indian Standards

Synonym for

Quality · Safety · Reliability

Always buy with

IS : ....
CM/L-.....

Marked Products

BUREAU OF INDIAN STANDARDS
Manak Bhavan, 9, Bahadur Shah Zafar Marg, New Delhi - 110002
Website : **www.bis.gov.in**