

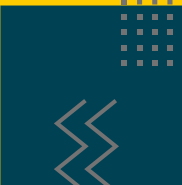
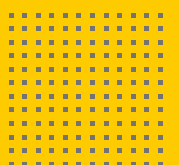
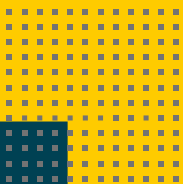
Report on National Campaign on

“Electrical Safety at Residential, Commercial & Public Buildings”

[Hyderabad, Mumbai, **Chennai**, Kochi, Kolkata and Delhi]



12th October 2022 | Chennai – Vestin Park Hotel



Our 3rd Technical cum interactive session on Electrical Safety at Residential, Commercial & Public Buildings was officially held in **Chennai** on **12th October 2022**, organized by the International Copper Association India in association with **Bureau of Indian Standards(BIS)** and supported by **Builders Association of India - Southern Centre (BAI)** & our program partners **Panasonic, Finolex, RR Kabel, V-Guard and KEI**.

The overall **objective** of the program was to accelerate Electrical Safety amongst key constituents of building industry and industry stakeholders with compliance of the Indian standards, regulations & codes through this nationwide campaign.

The national campaign brought together professionals associated with state electrical safety implementation bodies under one roof. Interactive session between policy makers, law enforcing agencies and designers, installers, end users of electricity in buildings were hallmark of this campaign.

The program was structured as a deliberative exercise amongst experts, supplementing attendees from electrical fraternity to enhance their knowledge on key provisions in Indian standards, regulations & codes. Good practices, that can be immediately adopted for use by various interest concerned, are shared. Indian Standard is expected to serve as a model for adoption in the interest of safety and sustainability. The intent was to keep our electrical installation practices at par with best practices in the world.





Total Attendance

110+



Audience Profile

- Electrical Engineers of all key government depts. like
 - Fire Dept.
 - Metro Rail
- Electrical Consultants
- A Grade Electrical Contractors
- Developers & Builders (Electrical Engineers)
- Other Industry Stakeholders

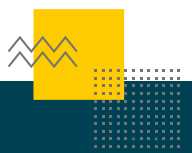


Dignitaries

- Shri. Amol Kalsekar, Chief Manager, International Copper Association India (ICA India)
- Shri. R R Shridhar, Chairman, Builders Association of India Southern Center (BAI)
- Tmt. N. Priya Ravichandran, Joint Director, Tamil Nadu Fire and Rescue Service (TNFRS)

Launched of technical book

1. Buyer's Guide for Transformers

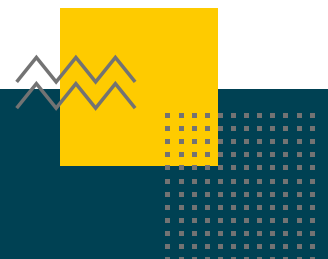




Thematic focus

The session revisited issues related to electrical safety and standards implementation in different parts of the country. The key area about the discussion was to focus upon the electrical safety, reliability, and sustainability aspects to be followed during electrical installations in buildings and its maintenance in accordance with latest standards, codes & regulations. Which further categorized into three segments by our esteemed speakers as mentioned below:

Topic	Speaker
Role of Wires & Cable and Transformers in mitigating the issues – Safety, Energy Efficiency, Reliability and Sustainability	Shri. Harold Dsouza , Regional Commercial Manager – BASEC & Shri. Rajaram Shinde , Expert Advisor – BIS (ETD 03 & 16)
Role of Standardisation & Periodic Inspections for Achieving Electrical Safety in High-Risk Buildings	Shri. Hemant Sali , Ex. Electrical Inspector, Maharashtra
Lightning Protection & Earthing in buildings as per IEC 62305 & NBC 2016	Dr. K Janakiraman , Head – Technical, OBO Bettermann



Photographs



Shri. R R Shridhar



Shri. Amol Kalsekar



Tmt. N. Priya Ravichandran

Photographs



The launch of **Buyer's Guide for Transformer** handbook



Technical Session



Shri. Harold Dsouza,
Regional Commercial
Manager – BASEC

Topic: Role of Wires & Cable in mitigating the issues – Safety, Energy Efficiency, Reliability and Sustainability

Shri. Rajaram Shinde,
Expert Advisor
BIS (ETD 03 & 16)

Topic: Role of Transformers in mitigating the issues – Safety, Energy Efficiency, Reliability and Sustainability



Shri. Hemant Sali,
Ex. Electrical Inspector
Maharashtra

Topic: Role of Standardisation & Periodic Inspections for Achieving Electrical Safety in High-Risk Buildings



Dr. K Janakiraman,
Head – Technical
OBO Bettermann

Topic: Lightning Protection & Earthing in buildings as per IEC 62305 & NBC 2016



News Today

'Good quality cable to prevent fire should be used'

[NT Bureau]
Chennai, Oct 15:

India needs to advocate the importance of fire-retardant materials and good quality cables said, N Priya Ravichandran, Joint Director, Tamil Nadu Fire and Rescue Service (TNFRS) at a session on 'Electrical Safety at Residential, Commercial and Public Buildings' hosted by International Copper Association (ICA) India.

"We, as a community, need to advocate the importance of fire-retardant materials and good

quality cables. This technical session is an eye opener for all the stakeholders and to reiterate the importance of safety & quality vis-à-vis cost," she said.

"With India joining the league of fastest developing nations globally, the real



estate sector has witnessed a rising demand. Last year around 40 million square feet were delivered in the country, and it is expected to deliver 46 million square feet this year. It is estimated that the country will have a 40% market share in the next 2-3 years. While these figures indicate that India is headed towards a commendable growth, the lack of adherence to electrical safety codes have marred this expansion. These limitations not only result in energy loss but

have also caused 56% of all fateful electrical accidents," said Amol Kalsekar, Chief Manager, International Copper Association.

The session, third in the series, was held in association with Bureau of Indian Standard (BIS)

and supported by Builders Association of India - Southern Centre (BAI).

The keynote address in the session was presented by Shridhar followed by the guest of honor's address by Ravichandran.



Media Coverage

Dinakural

Virtual Times



மின் பாதுகாப்புக் குறியீடுகளால் இந்திய ரியல் எஸ்டேட் துறை கடுமையான பாதிப்பு

சென்னை, அக், 16: தீயணைப்பு பொருள்கள் மற்றும் தரமான வடங்களின் முக்கியத்துவத்தை இந்தியா வரலாற்றுத்த வேண்டியது அவசியமென தமிழ்நாடு தீயணைப்பு மற்றும் மீட்டிங் பணிகள் (டிஎன்எஃப்.பி.ஆர்.எஸ்) துறை இணை இயக்குனர் பிரியா இராமச்சந்திரன் நடைபெற்ற 'குடியிருப்புகள், வணிக வளாகங்கள் மற்றும் பொதுக் கட்டிடங்களில் மின் பாதுகாப்பு' என்ற தலைப்பில் சர்வதேச செம்பு சங்கத்தின் அமர்வில் தெரிவித்தார்.

அவர் மேலும் தொடர்கையில் 'ஒரு சமூகமாகத் தீயணைப்புப் பொருள் மற்றும் தரமான வடங்களின் முக்கியத்துவத்தை நாம் வரலாற்றுத்துவது அவசியமாகும். இந்தத் தொழில்நுட்ப அமர்வு மூலம் சம்மந்தப்பட்ட அனைவரும் உண்மையைத் தெரிந்து கொள்வதன், விலை, பாதுகாப்பு மற்றும் தரத்தின் முக்கியத்துவத்தை வரலாற்றுத்தவும் வேண்டும்' என்றார்.

மாநில முதன்மை மின் ஆய்வகம், பொதுப்பணித் துறை, மாநில மின் வாரியம், மெட்ரோ ரயில் துறை, விட்டு வசதி & நகர மேம்பாட்டுத் துறை (ஹெச்.டி.டி), நகராட்சி ஆணையர்கள், விநியோக நிறுவனங்கள், தீயணைப்புத் துறை, மின் ஆலோசகர்கள், ஏ-கிரேட் மின் ஒப்பந்தக்காரர்கள், கட்டுரைகள், கட்டிட வடிவமைப்பாளர்கள் உட்பட அனைத்து அரசுத் துறைகளின் மின் பொறியாளர்களும், தொழிற்துறை தொடர்புள்ளவர்களும் நிகழ்ச்சியில் பங்கேற்றனர்.

ஐசிஏ-இன் 4ஆவது அமர்வு 2022 அக்டோபர் 19இல் கொச்சியில் நடைபெறும். முதலிரண்டு அமர்வுகள் ஐதராபாத் மற்றும் மும்பையில் முறையே நடைபெற்றன.

Lack of adherence to electrical safety codes impacting India's real estate sector adversely

Chennai, Oct 15: India needs to advocate the importance of fire-retardant materials and good quality cables said, Ms.N Priya Ravichandran, Joint Director, Tamil Nadu Fire and Rescue Service (TNFRS) at a session on 'Electrical Safety at Residential, Commercial and Public Buildings' hosted by International Copper Association (ICA) India.



"We, as a community, need to advocate the importance of fire-retardant materials and good quality cables. This technical session is an eye opener for all the stakeholders and to reiterate the importance of safety & quality vis-à-vis cost," she said.

"With India joining the league of fastest developing nations globally, the real estate sector has witnessed a rising demand. Last year around 40 million square feet were delivered in the country, and it is expected to deliver 46 million square feet this year. It is estimated that the country will have a 40% market share in the next 2-3 years. While these figures indicate that India is headed towards a commendable growth, the lack of adherence to electrical safety codes have marred this expansion. These limitations not only result in energy loss but have also caused 56% of all fatal electrical accidents," said Mr. Amol Kalsekar, Chief Manager, International Copper Association.

The session, third in the series, was held in association with Bureau of Indian Standard (BIS) and supported by Builders Association of India - Southern Centre (BAI). It aimed to address issues such as the importance of electrical safety, reliability, and sustainability aspects to be followed during electrical installations in buildings and the maintenance in accordance with latest standards, codes & regulations.

Media Coverage

Trinity Mirror

ICA hosts conference on electrical safety

Chennai, Oct 13: India needs to advocate the importance of fire-retardant materials and good quality cables said, Ms. N Priya Ravichandran, Joint Director, Tamil Nadu Fire and Rescue Service (TNFRS) at a session on 'Electrical Safety at Residential, Commercial and Public Buildings' hosted by International Copper Association (ICA) India yesterday.

"We, as a community, need to advocate the importance of fire-retardant materials and good quality cables. This technical session is an eye opener for all the stakeholders and to reiterate the importance of safety & quality vis-à-vis cost," she said. "With India joining the league of fastest developing nations globally, the real estate sector has witnessed a

rising demand. Last year around 40 million square feet were delivered in the country, and it is expected to deliver 46 million square feet this year. It is estimated that the country will have a 40% market share in the next 2-3 years. While these figures indicate that India is headed towards a commendable growth, the lack of adherence to

electrical safety codes have marred this expansion. These limitations not only result in energy loss but have also caused 56% of all fatal electrical accidents," said Mr. Amol Kalsekar, Chief Manager, International Copper Association. The event was also attended by electrical engineers of all key government departments.

PUBLIC NOTICE

Southern Mail

Lack of adherence to electrical safety codes impacting India's real estate sector adversely



Chennai: India needs to advocate the importance of fire-retardant materials and good quality cables said, Ms. N Priya Ravichandran, Joint Director, Tamil Nadu Fire and Rescue Service (TNFRS) at a session on 'Electrical Safety at Residential, Commercial and Public Buildings' hosted by International Copper Association (ICA) India. "We, as a community, need to advocate the importance of fire-retardant materials and good quality cables. This technical session is an eye opener for all the stakeholders and to reiterate the importance of safety & quality vis-à-vis cost," she said.

Andhra Jyothi

నాణ్యమైన కేబుళ్లనే వినియోగించండి
టీఎన్ఎఫ్ఆర్ఎస్ జాయింట్ డైరెక్టర్

మాట్లాడుతున్న ఎన్.ప్రియా రవిచంద్రన్

చెన్నై, అక్టోబరు 14 (ఆంధ్రజ్యోతి): ప్రజల భద్రత రీత్యా నాణ్యమైన విద్యుత్ కేబుళ్లనే వినియోగించాలని, దీనిపై ప్రతి ఒక్కరూ అవగాహన పెంపొందించుకోవాలని తమిళ నాడు ఫైర్ అండ్ రెస్క్యూ సర్వీస్ (టీఎన్ఎఫ్ఆర్ఎస్) జాయింట్ డైరెక్టర్ ఎన్.ప్రియా రవిచంద్రన్ పిలుపునిచ్చారు. ఇంటర్నేషనల్ కాపర్ అసోసియేషన్ (ఐసీఏ) ఆధ్వర్యంలో 'ఎలక్ట్రికల్ సేఫ్టీ ఎట్ రెసిడెన్షియల్, కమర్షియల్ అండ్ పబ్లిక్ బిల్డింగ్స్' అనే అంశం జరిగిన సదస్సుకు ముఖ్య అతిథిగా హాజరైన ప్రియా రవిచంద్రన్ మాట్లాడుతూ.. భారతీయులు అగ్నినిరోధక పదార్థాలు, నాణ్యమైన కేబుల్స్ కే ప్రాముఖ్యత ఇవ్వాలని అవసరముందన్నారు. ఈ కార్యక్రమంలో ఐసీఏ చీఫ్ మేనేజర్ అమల్ కలోశేకర్, బిల్టర్స్ అసోసియేషన్ ఆఫ్ ఇండియా చైర్మన్ ఆర్. శ్రీధర్ తదితరులు కూడా హాజరై ప్రసంగించారు.

Media Coverage

Rajasthan Patrika

Afternoon

विद्युत सुरक्षा पर एक सत्र का आयोजन

चेन्नई@ पत्रिका. भारत को अग्निरोधी सामग्री और अच्छी गुणवत्ता वाले केबलों के महत्व की वकालत करने की आवश्यकता है। एन प्रिया रविचंद्रन, संयुक्त निदेशक, तमिलनाडु अग्निशमन और बचाव सेवा ने आवासीय, वाणिज्यिक और सार्वजनिक भवनों में विद्युत सुरक्षा पर एक सत्र में यह कहा। सत्र का आयोजन इंटरनेशनल कॉपर एसोसिएशन (आईसीए) इंडिया द्वारा किया गया। उन्होंने कहा हमें एक समुदाय के रूप में अग्निरोधी सामग्री और अच्छी गुणवत्ता वाले केबलों के महत्व की वकालत करने की आवश्यकता है। यह तकनीकी सत्र सभी हितधारकों के लिए आंखें खोलने वाला है और लागत की तुलना में सुरक्षा और गुणवत्ता के महत्व को दोहराता है।

Lack of adherence to electrical safety codes impacting India's real estate sector adversely

CHENNAI OCT 15

India needs to advocate the importance of fire-retardant materials and good quality cables said, Ms. N Priya Ravichandran, Joint Director, Tamil Nadu Fire and Rescue Service (TNFRS) at a session on 'Electrical Safety at Residential, Commercial and Public Buildings' hosted by International Copper Association (ICA) India. "We, as a community, need to

have marred this expansion. These limitations not only result in energy loss but have also caused 56% of all fateful electrical accidents," said Mr. Amol Kalsekar, Chief Manager, International Copper Association.

Addressing the participants, Mr. R R Shridhar, Chairman, Builders Association of India (BAI) said, "This is just the beginning towards the larger



advocate the importance of fire-retardant materials and good quality cables," she said.

"With India joining the league of fastest developing nations globally, the real estate sector has witnessed a rising demand. While these figures indicate that India is headed towards a commendable growth, the lack of adherence to electrical safety codes

goal of 'Zero Tolerance' for the otherwise neglected safety standards in the country." The session, was held in association with Bureau of Indian Standard (BIS) and supported by Builders Association of India - Southern Centre (BAI) and was aimed to address issues such as the importance of electrical safety and reliability.

Links

Express News Asia - <https://expressnews.asia/lack-of-adherence-to-electrical-safety-codesimpacting-indias-real-estate-sector-adversely/>

DT News TV - <https://dtnewstv.com/lack-of-adherence-to-electrical-safety-codes-impacting-indias-real-estate-sector-adversely/>

Chennai Updates - <http://chennaiupdates.com/lack-of-adherence-to-electrical-safety-codes-impacting-indias-real-estate-sector-adversely/>

Deccan News - <http://deccannews.co.in/lack-of-adherence-to-electrical-safety-codes-impacting-indias-real-estate-sector-adversely/>

Chennai Glitz - <https://chennaiglitz.com/lack-of-adherence-to-electrical-safety-codes-impacting-indias-real-estate-sector-adversely/>

International Copper Association India (ICA India)

ICA India a not for profit and non—commercial organization is member of Copper Alliance and Indian Centre of International Copper Association. ICA India conducts various programs in interest of Electrical Safety, Energy Efficiency and Sustainability, employing a mix of market development and advocacy to encourage proper and beneficial use of copper in the power sector. ICA India drives its initiatives through seminars, workshops & training programs across India in collaboration with different industry stakeholders and like-minded organizations. With dedicated panel of experts and senior professionals, ICA India conducts nearly 250 seminars/workshops annually on "Safe Electrical Installation Practices"

Bureau of Indian Standards (BIS)

Indian Standards reflect the national consensus and distilled wisdom of various stakeholders (industry, academic institutions, labs, government bodies etc). It provides benefits to the national economy by providing safe and reliable quality goods. They help in ensuring the safety and efficiency of devices, systems or services for people and the environment.

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Program Partners



Unit 1401-03, Wing A, Kailas Business Park,
Veer Savarkar Marg, Parksite Colony, Vikhroli West,
Mumbai, Maharashtra 40007912

Phone: +91 22 49791393/4/6

Email: info.india@copperalliance.org

Website: www.copperindia.org | www.copperalliance.org