



ICDC Meet Deliberates on usage of Copper

India has tremendous growth potential in the usage of copper said Arun Kumar Shukla, Director (Operations), Hindustan Copper Ltd. while delivering his inaugural address during “ICDC Copper Conference 2019” organized by Indian Copper Development Centre (ICDC) in Mumbai on February 20, 2019.

He also mentioned about the indispensability of copper in various applications and future plan of Hindustan Copper Ltd. for increase in production capacity.

U. K. Jatia, Managing Director, Indoswe Engineers Pvt. Ltd., Pune, welcomed the participants and D. K. Jain, Managing Director, Agrawal Metal Works Pvt. Ltd., Rewari, also addressed the participants. Both of them highlighted the commendable role played by ICDC for the last 53 years

towards development of Indian copper and copper alloy industry.

Both Jatia and Jain being Members of the Board of Management of ICDC and associated with the Centre for more than four decades, requested the participants of the Conference to support ICDC for the benefit of the copper based industry in the country. The inaugural session concluded with Vote of Thanks proposed by Dr. D. De Sarkar, Chief Executive Officer, ICDC.

The Plenary Session was conducted by U. K. Jatia. During this session, the status of the Indian copper industry – right from primary producers to downstream industries, was covered by senior representatives of these industries.

The following presentations were made:

- **“Status of Copper Mining in India”**

by Arun Kumar Shukla, Director (Operations), Hindustan Copper Ltd.

- **“Aspects Influencing Indian Copper Industry”**

by P. Anilkumar, Chief Marketing Officer, Hindalco Industries Ltd. (Unit : Birla Copper)

- **“Basic of Copper Refinery & Rod Mill and Their Influence on Down Stream Industry”**

by I. Rajasekhar, Head – CCR Plant, Vedanta Ltd. (Unit : Sterlite Copper)

- **“Status of Copper Conductor Manufacture in India”**

by Shreegopal Kabra, Managing Director, RR Kabel Ltd. and Member, Board of Management - ICDC

- **“An Overview of Indian Copper Flat Rolled Industry”**

by D. K. Jain, Managing Director, Agrawal Metal Works Pvt. Ltd. and Member, Board of Management - ICDC

- **“Copper Based Extrusion Industry in India – An Overview”**

by Mukesh Mehta, Director, Mehta Tubes Ltd.

During this one day conference there were two very interesting Technical Sessions.

In the First Technical Session which was chaired by Dr. P. Sriram, Chairman, Rapsri Engineering Products Co. Ltd., the following presentations were made:

- **“Challenges & Opportunities Across the Global Copper Value Chain : What Role for India in 2020-30 ?”**



Event Report

by Carlos Risopatron,
International Copper Study
Group, Portugal

- **“Copper Market Outlook with a Focus on Asian Demand”**

by Ms. Yanting Zhou,
Wood Mackenzie Metal
Market (China) Co. Ltd., China

The Second Technical
Session was chaired by Dr.
D. De Sarkar and the following
presentations were made:

- **“Recycling of Copper and Copper Alloys”**

by Lakhubhai Unadkat,
Goldstar Metals Ltd., Mumbai

- **“Copper Tube Production Plants from SMS Group”**

by Thomas Schatz, SMS
Group, Germany

- **“Quality Tools – OES for Improving Quality and Generating Profits in Copper Industries”**

by P. D. Pant, Metal Power
Analytical (I) Pvt. Ltd., Mumbai

- **“The Importance of Lubrication for Copper Drawing”**

by Partha Pratim Seal,
Carl Bechem Lubricants
India Pvt. Ltd., Bangalore

- **“Waste Water & Acid Handling and Zero Liquid Discharge for Pickling Lines”**

by Abhay Nafdey, Nagpur
Pollution Control Co. Pvt.
Ltd., Nagpur

The Plenary Session as
well as the two Technical
Sessions evoked a lot of
interest among the
participants who raised
various questions which were
answered by the speakers.

Participants represented
primary copper producers,
downstream product
manufacturers, research

organizations, equipment
manufacturers, raw material
suppliers, associations, market
study organisations, etc.

ICDC also conducted a
Seminar on “Copper Based
Components in Switchgear
Industry” in Mumbai on
February 21, 2019.

Neelam Bhogal, General
Manager, SCR (Engg. & MM)
Division, BHEL, Bhopal, in
her inaugural address said
that with the advent of
globalization, the industry is
facing lot of challenges. So
delivering reliable and good
quality product in a healthy
competitive market is of
utmost importance.

Dr. P. Sriram, Chairman,
Rapsri Engineering Products
Co. Ltd., Ramnagar,
Karnataka, delivered his
Keynote Address on “Copper
Materials in Switchgear
(Safety, Reliability and
Flexibility in an Electrical
System)”. He discussed
about the various copper
based products and their
properties for usage in the
switchgear industry.

During the two Technical
Sessions, the following
presentations were made :

- **“Copper – Nervous System of Switchgear”**

by V. Ramesh, ABB Ltd.,
Nashik

- **“Copper Based Components in BHEL Switchgears”**

by Arun Dewangan,
BHEL, Bhopal

- “Trends in Usage of
Cu & Cu Alloy Contacts in
Switchgear”

The advent of globalization, the industry is facing lot of challenges. So delivering reliable and good quality product in a healthy competitive market is of utmost importance.

by Rupesh Malunekar, CG
Power and Industrial
Solutions Ltd., Nashik

- **“Copper Based Components in Switchgear Industry”**

by Rajeev A. Solanki &
Sushil Kumar Jena, Larsen &
Toubro Ltd., Mumbai

- **“SE Spend Overview and Expectation”**

by HemangMevada,
Schneider Electric, Vadodara

- **“Tungsten Copper as Electrical Contact Material”**

by Sumit Dhody, Mipalloy,
Sriperumbudur, Tamilnadu

- **“Copper, Brass & Phosphor Bronze Foils, Sheets and Strips for Electrical Switchgears”**

by Umang Jain & Deepak
Sanghi, Agrawal Metal
Works Pvt. Ltd., Rewari

- **“Presentation on Smart Security Systems”**

by AayushAgarwal, 2020
Imaging, Thane

The two technical sessions
were chaired by Anil Kapoor,
Technical Service Cell, Hindalco
Industries Ltd. (Unit : Birla
Copper), Dahej and Dr. D. De
Sarkar, Chief Executive Officer,
ICDC, respectively. The
discussion sessions were
extremely lively when the authors
answered various questions
raised by the audience.

The seminar was attended
by more than 60 participants.
They included representatives
from switchgear equipment
manufacturers; conductor
manufacturers; contact
manufacturers; extruded,
rolled & cast product
manufacturers; primary
copper producers; equipment
manufacturers, etc. ■