

Conference On Recycling of Aluminium for Alloy Manufacturing & Extrusion Billet Casting

8-9 (Thu-Fri) July 2021
Virtual Conference

Time: 10.00 a.m. to 01.00 p.m. & 02.00 to 05.00 p.m.



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Appeal

Aluminium with its versatility has already established itself as one of the most important metal of 21st century. As the use of aluminium is increasing in automotive, building & construction, packaging and various other applications, one major characteristic that is “Recyclability” is becoming more and more important. Aluminium Recycling is cost effective and contributes significantly to reduce carbon footprint. It’s also estimated that about 75% of all the aluminium produced so far is still in service today.

So, use of recycled aluminium has become an inherent part of aluminium business. The important challenge however, is the ability to produce good, acceptable quality material from recycled scrap - be it alloys for producing castings to increasingly stringent quality specifications or billets made for aluminium extrusions requiring close control on chemical compositions, mechanical properties, cleanliness, anodising quality and high surface finish.

This calls for upgradation of plants, knowledge of various types of scrap, processing practices, metallurgy , metal treatment and quality assessment of alloy ingots and extrusion billets.

The two days conference is designed keeping in view the requirements of manufacturers and users of alloys and billets for producing quality castings and aluminium extrusions. Various topics related to scrap identification, segregation, processing and melting; the furnace and refractory technologies, metal treatment, effect of alloying elements, billet casting technology and quality assessment etc. will be discussed by experts in their presentations.

We believe that with these expert presentations, the conference will prove to be beneficial to the participants.

We therefore, look forward to meet you virtually on 8-9 July 2021

Anand Joshi
Convenor

Technical Papers

Keynote by Chief Guest

- **Overview of the Aluminium Recycling and Alloy Manufacturing**
Dr. Anupam Agnihotri, Director, JAWAHARLAL NEHRU ALUMINIUM RESEARCH DEVELOPMENT AND DESIGN CENTRE (JNARDC)

Guest of Honour

- **Overview of the Scrap Market Recycling and Environmental Aspects**
Sanjay Mehta, President, MATERIAL RECYCLING ASSOCIATION OF INDIA

Speakers

- **Scrap Identification, Segregation and Processing / Alloy Ingot Manufacturing & Metallurgy**
Srinivas Rao, Consultant
- **Scrap Standardisation Keeping View - India**
* Vikram Jhunjhunwala, Director, CENTURY NF CASTINGS
- **Furnaces / Billets Casting Metal Preparation / Effect of Alloying Elements Homogenising / Metallurgical aspects of Billets**
Sunil Atrawalkar, Aluminium Remelt & Rolling Metallurgist,
- **Selecting The Right Refractory For The Furnaces & Ladles**
Gulab Patel, Sales Manager – Aluminium, ALLIED REFRACTORY PRODUCTS INDIA PVT. LTD.
- **Digitisation of Aluminium smelting Process**
Bhushan Bhatt, Director, AUTO DESIGN ONLINE
- **Chips and UBC Treatment Technology**
Dhananjay Navangul, Managing Director, DHANAPRAKASH INDUSTRIAL CORP.
- **Savings & Efficiency Improvement Through Fluxing Techniques**
Shrikant A. Bhat, Head Non-Ferrous Foundry, FOSECO INDIA LIMITED
- **Furnace Design**
Girish S. Vispute, Head-Development, FURNTECK ENGINEERS PVT. LTD.
- **Mechanical Stirring**
Santosh V. Kulkarni, Head Business Development Foundry, PYROTEK INDIA P.LTD.
- **Billet Casting Technology for Forging Industry / Special Alloys Applications (Defence/Railway)**
N. S. Parulekar, Marketing Consultant, SOHAM SOURCING

*** Yet to confirm
....Few more**

Who Can Participate?

- A Owners/Service Executives/Managers/Engineers/Section Heads from
 - o Extrusion Plants
 - o Aluminium Foundries
 - o Alloy Manufacturing Companies
 - o Anodising Plants

- B Equipment Suppliers for
 - o Melting/ Homogenising
 - o Billet Casting
 - o Ingot Casting
 - o Dross Processing
 - o Material Testing

- C Consumable Suppliers for
 - o Foundry Chemicals
 - o Refractories

- D Scrap / Metals Suppliers.
- E. R & D. Organisations

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