

Indian Institute of Metals - CII joint Training Course

On

“Secondary Steel Making Processes and Practices to Manufacture High Quality Steel”

Online Class Room: on 19, 20, 21, 22, 23 January 2021, 0930 – 1330 hrs each day



Background:

Steel industry has always been at the forefront of industrial development and forms the backbone of Indian economy. The sector contributes slightly more than 2% to the GDP of the country. Crucial for growth of economy of our country, the demand for steel in India has been increasing in many sectors including architecture, construction, automobiles, railways, transportation, nuclear projects, consumer durables, and other industrial applications, etc. **Many of the steel application also demand for high quality steels as per the prescribed standards set by National/International Institutions.** Countries also take regulatory measures, keeping in view various reasons, including health, safety, environmental protection, etc and ensuring mandatory standards are followed while selecting steel for various applications. Hence, it becomes imperative to ensure India produces high quality steel. And since Secondary steel accounts for 55 per cent of overall steel industry in India through different technologies, it is important that this is competitive and produces high quality steel.

Against this backdrop, jointly with Indian Institute of Metals, CII is organising a comprehensive **5 day online training course on “Secondary Steel Making Processes and Practices to Manufacture High Quality Steel” from 19 to 23 January 2021 at 0930 – 1330 hrs each day.**

E-Certificate of Participation will be given to participants

Program Content & Schedule

| S No | Day | 0930 – 1130 hrs | 1130 – 1330 hrs |
|------|--------------------------|--|---|
| 1 | Tuesday, 19 January | Lecture 1: Introduction to Secondary steel making; Tapping & Deoxidation Instructor: Dr G Balachandran, JSW Steel Ltd. | Lecture 2: Ladle furnace Slags & Refractories Instructor: Andreas Viertauer, RHI Refractories |
| 2 | Wednesday, 20 January | Lecture 3: Ladle Alloying & Ladle Arc heating Instructor: Mr G Murali, JSW Steel, Salem Works | Lecture 4 : Ladle Stirring & Refining Reactions Instructor: Mr MM Mahatoo, Jamipol |
| 3 | Thursday, 21 January | Lecture 5 : Ladle Vacuum Degassing Instructor: MRS Srinivas, Viraj Profiles | Lecture 6: Ladle Injection Metallurgy Instructor: Mr Satish kumar D, JSW Steels |
| 4 | Friday, 22 January | Lecture 7: Non-Metallic Inclusion in steel making Instructor: G Balachandran | Lecture 8: Ladle VOD /AOD processing Instructor: MRS Srinivas, Viraj Profiles |
| 5 | Saturday, 23 January | Lecture 9: RH Degassing Instructor: Mr Satishkumar D, JSW Steels | Lecture 10: Equipment / Operation Instructor: Lecture from an Equipment supplier |

Registration fees

For Registration please contact

CII & IIM Members: Rs. 5900*, Non-members: Rs. 8850*, Institution (Irregular participants Limit 7 -10): Rs. 23600*, Students: Rs. 590*, (*Fee is inclusive of GST @ 18%), *Advance payment of Registration fee is mandatory, *Participation fee is non-refundable however change in nomination is possible.

***10% Group Discount for three or more participants.**

Payment Details: ICICI Bank Ltd, Address: SCO 145, Sector 28D, Chandigarh 160002, A/C Name: Confederation of Indian Industry, A/C No.096405000413, IFSC No. ICIC0000964, GST no.- 04AAATC0188R2ZG , PAN NO.: AAATC0188R

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CII – Corrosion Management Cell

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