

ALUMINIUM HIGH PRESSURE DIE CASTING Defect Analysis and Remedial Measures

Date: 6th August 2021 (Friday) Timing : 02.00 p.m. to 05.00 p.m.

Contents:

- HPDC Defects classification
- Focus on Non filling/ cold shut, Gas Porosity, Blister and Edge Porosity,
- Focus on Shrinkage porosity, Sink Marks, Leakage, Hot Cracks, Warpage/ Bending, Soldering, Erosion
- Understanding the root cause of these defects
- Action plan @ design to eliminate the root cause
- Action plan @ process to eliminate the root cause

Who Should Attend:

1. HPDC foundry personnel - supervisors, engineers, managers working in Melting & Casting, Post Casting Operations, Quality, Maintenance, Die shop, Design.
2. Casting Buyers
3. New Entrepreneurs / Owners

About Speaker:

Speaker : Mr. Rajesh R Aggarwal, Director, Techsense Engineering Services, Pune.



Mr. Rajesh R Aggarwal has over 31 years of experience in the field of Product and tool design for Aluminum die casting components in automotive and non automotive sector. He is a Mechanical Engineer and has completed his Masters Degree in Industrial Engineering from Kasetsart University, Thailand. He had worked in different capacities with Maharaja Whiteline, Godrej Tooling Division, Packsys Global Bangkok, Sunbeam Auto Ltd. Gurgaon and Endurance Technologies Ltd. Presently he is based in Pune and providing consultancy, training and design services for Die Casting industry through TechSense Engineering Services. He has received the "Best Casting Award" in Alucast 2010 and "NADCA 2011 International Die Casting Design Competition Award" for the Fly Wheel Housing project to convert GDC casting into HPDC thus reducing the part weight by 33%.

Registration Fees (both sessions)

Category	Members	Non-Members
• Individual	Rs. 885.00	Rs. 975.00
• Corporate (3 delegates)	Rs. 2,390.00	Rs. 2,630.00
• Group Booking (Upto 10 delegates)	Rs. 7522.00	Rs. 8287.00

Inclusive of 18% GST

RTGS / NEFT Details

Account Name : Great Diecasting Technology Forum
 Bank Name : UCO Bank
 Branch Name : Deccan Gymkhana Branch
 Account No. : 06870210002889
 IFSC Code : UCBA0000687
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 Type of A/c : Current
 Payment to be made in favor of 'Great Diecasting Technology Forum' payable at Pune.

Please send your registration form and payment details by email.
Webinar link will be sent to you prior one day of the programme.

Great Diecasting Technology Forum'

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**Questions received in advance
will be given priority
as webinar time is limited**