Manufacturing Technology Training
An IMTMA initiative

Defects Analysis and Trouble Shooting in Paint and Powder Coating Applications
Date : 25 to 26 August, 2022
Venue : IMTMA Technology Centre, Pune

INTRODUCTION

The current manufacturing scenario is marked by shortages of raw materials and power, and pressure to reduce costs. One of the most challenging manufacturing processes is painting/powder coating application. Despite moving up to global standards in metalworking and several other areas, painting and powder coating applications remain far behind. In comparison with imported parts and several products painted in India, there is a significant difference in standards.

There is often a lack of expert knowledge on how to analyze and diagnose paint/powder defects, and suppliers are often blamed instead of equipment suppliers for high rejections and rework rates. Hence there is a great need to understand defects in painting/powder coating applications.

Keeping this in mind, IMTMA is conducting a classroom program on **'Defects Analysis and Trouble Shooting in Paint and Powder Coating Applications.'**

FOCUS AREAS

- Paint Film Defects, Root Causes and Remedies
- Basics of Paints / Coatings
- Types & Importance of Pretreatment before Paint / Coatings applications & their types
- Basics of Paint / Coatings Spray Applications, Paint Spray Techniques
- Paint Application Techniques, How to improve the transfer efficiency
- Quality Control / Quality Assurance
- Shelf life, Storage and Safety aspects
- Disposal of paints and media
- How to read the specifications
- Case studies from engineering industries
- Group discussion and presentation

KEY TAKE AWAYS

After undergoing the programme, the participants will be able to –

- Have a stronger ability to do in-depth Root Cause Analysis of the recurring defects
- Understand the correct process sequence and the SOPs involved
- Reduced Rejection rates & Rework in paint shops
- **Note: This interactive workshop encourages participants to bring samples/photos and details about defects physically in order to find possible solutions.**

PARTICIPATION FEE

Rs. 7500/-
+18% GST
IMTMA Members/ Micro Companies/ Individuals/ Educational Institutions / Students/ IMTMA Non Members/ Others

USD 300/-
Overseas Participants

Group Concession : 10% for 3 to 5 and 20% for 6 and more delegates being nominated from the same company

PARTICIPANT PROFILE

This programme will benefit paint-shop engineers and senior technical personnel involved in the functions of Process Planning, Product Application Engineering, Manufacturing, Quality Assurance, etc., and other related areas from Automobile & auto ancillaries, Defence and Railway establishments, General Engineering and other Capital goods manufacturing industries. All users of powder and paint coatings as well as suppliers of painting equipment and materials.

The programme will be highly interactive where participants can raise questions and solicit feedback from the expert faculty.

FACULTY

This programme will be conducted by **Mr. Meghan Manjrekar.**

He is an Industry expert in Surface Coating & Application Technology. Mr. Manjrekar is a Qualified Paint Technologist & has over 30 years of experience in the field. He is a certified International Coating Inspector – SSPC (USA) PCI Level 2. As a Consultant, he has an impressive list of Customers with OEMs & MNCs on his list. He has been in the Training & Education field for the subject for over 10 years & has delivered special courses as well as, in-house courses for industry in India & Abroad.

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REGISTRATION : Prior registration for participation is necessary. Number of participants is limited and will be accepted on 'First Come First Serve' basis. A Certificate of participation will be issued to participants.
Important Information : Participation fee includes, course material, working lunch and tea / coffee. Interested companies are requested to register online by clicking on 'REGISTER' button and by filling up the nomination authority and participant's details in specified form.