

OSD Academy

Coating of fine particles, pellets and tablets

Tuesday, October 22, 2024

- 08:45–09:00 AM **REGISTRATION**
- 09:00–09:30 AM **WELCOME & INTRODUCTION TO PHARMA SERVICE**
- 09:30–10:30 AM **BASICS OF COATING TECHNOLOGY AND PROCESS SELECTION**
Basics of the function of the fluid bed and drum coater. Comparisons between fluid bed and drum coater technology. Advantages and disadvantages of both methods and how to select the right process.
- 10:30–10:45 AM **COFFEE BREAK**
- 11:00–12:00 AM **PROCESS PARAMETERS FOR FLUID BED COATING AND DRUM COATING**
Parameters influencing the coating process and how to use them for process control.
- 12:00 AM–01:00 PM **LUNCH BREAK**
- 01:00–02:00 PM **EFFICIENT TASTE MASKING FOR SMALL PARTICLES**
How to choose and use the right excipient.
- 02:00–04:30 PM **PRACTICAL INTRODUCTION INTO COATING PROCESSES**
The participants will be divided into groups and will be introduced into different coating processes including hot melt coating.
- 04:30 PM **TRANSFER**
- 06:30 PM **EVENING EVENT**

Wednesday, October 23, 2024

- 09:00–10:00 AM **FILLING PELLETS INTO CAPSULES**
Influence of material attributes and process parameters on the filling of pellets and coated material into capsules.
- 10:00–10:15 AM **COFFEE BREAK**
- 10:15–11:00 AM **UP-SCALING OF A DRUM COATING PROCESS**
Parameters used for a successful scale-up.
- 11:00–12:00 AM **MUPS – COMPRESSION OF PELLETS INTO MULTIPLE UNIT PELLET SYSTEM**
Pitfalls and solutions of producing multi unit pellet dosages.
- 12:00 AM – 01:00 PM **LUNCH BREAK**
- 01:00–05:00 PM **HANDS-ON WORKSHOP FOR DIFFERENT COATING PROCESSES**
All participants will work in small groups on a small project on fluid-bed or drum coating machines.
- 05:00 PM **TRANSFER**
- 07:00 PM **EVENING EVENT**

Thursday, October 24, 2024

- 09:00–10:00 AM **TROUBLESHOOTING OF FLUID BED COATING**
Common challenges and mitigation techniques during fluid bed coating from lab to commercial scale.
- 10:00–10:15 AM **COFFEE BREAK**
- 10:15–11:15 AM **TROUBLESHOOTING OF DRUM COATING**
Common challenges and mitigation techniques during drum coating from lab to commercial scale.
- 11:15–12:00 AM **OPEN SESSION AND Q&A**
Participants are asked to send questions and topics upfront to be prepared by Syntegon and discussed in a broader audience. Ranges from troubleshooting, process optimization, scale-up, or galenic topics.
- 12:00 AM – 01:00 PM **LUNCH BREAK**
- 01:00–01:15 PM **WRAP-UP AND END OF SEMINAR**
- 01.30–02.30 PM **OPTIONAL SCHORFHEIM SITE COMPANY TOUR**

AGENDA