

# OSD Academy

## Encapsulation – from powder to capsule

Come join us for our OSD Academy seminar “**Encapsulation – from powder to capsule**”.

With a focus on encapsulation, this exclusive workshop will cover various topics related to hard capsule filling in a combination of theory and practice to further deepen your know-how and to allow you to apply new insights to your everyday business.

**PARTICIPATION FEE:** € 790 (excl. VAT), 10 % reduction for participants from a previous course (includes lunches and beverages during the seminar and dinner on the first and second day, transfers, and program). As soon as we receive your registration form, we will review your registration and email further instructions, such as banking details and more detailed information on the seminar.

**REGISTRATION DEADLINE:** August 12, 2024.

**CANCELLATION POLICY:** For written cancellations received up to 2 weeks prior to the start of the seminar, 20 % of the registration fees are due. For cancellations received up to 1 week prior to the seminar date, 50 % of the registration fees are due. For cancellations received within 1 week prior to the seminar date, 100 % of the registration fees are due. In the case of a non-appearance at the event without prior notification, the full course fees will be invoiced. A substitute participant is always welcome at no extra charge. Should it be necessary to cancel the seminar from our side, a full refund of the seminar fee will be granted.

### TERMS OF PAYMENT

Payable in full within 10 days from date of invoice.

### WHAT YOU WILL LEARN:

- A deeper understanding of quality attributes in the capsule filling process
- An insight into hard capsule manufacturing and the different capsule filling and dosing technologies
- How to troubleshoot your capsule filling processes and consider critical process parameters for process optimization
- Deepen your powder know-how for capsule filling
- Learn more about capsule filling innovations

### ACCOMODATION: Best Western Plus Hotel Fellbach

We have secured rooms at the Best Western Plus Hotel Fellbach for all seminar participants, at Syntegon conditions for **111 EUR** per standard room per night, incl. breakfast. The hotel costs are to be borne by you. The hotel with its 149 rooms is located just a short drive from Syntegon's headquarter. All relevant transfers during the seminar are organized.

Please note that this offer is valid **until August 12, 2024 only**.

# INVITATION.

# OSD Academy

## Encapsulation – from powder to capsule

Tuesday, September 17, 2024

08:30–09:00	<b>ARRIVAL AT SYNTEGON SITE</b>	15:00–16:30	<b>PRACTICAL DEMONSTRATION ON POWDER KNOW-HOW.*</b> Flowability, carrying out a tamping test with visual assessment, dimensioning of the dosing disc.	11:00–12:15	<b>PLANT TOUR</b>
09:00–09:15	<b>WELCOME TO WAIBLINGEN</b>	16:30–17:45	<b>SERVICE AND SYNEXIO &amp; WELCOME DRINKS</b>	12:15–13:15	<b>LUNCH BREAK</b>
09:15–10:00	<b>MACHINE PORTFOLIO, FILLING TECHNOLOGY AND CAPSULE HANDLING</b> Capsule filling machines (GKF series), capsule checkweighers (KKE) and tablet presses (TPR).	17:45	<b>TRANSFER TO HOTEL</b>	13:15–14:45	<b>PRACTICAL DEMONSTRATION ON NEW METHODS OF PROCESS OPTIMIZATION.*</b> Patented automated machine setup, test plans (DoE), systematic process optimization, determination of optimal process parameters.
10:00–10:45	<b>HOW TO OPTIMISE YOUR PROCESS EFFICIENCY? SYNTEGON'S SERVICES.</b> Process optimization, statistical Design of Experiments, Design of Experiments (DoE), and other Syntegon offered services.	18:30	<b>TRANSFER TO DINNER LOCATION</b>	15:15–15:30	<b>COFFEE BREAK</b>
10:45–11:00	<b>COFFEE BREAK</b>	19:00	<b>DINNER</b>	15:30–16:00	<b>WRAP-UP</b>
11:00–12:30	<b>PRACTICAL DEMONSTRATION ON CAPSULE HANDLING.*</b> Capsule differences, capsule feeding, sorting station for separation, closing station, bad capsule ejection, segment cleaning, trouble-shooting.	21:30	<b>TRANSFER TO HOTEL</b>	16:00–16:30	<b>OPEN EXCHANGE WITH EXPERTS</b>
12:30–13:00	<b>LUNCH BREAK</b>			16:30	<b>END OF SEMINAR</b>
13:15–14:15	<b>MACHINE PORTFOLIO &amp; PROCESS TECHNOLOGIES.</b> High-shear mixing, fluidbed processing, pellet coating.				
14:15–14:45	<b>THE CAPSULE IN THE PHARMACEUTICAL PRODUCTION.</b> Capsule production, capsule design, defects and approaches to problem solving.				
14:45–15:00	<b>COFFEE BREAK</b>				

Wednesday, September 18, 2024

08:00–08:30	<b>TRANSFER TO SYNTEGON SITE</b>
08:30–09:15	<b>CONTAINMENT CONCEPTS FOR CAPSULE FILLING</b> Containment levels, cleaning concept, peripheral concept.
09:15–10:45	<b>PRACTICAL DEMONSTRATION OF POWDER FILLING INTO HARD SHELL CAPSULES.*</b> Dosing principal, tamping pin, slide-gate system, coatings, trouble-shooting, process optimization with powder challenge.
10:45–11:00	<b>COFFEE BREAK</b>

\* PLEASE NOTE THAT THE PRACTICAL SESSIONS WILL ALSO BE OFFERED IN GERMAN  
THE AGENDA IS SUBJECT TO CHANGE WITHOUT NOTICE.

# AGENDA