

An Initiative By



ZERO-DEFECT TABLET MANUFACTURING

Compression & Coating Workshop

11 & 12 Dec 2025

Speaker

Fred A. Rowley

President, Solid Dosage Training,
Inc. (USA)

International Solid Dosage
Expert & Industry Pioneer



Knowledge Partner

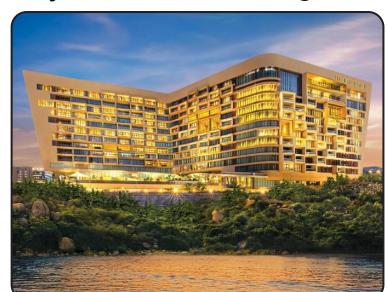
Gansons

Better Solutions Since 1947



Venue:

ITC Kohener,
Hyderabad, Telangana



ABOUT THIS WORKSHOP

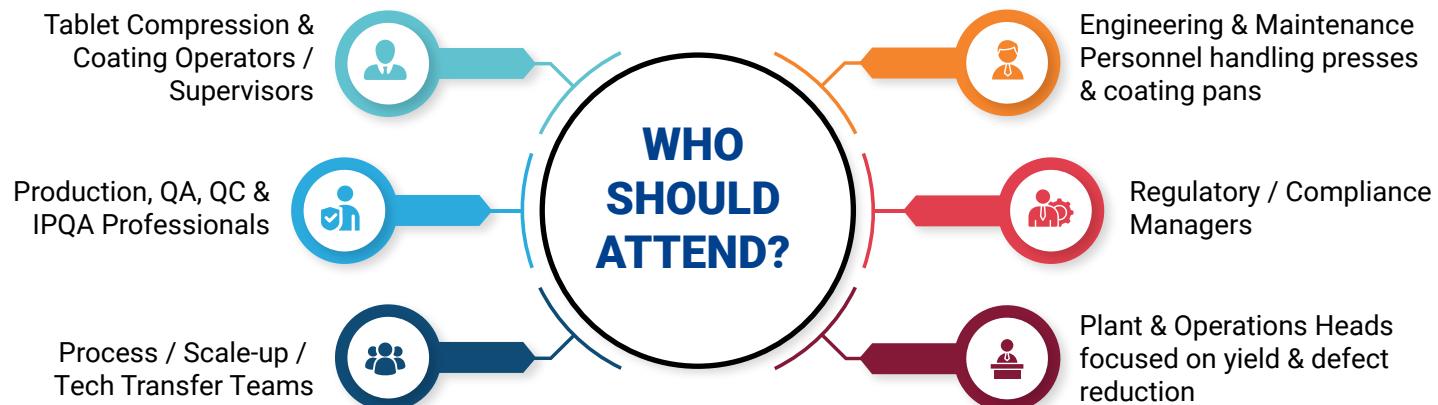
This two-day hands-on workshop focuses on solving real challenges in tablet compression and film coating. It goes beyond theory – offering practical insights, FDA-focused CPP understanding, and real failure case studies to help participants eliminate defects, set the right process limits, and achieve consistent high-yield manufacturing.

Whether you're an operator, supervisor, or QA professional, this program will sharpen your troubleshooting skills, regulatory confidence, and process control mindset for right-first-time tablet production.

KEY TAKEAWAYS

- 1 Master 10 critical FDA-focused parameters for Compression & Coating
- 2 Clear understanding of Compression Force vs Pressure
- 3 Learn how to set scientifically justified Reject Limits
- 4 Real case studies from compression & coating failures
- 5 Hands-on RCA for overweight / oversized tablets
- 6 Step-by-step Coating Pan setup & defect prevention
- 7 Achieve 99% Coating Yield with practical strategies

WHO SHOULD ATTEND?



DAY 1 – MASTERING TABLET COMPRESSION

Time	Session	Description
09:30 – 09:45	Welcome & Workshop Overview	Introduction to objectives, FDA expectations, and high-impact learning format
09:45 – 11:15	Demystifying the Tablet Press: Understanding 10 Critical Operating Parameters (CPPs) That FDA Evaluates	Deep-dive discussion with real equipment images & process mapping
11:15 – 11:30	Tea Break	
11:30 – 12:30	The Misinterpretation of "Compression Force" – Understanding Force vs. Pressure vs. Dwell Time	Scientific explanation with failure scenarios
12:30 – 13:15	Lunch Break	
13:15 – 14:00	Setting Reject Limits for Tablet Presses – Optimized Procedures & Regulatory Expectations	Includes automatic vs manual rejection logic
14:00 – 14:30	Case Study Review (2 Real-Time Incidents)	Discussion & interactive troubleshooting
14:30 – 14:45	Break	
14:45 – 15:30	Oversized / Overweight Tablets – Root Causes & Preventive Controls	Mechanical & formulation-related causes
15:30 – 16:00	Case Study Review (2 Real-Time Incidents)	Failure-to-CAPA mapping
16:00 – 17:00	Day Wrap-Up & Q&A	Key takeaways

DAY 2 – COATING PAN EXCELLENCE & DEFECT PREVENTION

Time	Session	Description
09:30 – 09:45	Recap of Day 1 & Kickoff for Coating Pan Discussions	Alignment on problem statements
09:45 – 11:15	Understanding the 10 Critical Coating Pan CPPs Monitored by FDA	Includes inlet/outlet temperature, pan speed, atomization pressure, pattern width
11:15 – 11:30	Tea Break	
11:30 – 12:30	Setting Up the Coating Pan for Success – Solution Prep, Gun Geometry, Spray Rate Verification, Droplet Control	Demonstration with schematics
12:30 – 13:15	Lunch Break	
13:15 – 14:15	Tablet Coating Defects: Identification, Root Cause Analysis & Corrective Strategies	Includes color variation, erosion, sticking, roughness, twinning, orange peel
14:15 – 14:45	Case Study Review (2 Real-Time Incidents)	Defect-to-CAPA
14:45 – 15:00	Break	
15:00 – 15:45	Aqueous Film Coating Strategy to Achieve 99% Yield – End-to-End Parameter Optimization	Throughput vs quality controls
15:45 – 16:15	Guest Session by SOTAX Team	Mr. Ganesh Deshpande
16:15 – 16:45	Q&A by GANSONS Team	Mr. Ashis Banerjee & Team
16:45 – 17:00	Workshop Closure & Feedback	Certificates / Next Steps

ABOUT THE SPEAKER



Fred A. Rowley

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President, Solid Dosage Training, Inc. (USA)

International Solid Dosage Expert & Industry Pioneer

Fred A. Rowley is a globally recognized authority in solid dosage manufacturing and training. With decades of experience leading technical and operational roles at Watson Laboratories, Alza Corporation, Syntex FP, and Arnet Pharmaceuticals, he has pioneered advanced methods in tablet granulation, compression, coating, and printing.

A Biochemistry graduate from the University of Santo Tomas and honorary doctorate recipient, Mr. Rowley has authored over 30 peer-reviewed publications and serves on the editorial boards of Pharmaceutical Manufacturing and Tablets & Capsules. Having trained professionals and advised companies across 22 countries, he brings unmatched practical insight to this workshop.

ABOUT ORGANISERS



This workshop is jointly organized combining expertise in GxP training, manufacturing excellence, and compliance consulting. Together, aim to deliver practical, hands-on learning that bridges the gap between regulatory expectations and real-world manufacturing performance.

IN CASE OF ANY QUERIES OR FEEDBACK

For Delegate Registration

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To register

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