

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<sup>75+</sup>**

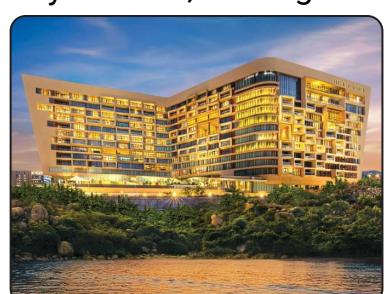
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HYDERABAD TUBES & DUCTS (P) LTD.

### Venue:

**ITC Kohenur,**  
Hyderabad, Telangana



## ABOUT THIS WORKSHOP

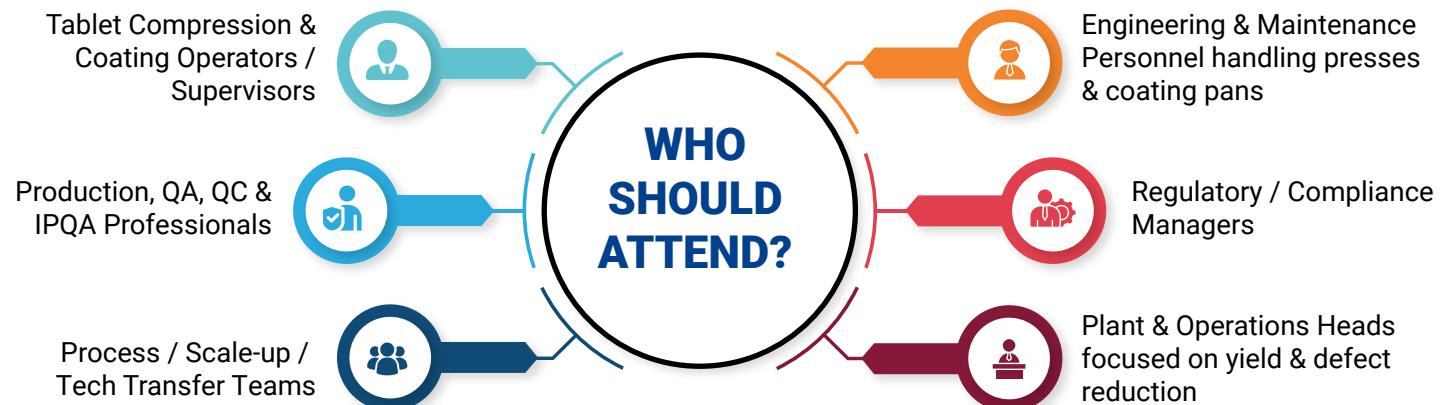
This two-day hands-on workshop focuses on solving real challenges in tablet compression and film coating. It goes beyond theory – offering practical insights, FDA-focused CPP understanding, and real failure case studies to help participants eliminate defects, set the right process limits, and achieve 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	<b>Demystifying the Tablet Press:</b> 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	Case Study Review (2 Real-Time Incidents)	Review of success stories
16:15 – 17:00	Workshop Closure & Feedback	Certificates / Next Steps

## ABOUT THE SPEAKER



Fred A. Rowley

### Fred A. Rowley

**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.*

## Sponsorship & Exhibition Opportunities

### Partnering as a sponsor or exhibitor provides a unique opportunity to:

- Engage directly with QA, QC, Production, R&D, and Engineering leaders from top pharmaceutical companies.
- Showcase your products, instruments, and digital solutions to a targeted technical audience.
- Strengthen your brand presence in a highly specialized professional ecosystem.
- Contribute to industry advancement by supporting training and innovation initiatives.

We ensure partner success by limiting the number of companies in each product or service category, maintaining a balanced and exclusive representation throughout the event.

### Sponsorship Tiers:

- Platinum Sponsor
- Gold Sponsor
- Silver Sponsor
- 

### Exhibitor Opportunity

Dedicated space will be available for equipment manufacturers, coating solution providers, tablet press suppliers, data integrity solution providers, and training partners to display their technologies, innovations, and services to an engaged audience.

For Sponsorship & Exhibitor Registration Reach us at [hello@axygenpharmatech.com](mailto:hello@axygenpharmatech.com)

# Reservation Form (Please complete in full)

Title, first name, surname:

Department:

E-Mail (Please fill in):

Company:

Mobile Number:

## TRAINING FEES: INR 35,000 + 18% GST (PER DELEGATE)

### General Terms and Conditions

If you are unable to attend the conference, you have the following options:

1. **Substitution:** A substitute colleague may attend in your place at any time.
2. **Cancellation:** If you need to cancel your registration entirely, the following processing fees apply:
  - **Within 1 week of the conference:** 25% of the registration fee.

### Changes & Cancellations by Axygen Pharmatech [APT]

APT reserves the right to modify event materials, instructors, or speakers without prior notice or to cancel the event. In case of cancellation, registrants will be notified as soon as possible and will receive a full refund of fees paid. APT is not responsible for airfare penalties or other costs incurred due to a cancellation.

### Payment Terms

Payment is due in full within **5 days** of receiving the invoice, without deductions.

### Important Information

- Registration is binding. In the event of cancellation or nonattendance, the applicable fees must be paid.
- Cancellations must be submitted in writing. The cancellation fee will be calculated based on when APT receives the notification.
- Failure to inform APT of non-attendance will result in liability for the full registration fee, regardless of Payment status.
- Participation in the conference is confirmed only upon receipt of payment.
- The court of jurisdiction is **Hyderabad**.

### Privacy Policy

By registering, you consent to the processing of your personal data for order fulfilment. APT will store and process your data only for this event and similar future events.

## REGISTRATION

### For Delegate Registration

**Ms. Lakshmi**

Conference Manager

[hello@axygenpharmatech.com](mailto:hello@axygenpharmatech.com)



### To register

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