

Results in Solid Dose Manufacturing



TEHCCEUTICALS

*Providing quality consulting, training,
and equipment since 1989™*

Supervisor Training

Solid Dose Manufacturing

Defining the roles and responsibilities of Supervisors

- Theory of Manufacturing for Supervisors
- What to look for on the floor
- Root cause and results

Techceuticals has been training solid dose manufacturing teams since 1989



Unit Operations Theory
Granulation Principles
Tablet compression & tooling
Film Coating Operations
Encapsulation Technology
Packaging

Root Cause
Optimization
The QA/QC roll
Raw material issues
Set-up, Operation, and Cleaning
Troubleshooting
Defects

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The Objective

Supervision is one of the most challenging roles in Processing, Manufacturing, and Packaging. It is a critical role, but often the objectives become obscure and parental, rather than professional and clear. What is the role of a Supervisor, and how can they become more effective leaders and facilitators? Supervision is not a subjective sport: it requires an understanding of many variables within manufacturing. CFR's, cGMP's, and SOP's drive and govern actions but managing operations can be a daunting task if the objectives aren't clear.

This program has been assembled to provide clear guidance for the Supervisor. The key focus will be to provide a comprehensive understanding of the theory and practice of each step in process, manufacturing, and packaging.

Defining objectives of Supervising during Setup, Operation, and Cleaning and knowing what to look for will make each Supervisor more effective.

Theory

Some Supervisors work up thru the ranks and others come from different departments, or different businesses altogether. They are thrust onto the production floor and are expected to oversee and facilitate essential manufacturing decisions with very little depth perception. The best way to overcome this is to expose them to the theory and objectives of each unit of operation in the process. Knowing how the operation works and the expectation of each operation is critical

to their success. Weighing, Blending, Milling, Granulating, Compression, Coating are units of operation. Each one of these has a basic objective. To oversee each of these the Supervisor must have an understanding of what is critical and what is not as critical. Over-reacting is just as poor a response to under-reacting. The Supervisor is the support link to success for the leads, maintenance, quality and operation teams.

Machine function and condition

Many Supervisors do not know the condition of the equipment. Yet they are dependant on quick and effective change-over's to meet the demands of scheduling. There are many variables that contribute to change-over times, including machine condition, machine function, repairs needed, and replacement part inventory. For the Supervisor to effectively support the operations they must be able to assess the skills of each of the team members along with the variables of

the equipment. Today's manufacturing environment makes setting up equipment correctly the first time a MUST! The days of making changes throughout the process are over. A robust process means that it can be done time after time with the same result. When a robust process is established, then there is an avenue to optimize and really start to maximize on product and equipment performance.

"Performance in our world is that you are only as good as your last batch"



Supervisor Training

Who should attend: Production Managers, Supervisors, Leads, Maintenance, R&D, Technical Services, QA/ QC, and anyone in solid dose manufacturing.

Programs

Supervisor training is designed to be delivered at the clients manufacturing facility. This provides an opportunity to tour the facility, review and make corrections to critical documents, discuss specific GMP related topics and focus on root causes, defects resolution, and optimization.

Options

1/2 Day: This is an abbreviated session, great to add into existing Training sessions, a quick but very effective presentation.

1 Day: This is a full day and a busy one, we will cover all topics in detail, and attendees are required to take a few exams.

2 Days: Our most popular schedule: This is very comprehensive and normally includes time on the production floor. Classroom size is unlimited but the hands on sessions must be limited based on room capacities.

3 or more Days: This is a hands on session with a great deal of focus on the clients actual procedures and reviews of process issues.

Pricing

We need to know a few things to provide a price

Session length

Number of participants

Ready for the Next Batch?



Techceuticals Training Programs & Seminars

The Manufacturing Process

Our most popular seminar for the entire solid dose manufacturing team. This covers each unit operation in tablet & capsule manufacturing. Presented in 2, 3, 4, or 5 day programs. There is not a better program to put your entire manufacturing team on the same page, refresh your training technology and challenge your teams to improving their skills

Tablet Pro

Taking tablet making to a new level. With a focus on Setup, Operations and Cleaning, this training provides a clear avenue to doing it right the first time. Learn how to optimize tablet weight, hardness, thickness, and tablet output. This comprehensive tablet making program gives your team the skills and ability to understand and react to common defects. This is a 1-3 day program is guaranteed to improve performance. This information can be put to work now!

Tablet Press Maintenance

Training your team how to inspect a tablet press, align cams, set feed frames and much more. Too many maintenance teams do not have an understanding of how accurate and demanding a tablet press really is. This program will explain metallurgy, the relationship between pressure rolls, punches, dies, cam surfaces, feeders and scraper blades. 1/2 -3 day programs.

Packaging

Bottling lines, blister packaging, cartoning. The key to a tablet bottling line is to understand the demands of each machine, how to set them up right and how to operate, clean, and maintain them. Want improved performance and shorter changeovers? Let our team guide your team to define the techniques for better results. This 1/2 -2 day program is a must for all tablet & capsule packaging companies.

Procedures in Manufacturing

The single most important key to success in manufacturing is to have robust procedures. The Tech Team comes in and reviews written and actual procedures and develops Work Instructions that can then be built into an Interactive Learning System with testing, recording, and reporting employee performance. This is a very specific program and a tremendous success. We have excellent feedback on our systems and know that this is a key to improved performance.

The Next Step

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