



MANUFACTURING AND PRODUCTION

Technology Transfer and Scale Up in Pharmaceutical Manufacturing

3 day course

Classroom, online or in-house

Course overview

A process that works in development frequently fails on a production line, not because anything was done wrong but because scale changes mixing, heat transfer and shear in ways the small equipment never revealed. This course covers moving a product safely. Delegates work through what a transfer package must contain for a receiving site to succeed, including process understanding rather than only a procedure. Gap analysis between sending and receiving sites follows, covering equipment, utilities, materials and capability. Scale up principles are addressed for the unit operations that behave differently with size, particularly blending, granulation, drying and compression. Equipment differences and their process consequences are covered. Analytical method transfer is addressed with its own qualification. Demonstration and validation batches follow. Documentation, change control and regulatory notification are covered, since a transfer usually triggers a variation. Training and knowledge transfer to the receiving team are addressed. The course closes on post transfer monitoring and on the problems that surface only after routine production begins.

What you will learn

- Assemble a transfer package that conveys process understanding
- Conduct gap analysis across equipment, utilities, materials and capability
- Apply scale up principles to blending, granulation, drying and compression
- Assess equipment differences and their process consequences
- Transfer and qualify analytical methods
- Run demonstration and validation batches at the receiving site
- Manage change control, regulatory notification and post transfer monitoring

Who should attend

- Technology transfer and technical services staff
- Development scientists moving products to production
- Production managers receiving new products
- Quality assurance staff overseeing transfers
- Project managers running site transfer projects

Course outline

- 01 Works in development, fails on the line
- 02 The transfer package and process understanding
- 03 Gap analysis between sites
- 04 Scale up in blending and granulation
- 05 Drying, compression and shear effects
- 06 Equipment differences
- 07 Analytical method transfer
- 08 Validation batches, change control and post transfer monitoring

Upcoming dates



Dates	Venue	Format	Fee per delegate
21 to 23 September 2026	Online	Online	R6,500
4 to 6 November 2026	Lusaka, Zambia	Classroom	USD 995
11 to 13 November 2026	Nairobi, Kenya	Classroom	USD 995
1 to 3 February 2027	Windhoek, Namibia	Classroom	R14,950

Fees and how to register

This 3 day course is **R6,500** per delegate online, **R14,950** in the classroom in South Africa, Botswana, Namibia, Lesotho and Eswatini, and **USD 995** in the classroom elsewhere in Africa. In-house training is quotation on request. Book 2 or more delegates on this course and save 10%.

To register or request an in-house proposal, visit www.afrisciencegroup.com, email info@afriScience.co.za, or WhatsApp us on **+27 63 479 1136**.

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