

Structured trials instead of lost production



2-day in-depth course: Hands-on trials at the test center for process engineers who want to reliably unlock optimization potential—without disrupting ongoing production



If you are responsible for optimizing conveying processes, extrusion, or dosing—or if you need to resolve recurring process issues with no clear cause—this course is designed for you. It offers a hands-on, in-depth look at structured experimental methodology with direct access to Coperion's test center experts.

This course covers the following topics in detail:

- Lean-phase vs. dense-phase conveying—relative advantages and material suitability in practice
- Material characterization and scaling for pipeline design
- Pressure drop and throughput: calculation equations and design limits
- Stepped-bore pipelines: improving system performance and reducing problems
- Differences in powder behavior – influence on test design and evaluation
- Elbows in detail: Radius, pressure loss, wear, particle damage, material buildup
- Effects of humidity – psychrometry and humidity control in the process
- Practical details: Coupling systems, pipe specifications, and interfaces

Information on participation



Ready to unlock your optimization potential?
Request a no-obligation consultation now →
Or register directly: [Register here](#)

More info: [→ testcenter@coperion.com](mailto:testcenter@coperion.com)

The course will be offered again in December—early registration is recommended, as space is limited.



Testing costs are almost always lower than a single production downtime. Structured testing in the pilot plant replaces costly assumptions with reliable facts—and typically pays for itself the first time it prevents an error in ongoing production.

→ For an initial evaluation of your product in the lab: bring 25 kg of your product.