

Topsoe Academy™
Plant Assessment/Optimization

Learn to assess and optimize your plant

A Check & Trim™ course from
Topsoe Academy™ for ammonia,
hydrogen, methanol and syngas plants



If you want to achieve best-in-class performance and the profitability that goes with it, a Topsoe Plant Assessment/Optimization training course will give you the insight you need.

With an emphasis on improving practices, uncovering plant potential and taking full advantage of Topsoe technical services, our flexible, tailored Plant Assessment/Optimization course will help you squeeze more value out of your investments in catalysts and plant equipment. As with all Topsoe technical training, this course leverage our unique position as both catalyst supplier and technology licensor to give you efficiency-boosting insight you won't find anywhere else.

What does Plant Assessment/Optimization training cover?

A Topsoe Plant Assessment/Optimization course can range from a brief appetizer session that helps you understand how to benefit from Topsoe catalyst evaluations to an extensive course/workshop, including certification, on how to optimize your catalyst and process performance.

Depending on which of the four levels you choose (see below), a course can give you:

- Recommendations on how to improve your catalyst operation, lifetime and conversion rates
- Step-by-step guide to assessing the performance of your plant's key equipment and catalysts (e.g., reformers, the reformer waste heat section, adiabatic reactors, heat exchangers, the synthesis loop)

- Understanding of how different plant components can be optimized and how individual adjustments affect overall performance
- Workshop on how to optimize plant performance by either reducing energy consumption or increasing production

Topsoe Academy™

Topsoe Academy™ is devoted to helping ammonia, hydrogen, methanol and syngas plants improve their operations and profitability through insight into catalysts, processes, technologies and Topsoe technical services. For each training theme, different "levels" of training courses are available - from brief intro sessions to multi-day workshops with optional certification. This multi-level approach creates opportunities for modular learning, where you can design a tailor-made training program consisting of several courses, each taught at the level of your choice.

All training is conducted by Topsoe experts and is tailored to suit the participants' level of experience.

Consider pairing this course with:
Our Steam Reformer Assessment/Optimization course and/or our one day material science course. Damage mechanisms: Causes & Prevention for a more in-depth understanding of your plant

Certified by Topsoe™

A Topsoe certification is a formal recognition from Topsoe Academy™ that an individual has demonstrated a comprehension of and proficiency within a specific body of knowledge. Certification is optional and is achieved by completing the highest-level course under a given theme and then passing an examination.

Find out more

To learn more about our Plant Assessment/Optimization course and other Topsoe training courses, email academy@topsoe.dk or contact your local Topsoe sales representative.

Scope of training	Level 1	Level 2	Level 3	Level 4
Duration	1 hour	6-8 hours	12-16 hours	20-24 hours
Lecture	Yes	Yes	Yes	Yes
Individual exercises and discussions	No	No	Yes	Yes
Group workshop	No	No	No	Yes
Certification & examination (optional)	No	No	No	Yes

For more in-depth descriptions, please refer to our individual training sheets.



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