

Steam and Bürkert make perfect partners

Our focus on steam derives from a commitment to our customers to work with the physical attributes of the application environments of your world. In the courses provided you will find examples which allow you to find out more about our core process expertise.

We believe we have intimate knowledge and significant insight into the application environments that traverse the broad spectrum of steam applications. We can collaborate with you in the real physics of steam production, distribution and heat transfer where we can share our experience in complete control loops.

We can assist you in determining the most effective steam control architecture to help you see and assess what is happening in your plant from the control room to the boardroom.

Every member of our company listens to you with the aim of fluently presenting you with only the most appropriate solution in your daily application language. The inherent expertise we offer at Bürkert exists to make your life simpler.

Our versatile systems highlight our continuous customer-oriented innovation and are developed to simplify any steam control or monitoring situation, which in turn will save you time.

An otherwise unattainable synergy of hardworking valve elements, process controllers and sensors provide a true single source of remarkably attractive systems, as well as peace of mind, process safety and joy of use. In a world where application knowledge, reliability and quality are paramount, Bürkert offers you unlimited modularity to control the invisible.



Who should attend?

The course is aimed at all consultants and end users associated with steam applications. This would be of particular interest but is not limited to anyone who works in food, beverage or pharmaceutical production.

Steam Training Days

Mercure Bradford Bankfield Hotel, BD16 1TU

Wednesday 19th & Thursday 20th April 2023

Start 10am – Finish 4.30pm

Presented by: Kieran Bennett & Thomas Steele

These two-day courses will provide theory based learning, backed-up with some practical, for a hands-on approach. Bürkert will use examples and case study materials throughout the courses to highlight typical steam systems, all delivered by our industry experienced staff.

The course will cover the following topics:

Day 1

- Fundamental Properties of Water
- The Language of Steam
- Using Steam Tables
- Pressure (with experiment)
- Pressure and Temperature Relationship
- Energy Content of Steam
- Vacuum, Specific Volume
- Air in the steam space
- Steam Pipe Best Practices
- Introduction to steam traps
- Basic Steam and Condensate Loop
- Key Elements of Steam and Condensate Loops
- Treatment of Boiler water
- Instrumentation
- Heat Exchangers
- Steam Control Valves

Day 2

- Industrial Use of Steam
- Bürkert products in Steam Systems
- Estimating Steam Loads
- Steam Table SI
- Sizing a Steam Pipe
- Steam Trap Types
- Sizing a Steam Trap
- Calculation Flash Steam
- Sizing Condensate Pipework
- Designing a Steam System
- Design practical

Each attendee will also receive a digital and hard copy of Bürkert's authoritative "Steam Site Guide".

We are really grateful here at Yeo Valley for the excellent training provided by Burkert over the last few years. We have found Burkert's trainers, facilities and general hospitality all first class and would happily recommend their services to others.

Donald French,
Yeo Valley - Engineering Technical Manager