

Our CIBSE and Engineers Ireland  
approved CPD sessions  
are available virtually



Get in touch with your CPD requirements

CONSULTANTS

*First for Steam Solutions*

EXPERTISE | SOLUTIONS | SUSTAINABILITY

**spirax**  
**sarco**



We've received a number of customer enquires requesting virtual CPDs and we are pleased to let you know we are available to accommodate. Take a look at our menu below and get in touch to let us know how we can support you during this time.

### Steam Fundamentals

A broad & basic entry level presentation giving a good introduction & overview of the physical properties of steam, why it is widely used as a heat transfer media and typical applications.

### Basic Design Considerations

A good continuation of the above presentation, covering basic design of typical systems, good working practice, and the differences with other media such as LTHW – a great entry-level presentation, and a useful refresher for those revisiting the topic of Steam.

### Steam and Heat Exchange

A presentation focused on the benefits of using steam for heat exchange applications, how fully packaged instantaneous plate heat exchanger systems operate & why they offer significant benefits such as cost savings, energy efficiency improvements, carbon reduction and removal of legionella (L8) risks and pressure test legislation requirements compared with traditional shell & tube / calorifier systems.

### Steam Trapping

The importance of trapping steam, steam trap types and operating principles. Basic design considerations including line sizing, costs associated with poor trapping, sizing and selection examples, operational condition monitoring, consequences of incorrectly operating steam traps and trouble shooting.

### Condensate Management

What is Condensate and why remove it anyway? Sizing, layout of condensate lines; design considerations; calculating value of lost recovered condensate; condensate pumping, dealing with contaminated condensate, monitoring condensate recovery in the context of system efficiency.

### Steam Quality

The different Steam conditions and typical applications; feedwater and its' impact on steam quality, understanding the differences between steam quality and steam purity, design considerations and their impact on steam quality.

### Energy & Steam

The energy content of steam, along with comparisons to LTHW, how to use steam efficiently for heat transfer, key heat transfer calculations, energy and control comparisons with other solutions, condensate management and its' role in energy recovery, overall system efficiency & monitoring, the role of steam with various heat sources.

## Get in touch today



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