

Training Course Schedule

6-7th February 2018

THT Head Office, Bletchley, UK

Day 1: 6th February 2018

Start at 9:30

1. **THT Company Tour**
2. **ARC Introduction**
 - a. History of the ARC
 - b. How the ARC works and what it can tell us
 - c. Features/options/spares etc.

THIS TRAINING SECTION IS A SOFTWARE DEMONSTRATION/PRESENTATION

12:30 Lunch

Start at 13:30

3. **The Basically working ARC**
 - a. Hands-on overview of the hardware
 - b. What is the calibration doing?
 - c. When should you calibrate?
 - d. How to check the calibration/spot bad calibration.
 - e. Standard sample tests

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4. **Sample testing – test planning.**
 - a. Consider the sample – state and energy
 - b. Approach for totally unknown samples
 - c. Aspects of physical test setup
 - d. Reflux issues and how to combat them
 - e. Test parameters to use
 - f. Safety aspects

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Day 2: 7th February 2018

Start at 9:30

5. **Sample testing – during and after the test**
 - a. Things that may go wrong during the test
 - b. After test procedure, removal of bomb, cleaning.
 - c. General ARC maintenance and post-test issues

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6. **Data analysis**
 - a. How to spot good or bad data
 - b. Basic data analysis
 - c. Complex data analysis
 - d. Test plans/matrices

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7. **ARC options and how/why to use them**
 - a. Stirring option
 - b. Dosing options
 - c. Gas collection options
 - d. Vent sizing (brief overview)

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8. Further discussions with specialist THT staff as required

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