



# HUMIDITY MEASUREMENT

This one-day fully interactive course provides comprehensive information about the main concepts and practical techniques involved in measuring humidity in air and explains how to make such measurements accurately and consistently. The course is recommended for technicians keen to improve their skills and knowledge in humidity measurement and calibration.

## Course Objectives

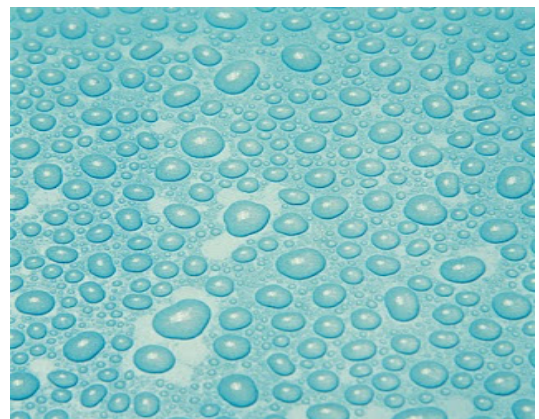
The workshop provides participants with the knowledge and skills to:

- understand the concepts involved in humidity measurements
- know how to select and apply humidity instrumentation
- interpret measurement results and calculate required features
- recognise various sources of error that affect humidity measurements

## Course Outline

The topics covered include:

- basic concepts, tables, charts and formulae
- humidity standards
- dew point meters and practical secondary standards
- hygrometers and some special problems in hygrometry
- humidity chambers
- general practical recommendations
- examples and calculations
- estimating measurement uncertainty<sup>1</sup>



<sup>1</sup>Participants with limited experience in estimating measurement uncertainty would benefit from first attending the one-day Introduction to Estimating Measurement Uncertainty course.

## Past attendees have said...

*“This course will help minimise the presence of sources of errors in RH measurement and assist in the selection of humidity standards”*

*“The practical demonstrations added clarity to the teaching materials”*

## Course Details

### Dates / Venue

Available dates are on our [website](#) and the venue is either NMI Lindfield (Sydney), 36 Bradfield Rd, or NMI Port Melbourne, Unit 1/153 Bertie Street.

### Fee / Inclusions

Check the NMI [website](#) for the current price which includes lunch, refreshments and a copy of Monograph 8: Humidity and its measurement.

### Time

The course will start at 9 am and will finish by 5 pm.

## Related courses

Course name	Duration	Dates
Introduction to Estimating Measurement Uncertainty	1-day	<a href="#">See NMI website</a>
Temperature measurement	3-day	<a href="#">See NMI website</a>
Testing temperature-controlled enclosures	1-day	<a href="#">See NMI website</a>
Pressure measurement	2-day	<a href="#">See NMI website</a>

## In-house Options

Training may be carried out at your premises for groups of 6+ on a fee for service basis. Consultancies provide advice regarding specific measurement issues or training in advanced measurement techniques. More information is found on our [website](#).

## Contact us

Phone (02) 8467 3796, or send an email to [training@measurement.gov.au](mailto:training@measurement.gov.au). For more information about the National Measurement Institute, visit our website at [www.measurement.gov.au](http://www.measurement.gov.au)