

## Annex D Measurement Competency Certificate

During the training, the instructor will observe while measurements are performed as described in the table. Once candidates have correctly performed the measurements, the instructor will sign this certificate and will ensure it is submitted or handed to the examiner.

Candidates may only begin the two theory exams—General Gas Measurements and Measurements—if this certificate signed by the instructor is in the examiner's possession. Due to differences in brands and models, there is no universal sequence regarding the actions to be performed. The sequence of actions must correspond to the type of detector used. During training, candidates will have access to the detectors and measuring set-ups described in Annex C.

	EX-OX-TOX multigas detector	PID (single PID or multigas detector with PID)	TOX gas detector tube.
A	Check the condition and usability of the detector.	Check the condition and usability of the detector.	Check the condition and usability of the pump.
B	Start the detector.	Start the detector.	Check that the correct type of tube and measurement range will be used. Ensure the tube and pump are properly matched.
C	Perform a leak test and fresh air calibration.	Perform a leak test and fresh air calibration.	Perform a leak test.
D.	Check the alarm settings.	Check the alarm settings.	Read the user manual for specific operating conditions.
E	Bump tests	Perform a bump test and/or calibration.	Prepare the pump with the detector tube.
F	Conduct measurements in test set-ups 1, 2, 3 and 4.	Conduct measurements in test set-up 5.	Conduct measurements in test set-up 5 or 6.
G	Record the measurement in the gas measurement report or permit to work.	Record the measurement in the gas measurement report or permit to work.	Record the measurement in the gas measurement report or permit to work.
H	Flush the equipment to reset values and prepare it for storage.	Flush the equipment to reset value(s) and prepare it for storage.	Flush the pump and properly dispose of used detector tubes.

I, \_\_\_\_\_ (instructor's name), declare that \_\_\_\_\_ (candidate's name) has demonstrated the correct performance of the above measurement assignments.

Town/city: \_\_\_\_\_

Date: \_\_\_\_\_

Instructor's signature:

\_\_\_\_\_

The original signed copy will be archived by the exam centre.