

Particulate Stack Emissions Proficiency Testing Scheme

Instructions to Participants

The scheme consists of simulated particulate test probe washings and metal shim(s).

Results should be recorded using the Excel results proforma supplied:

Particulate Proficiency Test Results Proforma V3.xlsx

This can also be downloaded from the PT Testing web site:

www.stack-pt-schemes.net/?page=forms/particulate

Simulated particulate test probe wash

- Evaporate, condition and weigh the residue in the washing solution using your standard operating procedure to BS EN 13284-1:2017.
- Cool evaporation containers to ambient conditions in a desiccator for at least 4 hours.
- Weigh the dry residue and record the mass after 1, 2 and 3 minutes. Extrapolate the mass of the residue to time zero and report the result on the attached sheet.

Metal shim

- Dry shim in a drying oven for at least one hour, at a minimum of 180°C.
- Cool the shim to ambient temperature in a desiccator for at least 4 hours.
- Weigh the mass of the shim and record the weight after 1, 2 and 3 minutes. Extrapolate the result to time zero.

Ambient conditions

- Record the climatic conditions in the weighing room i.e. temperature, barometric pressure and humidity. See results proforma for suggested acceptable ranges

Balance calibration check

- Record the date when last calibrated and the standard deviation from the calibration.
- Carry out a balance check using a check weight; record the weight of the check weight used.

Uncertainty

- Please state the uncertainty for your submitted measurement results

Return of results

- Please return your results before the stated deadline by email to results@stack-pt-schemes.net

Sample handling

- The shim and washing samples are intended solely for use within the PT scheme.
- Please dispose of the PT samples once the scheme is completed and in line with your normal procedures.

Collusion

- Participants are requested not to discuss results with other parties during the proficiency tests.

Appeals or Complaints

- Appeals or complaints should be directed to the PT Scheme Coordinator through the following e-mail address: info@stack-pt-schemes.net

Publicity

- Participating companies will be listed on the Stack PT Scheme website (opt-out possible on registration).

PLEASE ENSURE YOU KEEP A COPY FOR YOUR RECORDS

Reference: Particulate Participant Protocol V9.doc

Checked: TOMS