

# 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](http://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 expanded uncertainty ( $k=2$ , 95% coverage interval) for submitted measurement results

### Return of results

- Please return your results before the stated deadline by email to [results@stack-pt-schemes.net](mailto: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](mailto: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 V10.doc

Checked: TOMS