

## SCHEDULE 1

Sampling points for measurement of sulphur dioxide, nitrogen dioxide and oxides of nitrogen, particulate matter, lead, benzene and carbon monoxide in ambient air

### PART 3

#### Microscale siting of sampling points

1. Insofar as is practicable, sampling points must be situated in accordance with the following criteria:—

- [<sup>F1</sup>(a) the flow around the inlet sampling probe must be unrestricted (in general free in an arc of at least 270°, or 180° for sampling points at the building line) without any obstructions affecting the airflow in the vicinity of the inlet. The inlet sampling probe must normally be some metres away from buildings, balconies, trees and other obstacles and at least 0.5 m from the nearest building in the case of sampling points representing air quality at the building line;
- (b) in general, the inlet sampling point must be between 1.5 m (the breathing zone) and 4 m above the ground. Higher siting may also be appropriate if the station is representative of a large area. Any derogations must be fully documented;]
- (c) the inlet probe must not be positioned in the immediate vicinity of sources in order to avoid the direct intake of emissions unmixed with ambient air;
- (d) the sampler's exhaust outlet must be positioned so that recirculation of exhaust air to the sampler inlet is avoided;
- (e) in relation to the location of traffic-orientated samplers sampling points must be at least 25 m from the edge of major junctions and no more than 10m from the kerbside. [<sup>F2</sup>A 'major junction' is a junction which interrupts the traffic flow and as a result causes different emissions from the rest of the road.]

#### Textual Amendments

- F1** Sch. 1 Pt. 3 para. 1(a)(b) substituted (31.12.2016) by [The Air Quality Standards \(Scotland\) Amendment Regulations 2016 \(S.S.I. 2016/376\)](#), regs. 1, **4(a)**
- F2** Words in sch. 1 Pt. 3 para. 1(e) substituted (31.12.2016) by [The Air Quality Standards \(Scotland\) Amendment Regulations 2016 \(S.S.I. 2016/376\)](#), regs. 1, **4(b)**

[<sup>F3</sup>**1A.** Any deviation from the criteria set out in this Part must be fully documented through the procedures described in Section D of Annex III to [Directive 2008/50/EC](#).]

#### Textual Amendments

- F3** Sch. 1 Pt. 3 para. 1A inserted (31.12.2016) by [The Air Quality Standards \(Scotland\) Amendment Regulations 2016 \(S.S.I. 2016/376\)](#), regs. 1, **4(c)**

2. The following factors may also be taken into account:—

- (a) interfering sources;
- (b) security;
- (c) access;

**Changes to legislation:** *There are currently no known outstanding effects for the The Air Quality Standards (Scotland) Regulations 2010, PART 3. (See end of Document for details)*

- (d) availability of electrical power and telephone communications;
- (e) visibility of the site in relation to its surroundings;
- (f) safety of public and operators;
- (g) the desirability of co-locating sampling points for different pollutants;
- (h) planning requirements.

**Changes to legislation:**

There are currently no known outstanding effects for the The Air Quality Standards (Scotland) Regulations 2010, PART 3.