

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—

- [^{F1}(a) the flow around the inlet sampling probe must be unrestricted (free in an arc of at least 270° or, for sampling points at the building line, 180°) without any obstructions affecting the airflow in the vicinity of the inlet (that is to say 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) the inlet sampling point must be between 1.5 m (the breathing zone) and 4 m above the ground unless the station is representative of a large area and higher siting is appropriate. 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 10 m from the kerbside. [^{F2}A “major junction” is a junction which interrupts the traffic flow and causes different emissions (due to vehicles stopping and starting) 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 \(Amendment\) Regulations 2016 \(S.I. 2016/1184\)](#), regs. 1(1), **3(a)**
- F2** Words in Sch. 1 Pt. 3 para. 1(e) inserted (31.12.2016) by [The Air Quality Standards \(Amendment\) Regulations 2016 \(S.I. 2016/1184\)](#), regs. 1(1), **3(b)**

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

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

[^{F3}3. Any deviation from the criteria listed in this Part must be documented in accordance with Part 4.]

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

Textual Amendments

F3 Sch. 1 para. 3 inserted (31.12.2016) by [The Air Quality Standards \(Amendment\) Regulations 2016 \(S.I. 2016/1184\)](#), regs. 1(1), **3(c)**

Changes to legislation:

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