

Investigation of building parameters – Questionnaire S2

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<p>Dear respondent,</p> <p>Both building and room parameters can be contributing factors in problems in indoor workplaces. This questionnaire is intended to help narrow down the causes of any health complaints. Please provide as much detail as possible.</p>																				
<p>Place of work (name, address):</p> <p>Department:</p> <p>Specific workplace:</p> <p>Questionnaire completed by: Date completed:</p>																				
<p>1 What are the dimensions of the rooms in the section of the building concerned?</p> <table border="1"><thead><tr><th>Room number/name</th><th>Floor area</th><th>Room height</th></tr></thead><tbody><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></tbody></table>			Room number/name	Floor area	Room height															
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<p>2 What are the room dimensions per person in the section of the building concerned?</p> <table border="1"><thead><tr><th>Room number/name</th><th>Floor area per person</th><th>Room volume per person</th></tr></thead><tbody><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></tbody></table>			Room number/name	Floor area per person	Room volume per person															
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3 Method of construction and building materials used in the walls in the workrooms concerned

If different construction methods and building materials have been used, the following section must be completed for each workroom separately.

3.1 Method of construction

- Prefabricated (e.g. timber frame)
- Precast concrete slabs with permanently elastic joint sealant
- Stonework using
- lime sandstone
 - bricks
 - pumice
 - aerated concrete
 - other (please specify)
- Wooden construction
- Container building
- Other construction method (please specify)

3.2 Are the outer walls thermally insulated (e.g. interior insulation or cavity wall insulation; insulating material)?

- No Yes (please specify)

3.3 Please specify the method of construction used in the partition and separation walls.

- Brick
- Plasterboard
- Other (please specify)

4 Type of windows in the workrooms concerned

If different types of window have been used, the following section must be completed for each workroom separately.

4.1 Please specify the type of glazing in the windows (e.g. insulating glass, double glazing, triple glazing).

4.2 What proportion of the workrooms' outer walls is made up of windows?

Room number/name	Window areas as a percentage of the outer wall area

4.3 Which direction do the windows face?

- North
- East
- South
- West
- Various

4.4 Is there any solar protection (e.g. interior/exterior blinds)?

- No
- Yes (please specify)

5 Method of construction and building materials used in the building's roof

5.1 Please specify the roof type.

- Flat roof
- Pitched roof
- Saw-tooth roof (series of symmetrical or asymmetrical ridge roofs)
- Ventilated flat roof
- Non-ventilated flat roof
- Other (please specify)

5.2 Is the roof insulated?

- No
- Yes (please specify how)

5.3 Can the roof be opened, e.g. by means of dome lights or skylights?

- No
- Yes, in % of the roof's area
Number of roof openings:

6 Please specify the ceiling type.

- Suspended ceiling
- Acoustic ceiling
- Ventilating ceiling
- Plastered ceiling
- Other (please specify)

7 Floor

7.1 Please specify the type of floor construction.

- Concrete
- Wooden joist
- Other (please specify)

7.2 Please specify the floor type.

- Concrete
- Screed
- Wood
- Fibreboard
- Other (please specify)

8 Lighting

See also separate questionnaire S4

8.1 Which type of lighting scheme has been used in the workroom?

- Whole-room lighting
(mean illuminance throughout room at least 500 lux)
- Task-area lighting
(mean illuminance in the work areas at least 500 lux
and at least 300 lux in the surrounding area)
- Task-zone lighting
(mean illuminance in the work zone at least 750 lux,
at least 500 lux in the task areas and at least 300 lux in the surrounding area)

8.2 Which types of lighting are used in the workroom and how are they positioned?

- Direct lighting
(The light from the luminaire is emitted directly into the room)
 - Parallel to the line of vision
 - At right angles to the line of vision
 - Other positioning (please specify)
- Direct/indirect lighting
(A portion of the light from the luminaire is emitted directly into the room; the other portion is reflected onto the ceiling or walls and then emitted into the room)
 - Parallel to the line of vision
 - At right angles to the line of vision
 - Other positioning (please specify)
- Indirect lighting
(The light from the luminaire is reflected onto the ceiling or walls and then emitted into the room)
 - Parallel to the line of vision
 - At right angles to the line of vision
 - Other positioning (please specify)

8.3 Can the lighting systems be switched on and controlled individually?

- No
- Yes (please specify)

9 What equipment is in the workroom?

- | | | | |
|--|---------|-------|----------------------|
| <input type="checkbox"/> Printers | Number: | Type: | Year of manufacture: |
| <input type="checkbox"/> Copiers | Number: | Type: | Year of manufacture: |
| <input type="checkbox"/> Computers | Number: | Type: | Year of manufacture: |
| <input type="checkbox"/> Monitors | Number: | Type: | Year of manufacture: |
| <input type="checkbox"/> Other devices (please specify): | | | |

10 Are there any plants in the workroom?

- | | |
|-----------------------------|--|
| <input type="checkbox"/> No | <input type="checkbox"/> Yes (please specify) |
| | Number: Cultivation: e.g. soil, hydroponics |