



Bolton Metropolitan Borough Council

**Environmental Health and Trading Standards Services
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CLEAN AIR ACT 1993 SECTION 14 CHIMNEY HEIGHTS (NOTE 1)

**APPLICATION FOR APPROVAL BY THE LOCAL AUTHORITY OF THE
HEIGHT OF A CHIMNEY SERVING A FURNACE OR FURNACES**

Name and address of local authority : _____

A. Full name and address of applicant :-

Name : _____

Address : _____

Telephone Number : _____

Address of premises where chimney is or will be constructed (if different from above) :

Name and address of consultant, contractor or other agent :

Telephone Number : _____

B. Brief description of proposed works :-

C. Category under which chimney height approval is sought (Note 2)

a) Construction of new chimney(s) YES / NO

b) Increase of combustion space of existing furnace (Note 3) YES / NO

c) Replacement of furnace by one having larger combustion space YES / NO

Signed : _____ (on behalf of applicant)

Date : (Note 4) : _____

PARTICULARS TO ACCOMPANY APPLICATION FOR APPROVAL

A. Description and use of furnace(s) :-

1. Intended use of furnace(s) (e.g. boiler plant, metal melting or reheating, calcining, drying etc.) (Note 5)

2. Type and description of furnace(s) (Note 6)

3. (a) Particulars of furnace(s) to be installed

- (b) Particulars of changes intended to existing furnace

- (c) Particulars of furnace(s) to be removed

B. Rating and fuel consumption (Note 5)

4. (a) Maximum continuous rating of boiler(s) (MW megawatts).

- (b) Maximum rate of fuel consumption in kilograms per hour or cubic meters per hour (separately for different fuels)

5. Type of fuel to be used (Note 6)

- (a)

- (b) Gross calorific value in MJ/kg or MJ per cubic meter (separately for different fuels)

6. Sulphur content of fuel % _____

C. Particulars of emissions

7. Quantity and quality of emission (if any) from the material being heated e.g. fume, sulphur trioxide, hydrogen sulphide.

8. (a) Volume of chimney gases at working temperature (cubic meters per second calculated from paragraph B4 (b))

(b) Working temperature of chimney gases at working temperature and at maximum loading of plant (meters per second)

(c) Efflux velocity of chimney gases at working temperature and at maximum loading of plant (meters per second)

D. Particulars of buildings

9. Height of building to which chimney is attached _____

10. Length of building to which chimney is attached _____

11. Width of building to which chimney is attached _____

12. Height(s) of adjacent building(s) _____

13. Distance of adjacent building(s) to proposed chimney _____

E. Particulars of buildings for approval is required

14. Height of chimney above ground level _____

15. Details of construction of chimney (materials, insulation, single or multi-flue, internal diameter of chimney top).

F. Supplementary information

16. (a) A scale plan of the proposal together with positions of other emission sources on the same site indicating height of chimneys and relevant distances from the chimney for which approval is sought.
- (c) Any other relevant information e.g. topographical features, nearness of other developments.

NOTES 1 TO 6

1. The third edition of the 1956 Clean Air Act Memorandum on chimney height (issued with joint Circular DOE 25/81) provides technical guidance. This is available from Her Majesty's Stationary Office.
2. Section 14(1) applies to any furnace served by a chimney.
3. Including addition of a new furnace to an existing installation.
4. Section 15(4) of the Clean Air Act 1993 provides as follows :-

"If a local authority to whom an application is duly made for approval under this section fail to determine the application and to give a written notification of their decision to the applicant within four weeks of receiving the application or such longer period as may be agreed in writing between the applicant and the authority, the approval applied for shall be deemed to have been granted without qualifications."
5. The information should relate to the total furnace or boiler plant which the proposed chimney will serve after all the works have been completed
6. If oil specify type and viscosity. If solid fuel give the suppliers specifications (i.e. British Coal, or colliery source) if known.