Furnace chimney height approval application form

Clean Air Act 1993 Sections 14 & 15 - Chimney Heights (Note 1) Application for Approval of The Height of Chimney(S) Serving Furnace(S)

Environmental Protection
Planning and Regulatory Services
London Borough of Bexley
2 Watling Street
Bexleyheath
DA6 7AT

This form has 7 pages

Applicant

Full name

Address

Telephone number

Location

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

Consultant / Agent

Name and address of consultant, contractor, or another agent (if employed)

Telephone number

Proposed works

Brief description of proposed works

Category under which chimney height approval is sought

☐ Construction of new chimney(s)

☐ Increase of combustion space of existing furnace

☐ Replacement of furnace by one having larger combustion space

Signed

Date

Notes

Note 1 - The third edition of the 1956 Clean Air Act Memorandum on chimney heights (issued with Joint Circular DoE 25/81 Welsh Office 12/81) provides technical guidance. This is available from HMSO Including addition of a new furnace to an existing installation.

Note 2 - Section 15(4) of the Clean Air Act 1968 provides as follows: “If a local authority to whom an application is duly made for approval 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 treated as having been granted without qualification”.

Particulars to Accompany Application for Approval

A - Description and use of furnace(s)

1. Intended use of furnace(s) (e.g. boiler plant, metal or reheating, calcing, drying etc) (Note 4)

2. Type and description of furnace(s) (Note 4)

3(a). Particulars of furnaces to be installed

3(b). Particulars of changes intended to existing furnace(s)

3(c). Particulars of furnace(s) to be removed

B - Rating and fuel consumption

4(a). Maximum continuous rating of boiler(s) (MW (megawatts) or pounds steam per hour from and at 100°C, or BTU's per hour

4(b). Maximum rate of fuel consumption in kilograms per hour or cubic metres per hour (separately for different fuels)

5(a). Type(s) of fuel to be used (Note 5)

5(b). Gross calorific value in MJ/kg or MJ/m3 (separately for different fuels

6). Sulphur content of fuel %

C - Particulars of emissions

8(a). Volume of chimney gases at working temperature (cubic metres per second calculated from paragraph 4(b) above)

8(b). Working temperature of chimney gases in degrees C (state point of measurement).

8(c). Efflux velocity of chimney gases at working temperature and at maximum loading of plant (metres per sec)

D - Particulars of buildings

9. Height of building to which the chimney(s) is/are attached

10. Length of building to which the chimney(s) is/are attached

11. Width of building to which the chimney(s) is/are attached

12. Height(s) of adjacent buildings

13. Distance of adjacent buildings from proposed chimney(s)

E - Particulars of chimney for which approval required

14. Height of chimney above ground level

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. Scale site plan of proposal, together with scale site plan of other emission sources on same site with heights of chimneys and approximate distances from chimney(s) for which approval is sought. The site plan must clearly show the relationship between the proposed and other development. The site plan must also show the surrounding topographical features and the relationship between the proposal and those features. (Use a separate sheet).

17. Any other information relevant to the application

Notes

Note 4 - The information should relate to the total furnace or boiler plant which the proposed chimney will serve after all the works have been completed.

Note 5 - If oil specify type and viscosity. If solid fuel give Coal Board specification, or colliery source, if known.