



CLEAN AIR ACT 1993
SECTIONS 14 & 15 CHIMNEY HEIGHTS (Note 1)

APPLICATION FOR APPROVAL BY THE LOCAL AUTHORITY OF THE HEIGHT OF A
CHIMNEY(S) SERVING FURNACE(S).

To: Environmental Health
Newark & Sherwood District Council
Castle House
Great North Road
Newark
NG24 1BY

Before completion please refer to the notes on page 5.

A. Full name and address of applicant

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

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

B. Brief description of proposed works

C. Category under which chimney height approval is sought.

(tick box)

a) Construction of new chimney (s).

b) Increase of combustion space of existing furnace. (Note 2)

c) Replacement of furnace by one having larger combustion space.

PARTICULARS TO ACCOMPANY APPLICATION FOR APPROVAL

Description and use of furnace(s)

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

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

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

(ii) Particulars of changes intended to existing furnace(s)

(iii) Particulars of furnaces to be removed

Rating and Fuel Consumption (Note 4)

4. (i) Maximum continuous rating of boiler(s) (MW (megawatts) or pound steam per hour from and at 100°C., or B.t.u's per hour).
- (ii) Maximum rate of fuel consumption in kilograms or cubic metres per hour (separately for different fuels).
5. (i) Type(s) of fuel to be used (Note 5).
- (ii) Gross calorific value in MJ/kg or MJ/m³ (separately for different fuels).
6. Sulphur content of fuel % by mass (unless fired by natural gas = VLS fuel less than 0.04% sulphur).

Particulars of emissions

7. Quantity and quality of emission (if any) from the material being heated e.g. fume, sulphur trioxide, hydrogen sulphide.
8. (i) Volume of chimney gases at working temperature (in m³/sec, calculated from paragraph 4(ii) above)
- (ii) Working temperature of chimney gases (in degrees C state point of measurement)
- (iii) Efflux velocity of chimney gases at working temperature and at maximum loading of plant (m/sec).

Particulars of buildings (Note 6)

- 9. Height of building to which the chimney is attached (m).
- 10. Length of building to which chimney is attached (m).
- 11. Width of building to which chimney is attached (m).
- 12. Height (s) of adjacent building(s) (m).
- 13. Distance of adjacent building(s) from proposed chimney (m).

Particulars of chimney for which approval required

- 14. Height or proposed height of chimney above ground level (m).
- 15. Details of construction of chimney (materials, insulation, single or multi-flue, internal diameter of chimney top).

Supplementary Information

Scale sites plan of proposal, together with scale site plan of other emission sources on same site with heights of chimneys and approximate distance from chimney for which approval is sought.

Any other information considered relevant to the application.

Signed..... Date (Note 3).....
[on behalf of the applicant]

NOTES

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 H.M.S.O

2. Including addition of a new furnace to an existing installation.

3. Section 14 (4) of the Clean Air Act 1993 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 deemed to have been granted without qualification."

4. The information should relate to the total furnace or boiler plant that the proposed chimney would serve after all the works have been completed.

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

6. For determining heights and widths of buildings of complex shape refer to "Chimney Heights" Third Edition of the 1956 Clean Air Act Memorandum ISBN 0 11 751556 6.

7. Where there is an installation of multiple boilers each with individual flues that are of the same height and discharge in close proximity then, for each set of boilers/furnaces of identical specification, only one application is needed per set provided the applicant makes it clear how many flues/boilers/furnaces are to be considered in each application.