

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, calcining, drying etc.) (Note 4)
2. Type and description of furnace(s) (Note 4)
3. (a) Particulars of furnace(s) to be installed
(b) Particulars of changes intended to existing furnace(s)
(c) Particulars of furnace(s) to be removed

B.

Rating and fuel consumption (Note 4)
4. (a) Maximum continuous rating of boiler(s) (MW (megawatts) or pounds steam per hour from and at 100 C., or B.t.u.'s per hour).
(b) Maximum rate of fuel consumption in kilograms per hour or cubic metres per hour (Separately for different fuels)
5. Type(s) of fuel to be used (Note 5)
(a)
(b) Gross calorific value in MJ/kg or MJ/m ³ (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 metres per second calculated from Paragraph 4(b) above)

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

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

D.

Particular 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 building(s)

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

E.

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

17. Any other information relevant to the application.

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.

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