

Rebecca Payne

From: Amanda Scholes on behalf of Planning.Responses
Sent: 13 February 2014 08:48
To: Planning Scanning; Amanda Scholes
Subject: FW: BR/318/13/ - Rear of 13 and 15 Richmond Avenue

From: Simon Davis
Sent: 11 February 2014 15:36
To: Planning.Responses
Subject: FW: BR/318/13/ - Rear of 13 and 15 Richmond Avenue

Please upload as further EH comments (Ref BR/318/13/)

From: Graham Evans
Sent: 11 February 2014 12:56
To: Simon Davis
Subject: RE: BR/318/13/ - Rear of 13 and 15 Richmond Avenue

Hi Simon,

Upon consideration of the information available I consider it unlikely that the boilers will give rise to an exceedance of Air Quality Objectives, consequently the requirement to submit an air quality assessment is unnecessary. It is also apparent that the boilers are certified exempt for use in smoke control areas under Clean Air Act 1993.

The fuel quality condition (or the 2nd sentence) should remain to ensure fuel consistency, as should the maintenance condition.

Fuel quality conditions

A written guarantee shall be submitted to the local authority prior to commencement of the development with a declaration that wood pellets conforming to a recognised fuel quality standard will be consistently used in the biomass boiler.

Maintenance conditions

The biomass boiler shall be associated with a written schedule of maintenance, which shall include removal of ash, inspection and maintenance of particulate arrestment equipment, boiler servicing and stack cleaning. The maintenance schedule shall be submitted prior to installation.

The applicant should be advised that further requirements of the Clean Air Act 1993 still apply, and that non-compliance is an offence.

S4 requires the notification to this Authority of the installation of any furnace with a maximum heating capacity of >16.12kW.

S6-9 requires furnaces burning solid matter at a rate >45.4kg per hour to be fitted with grit & dust arrestment plant approved by this Authority (certain classes of furnaces are exempt from this requirement).

S14-16 require the height of chimneys serving furnaces burning solid matter at a rate >45.4kg per hour to be approved by this Authority. In assessing the height of the chimney reference should be made to the Third Edition of the 1956 Clean Air Act Memorandum on Chimney Heights. There is an overriding minimum requirement that a

chimney should terminate at least 3m above the level of any adjacent area to which there is general access (i.e. ground level, roof areas or adjacent openable windows).

A Clean Air Act application form is available from the following link, the notes further explain the requirements, <http://www.arun.gov.uk/documentHandler.cfm?did=3063&pflag=docm93jjm4n3063>.

The "noise levels" provided may be significant, depending upon the distance from the unit at which they are specified, attenuation provided by the building/enclosure (structure of the container is noted -- is the container ventilation acoustically treated?), and the proposed operating hours (24/7?).

EHN1 may be an excessive requirement, but in the absence of further information EHN14 should be applied.

Regards
Graham

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Save the environment - think before you print.

From: Simon Davis
Sent: 07 February 2014 15:37
To: Graham Evans
Subject: BR/318/13/ - Rear of 13 and 15 Richmond Avenue

Hi Graham,

As per my email to you set Thursday 6th Feb, I now attach the additional documents sent to me from the agent (also see his email below). Does this information alter your previous recommendation in respect of conditions to be attached?

Kind Regards

Simon J Davis MRTPI, Senior Planning Officer, Development Control
Arun District Council (First Floor, Arun Civic Centre, Maltravers Road, Littlehampton, BN17 5LF)
Telephone: +44 (0)1903 737874
Visit Arun's web site at www.arun.gov.uk
P Save the environment - think before you print.

From: Alan J Smith [REDACTED]
Sent: 07 February 2014 15:03
To: Simon Davis
Subject: FW: Documents for Biomass planning

Hi Simon,

Documents as required regarding boiler output and pellet quality have been attached.

ETA PE- K is listed at top of page 26 on the uksi attachment for smoke exemption.

The supplier doesn't currently have a certificate regarding noise levels but these are the official figures given respectively.

Noise levels are as follows:

Actual operating levels of the boiler unit are: airborne noise level 40dBA - 50dBA with peaks of 75dBA. (initial ignition, pellet transfer, auto heat exchanger cleaning).

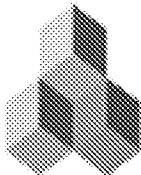
Note: The boiler supplier has stated actual operating noise levels of the wood boilers are similar to gas boilers. They are housed in a container unit with 50mm Rockwool insulation and timber cladding.

If further clarification or data is required please do not hesitate to get in touch

Kind regards

Alan Smith

Alan J Smith Bsc (Hons) ACIAT
Architectural Technologist



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From: Gavin Moore [REDACTED]
Sent: 07 February 2014 12:07
To: [REDACTED]
Subject: Documents for Bognor Regis planning

Alan,

As discussed.

ETA PE- K is listed at top of page 26 on the uksi attachment for smoke exemption.

Flue output, emissions etc are on the ETA document.

Pellet quality attachment is the specifics of EN Plus pellets (highest accreditation) that would be supplied by Forever Fuels.

I believe you have the noise production data from the Durker Rood's approved application?

Thanks

Gavin