



# Decision Document

Pollution Prevention and Control Act 1999

Environmental Permitting (England and Wales) Regulations 2010

*Decision: Permit application*

*Riverside Building Supplies Limited  
Hall Rd  
Heybridge  
Maldon  
Essex  
CM9 4NF*

Date of decision:      *30<sup>th</sup> December 2010*

***ehrc.org.uk***

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## 1. Application

Standard part B application form was received along with maps and a separate supplementary information document.

- The form was signed
- The correct fee was paid
- Information received was of sufficient detail to assess the application

**Decision:** Application 'duly made'.

## 2. Guidance

The relevant statutory guidance is:

- Secretary of State's Guidance for Local Air Pollution Control Process Guidance Note 6/2(04) Manufacture of Timber and Wood-Based Products.
- No other statutory guidance is applicable.
- No other relevant guidance need be considered

**Decision:** Use Secretary of State's Guidance for Local Air Pollution Control Process Guidance Note 6/2(04) Manufacture of Timber and Wood-Based Products in the determination of the application.

## 3. Consultation

The relevant national consultees are the Mix Essex Primary Care Trust and Natural England.

Public consultees were made aware of the application by means of local notice displayed outside the installation.

Natural England made no objection to the application, and was supportive of conditions to safeguard the natural environments, and specifically The Blackwater Estuary.

Mid Essex Primary Care Trust did not provide a consultation response.

**Decision:** Site-specific conditions derived from EPR2010 and Guidance Note 6/2(04) Manufacture of Timber and Wood-Based Products should provide the level of cover deemed necessary by Natural England, and in any case will represent site specific BAT.

#### 4. Draft Permit

A bespoke permit was produced in the Maldon permit style using guidance note 6/2(04) 'Manufacture of Timber and Wood-Based Products'. Specific decisions made in relation to conditions used in the permit are as follows:

##### Emission limits

- Emission limits in relation to plant with exhaust flow of >300 m<sup>3</sup>/min do not apply to this site.
- Combustion emission limits reflect the PG note

##### Monitoring

- Emissions monitoring is visual and olfactory assessments only in line with the PG note.
- Extractive emissions monitoring is not required.
- No additional monitoring provisions are considered necessary.

##### Controlling emissions of particulates

- Require that all wood working machines be connected to extraction equipment to minimise dust release.
- Require that all extraction equipment be equipped with suitable and sufficient filtration plant.
- Require that all wood dust handling systems be contained.
- Require that all wood dust storage systems be enclosed.
- Require that articulated lorry storage containers be equipped with windows to check for remaining capacity.
- Require that extraction be shut down when changing articulated lorry storage containers to prevent having an 'open' system.

##### Controlling emissions from combustion processes

- Some smoke emission appeared unavoidable from the hand-fed burner at start-up. The manufacturer of the appliance confirmed this, but also advised that cleaning helped to minimise smoke emissions. Cleaning and maintenance conditions have therefore been included.
- The plant may only burn wood derived from on-site activities. No imported wood or general waste may be burnt in the appliance.

##### Controlling Fugitive emissions

- A general BAT condition to minimise fugitive emissions is included as is the general good housekeeping condition.
- Conditions to control the paint line wash-water treatment activities are included under fugitive emissions as otherwise exempt but directly associated waste activities.

## Monitoring

- Visual assessments of site emissions are required to check compliance with emission limits. Daylight assessments are specified wherever practicable.
- Visual assessments of the remaining capacity of the articulated lorry trailer is required at least daily in order to prevent over-filling the trailer.
- A maintenance plan for the arrestment equipment is required as it represents 'key abatement plant'. A minimum filter-change period of 4 years has been specified, and is the industry norm.
- The Operator is required to keep records of assessments made and maintenance undertaken.

## Management

- The operator is required to maintain site procedures and emissions monitoring records. General conditions covering management are included, which include training.

## 5. Inspection

The permitting inspection was undertaken on 29<sup>th</sup> October 2010 in the presence of Dave Pooley from Riverside Building Supplies and Shirley Hall (Maldon Council).

The installation was as described in the permit application.

The following points were specifically discussed or investigated:

- Extract filters and dust collection systems  
The dust collection box to the external filter unit requires full containment or a lid. Accumulations of dust on external surfaces need to be cleared away and not allowed to build-up.  
No significant dust emissions were noted.
- Combustion emissions  
The wood-burning appliance was lit from cold at the time of our arrival and was smoky for approximately 10 minutes  
Good operational practices in relation to lighting and maintaining the appliance are stressed.
- Emissions monitoring recording  
A procedure for emissions monitoring has been developed  
A recording mechanism for emissions monitoring has been developed but is not currently in use.
- Fugitive emissions  
A paint sludge de-watering plant not part of the application was discussed, particularly in relation to obtaining consent for use from Anglian Water, waste exemptions and the state of the yard. The site is currently on limit for storage of paint sludge for de-watering, and is at risk from accidental release due to the cluttered storage conditions. A discharge consent has since been obtained from Anglian Water, and conditions have been included in the permit for the de-watering plant.

- Procedures, instruction and training  
Procedures and record sheets are in place but not currently in use.  
Training should include awareness of the environmental permit and permit conditions.

## 6. Decision – draft permit

The outcome of the permit application process has resulted in the decision to **grant** the permit for Riverside Building Supplies. A draft permit was issued to the Operator on 3<sup>rd</sup> December 2010.

## 7. Final permit

Minor permit amendments were made following the inspection process, these being:

- Revised site boundary (the original drawn boundary was slightly incorrect).
- Revised condition 2.2.1.1 and table 2.2.1.1 for smoke emissions and smoke permitted periods (in line with Clean Air Act Dark Smoke Permitted periods) as follows:
  - No visible smoke under normal operation (excluding lighting from cold).
  - Other than when lighting from cold, emissions of smoke shall not exceed Ringelmann Shade 1 for more than **10 minutes**.
- Revised condition 2.2.3.1 to include cleaning the wood-burning appliance.
- Removal of redundant condition 2.3.1.6.