



Kingspan Timber Solutions Limited

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Ms Claire Braybrook
Huntingdonshire District Council
Pathfinder House
St Mary's Street
Huntingdon
PE29 3TN

31st January 2018

Dear Claire,

Re: Part A(2) Permit: A14/15 – 2017 Emissions monitoring report

Further to condition 2.3.2 as set out in our 'Permit for Wood Products Preservation with Chemicals' Environmental Permitting Part A(2) Permit, ref: A14/15 and variation ref: PPC 25/16 please find the summary of our emissions monitoring results for the year 2017.

Releases to water and sewer:

There have been no emissions to water or sewers from the installation.

The timber treatment process takes place within a covered area and is therefore protected from the elements. The area includes a kerbed containment area and bunded sections surrounding the treatment vessels and storage tanks to ensure any preservative dripping from the treatment process or from freshly treated timber is safely contained and then recovered. Timber is stored here until drip free and defined as dry, before making its way elsewhere on site to continue through the manufacturing process.

Our daily inspection records show that a visible leak was found on plant 2 on the 29th October 2017, this was deemed as a slight leak by the suppliers service engineer and a repair was made on the 8th January 2018. Whilst waiting for the repair any liquids (small cupful) were contained within the bund and cleared up following our spill procedures.

The Treatment Plant Operator monitors treatment tracking on a daily basis which is recorded via a checklist and by taking photos a number of times a day. It was appreciated that the difference between rainwater on the floor and treatment would be difficult to tell in a photo and thus the checklist was amended to also record the days rainwater was present. The covered area is open at one end to allow movement of materials and thus some rainwater inevitably ends up on the floor.

The daily inspection records for treatment tracking show no evidence of any tracking issues throughout the year.

Releases to Air:

The Treatment Plant Operator monitors odours from the treatment plant on a daily basis recording any concerns on his daily checklists. There were no issues raised during 2017.

Our Part B permit also covers emissions and monitoring with particular emphasis on the:-

- a. Arrestment Plant designed with exhaust flow rates >300m³/min. Within the manufacturing site we have two main extraction units removing particulate matter i.e. dust from the cutting processes from our two mills to a bulk storage area. These are also subject to a daily checklist which records observations of fugitive particulate matter or abnormal emissions. No concerns were raised during the daily checks in 2017.
- b. Combustion processes - on site here we have a number of wood burners providing heat to the workshops which are fuelled from non-treated timber offcuts from the manufacturing process. Again abnormal emissions are checked on a daily basis and no concerns were raised during 2017.

We have a number of smaller bagged extraction units present within a number of the workshops which are monitored as part of the daily start up checks and by the maintenance engineer on a monthly basis. The findings of these checks led to an amendment to the daily start up checks to include the recording of the shaking of the filters and the dust levels within the containment bags, acting as a reminder to employees to action these to maximise efficiency of the extraction units.

There were no complaints received into the business regarding odour or particulate matter releases to air from the site during 2017.

Noise & Vibration:

We are not aware of any noise or vibration issues in relation to the treatment plant. The treatment plant sits towards the middle of the manufacturing site with our main extraction units and a number of buildings sitting between the treatment plant and the nearest sensitive receptors.

There have been no known noise complaints regarding the works here during 2017 from the adjacent community.

Resource Utilisation:

During 2017 there was a change in factory management which led to a review of working practices and procedures. As a result treatment policies were amended leading to a reduction in the quantity of material being treated and thus reductions in raw material, energy usage and thus potential emissions.

Incidents:

The Business uses a near miss and incident reporting form which records the full investigation, including any injury details, investigation review and root cause identification, investigation close-out and implemented corrective actions. This form is also completed for environmental concerns. During 2017, concerns were raised regarding a diesel drip tray being left upturned at the filling station and concerns regarding a bad smell in the area, which turned out to be hay bales which had caught fire in a nearby field.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'Ray Ward', with a large, stylized loop at the end.

Ray Ward
Head of Operations