
F11 Non-technical Summary of Application

1. Introduction

Sodra Wood Limited operates an industrial timber treatment facility at its site located at the Port of Dundee, Dundee, DD1 3LU. Timber is treated to protect against fungal decay and insect attack and is widely used in commercial and residential construction. Treatment allows timber to be used with confidence and treated timber is one of the most sustainable construction materials available.

The proposed new timber treatment facility is due to the relocation of an existing operation that has operated at the Port for a number of years.

2. Listed Activities

The site will operate one listed activity under the Pollution Prevention and Control (Scotland) Regulations 2012:

- i. Timber Activities, listed under Section 6.6 of the regulations.

3. Site Report

A report has been prepared to outline the current condition of the site at the time of the application. The site has been constructed and is operated to ensure that no emissions are made to air, land or water. The process is contained and undercover and creates no waste or emissions to the environment.

4. Management Techniques

The company operates an Environmental Management System using the principles of the internationally recognised environmental standard, ISO14001:2015. This ensures that correct procedures and ways of working are implemented and followed and that the site is operated to the best environmental practice and BAT (Best Available Techniques).

5. Raw Materials

The raw materials used in the process are wood, water and wood preservatives. A list of the wood preservatives used has been provided. These products approved by the Health & Safety Executive and are sold by suppliers to wood treaters throughout the UK. The wood preservatives contain fungicides and insecticides as active ingredients. The same ingredients are used in agriculture (crop production) and personal care products.

Water is used to dilute the wood preservatives to their correct working concentration.

Suppliers of wood preservatives are continually reviewing the active ingredients to ensure they are the most effective whilst minimising potential impacts on the environment.

6. Waste

There is no regular waste from the process of treating wood in an industrial process. After the wood has been treated with the correct amount of preservative, the wood is allowed to dry undercover. Any drips are collected and returned to the preservative storage tanks for reuse.

As necessary and usually less than once per year the tanks may need to be cleaned. The cleaning water will either be used to make more preservative or will be disposed of by a waste contractor.

7. Emissions

The preservatives are waterbased, have virtually no odour and do not release emissions into the air.

The installation is designed to contain the process activities and any spills or leaks during the process are trapped using bunds before being recovered and recycled. It is operated as a closed system with inputs being water, wood and preservative and the output being preservative treated wood. When leaving the installation the preservative is chemically fixed in the wood. There are therefore no emissions to land or water from the process.

8. Energy

There is no heat used in the process. Electricity is used to power pumps and motors that move the preservative liquid around the process.

9. Noise

There is very little noise generated from the installation which is situated on an industrial port. The only noise generators are vehicle engines and electric motors.

10. Human Health

There are no emissions from the installation and therefore no impact on human health. Operators are specifically trained in their roles and how to handle the raw materials.

11. Closure

When operations cease, the facility has been designed to be decommissioned and removed with minimal impact on the environment.

Raw materials will be removed and recycled where possible. Hazardous materials will be removed by a licensed waste contractor.

The installation will be returned to a safe and satisfactory state with no increase in contamination levels.

Sodra Wood Ltd
August 2021