

KRONO GROUP

Negative Externalities of Continuous Exhaust Emissions



PECC IPE

March 2021

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Negative Externalities of Continuous Exhaust Emissions

Rhine Sunshine flooring manufacturer is Kronospan factory

In early March 2021, Lvse Jiangnan Public Environment Concerned Centre (PECC) received feedback from local residents during on-site environmental research in Danyang, Jiangsu Province, it is said that the waste gas emission from the production process of Krono (Jiangsu) Wood Industry Co., Ltd. (hereinafter referred to as Krono Wood Industry) in Danyang City (Figure 1) has polluted the surrounding environment and seriously affected the living environment and health of nearby residents. Therefore, PECC is jointly with IPE conducted on-site investigation on the problems of environmental pollution disturbing residents in the production process of Krono Wood Industry.



Figure 1. The gate of Krono (Jiangsu) Wood Industry Co., Ltd.



Figure 2. Location of Krono (Jiangsu) Wood Industry Co., Ltd.

Field investigation on environmental pollution caused by waste gas emission from Krono Wood Industry

Through aerial photography, PECC researchers found that the chimney of Krono Wood Industry plant was emitting white smoke, which migrated to the downwind direction, and the villages and commercial and residential buildings nearby were shrouded in gray fume.

During the on-site environmental investigation of Krono wood industry, the PECC researchers smelled a pungent smell around Krono Wood Industry. this smell was not only pungent but also choked their throat, which once caused discomfort and dizziness of PECC researchers.

In order to further verify the real environmental pollution of Krono wood industry, In the Tuloutou village 500 meters west of Krono floor and Jilongdun village, PECC researchers visited many residents. In Tuloutou village, many villagers gathered to report that Krono Wood Industry often emits a pungent and unpleasant smell. Smelling this smell for a long time will make people feel dizzy, disgusting and even make their eyes uncomfortable.



Figure 3. On site gas emission of Krono Wood Industry



Figure 4. In the distance, the chimney of Krono Wood Industry is emitting pungent smoke



Figure 5. PECC researchers visited residents of Tuloutou Village



Figure 6. PECC researchers visited residents of Jilongdun Village

Krono Wood Industry has been repeatedly complained by residents

In order to further confirm the problem of waste gas disturbing residents of Krono Wood Industry, PECC researchers visited Danyang ecological environment bureau to understand the complaint of residents about the waste gas emission of Krono Wood Industry. Danyang Ecological Environment Bureau told the researchers that in recent two years, more than 120 letters and visits have been accepted on the environmental petition platform to deal with the problem of waste gas nuisance from Krono Wood Industry, excluding the

problems reflected on other platforms, they all reflect the problem of waste gas pollution nuisance from Krono Wood Industry and these problems have been confirmed to be true.



Figure 7. PECC researcher visited Danyang Ecological Environment Bureau

The environmental problems of Krono Wood Industry have been listed as supervision cases by the Central Environmental Protection Inspector review

In 2018, the central environmental protection inspector verified that "Krono Wood Industry emits pungent smell and disturbs residents", and the results showed that:

1. Krono (Jiangsu) Wood Industry Co., Ltd. (hereinafter referred to as "Krono Wood Industry") is located at No. 2, Xingang Road, Danyang Development Zone. The company is mainly engaged in the processing and production of wood MDF with an annual output of 50000 cubic meters.
2. On June 26, the environmental supervisors of Danyang Environmental

Protection Bureau went to the site for investigation. During the on-site inspection, the MDF workshop of Krono Wood Industry was in production and the waste gas treatment facilities were in operation.

3. The unorganized waste gas collection and treatment unit of Krono Wood Industry sewage treatment station has been completed and put into use at the end of March 2018.

4. On May 10, 2018, Danyang Environmental Protection Bureau entrusted a third-party qualified testing unit to monitor the waste gas of Krono Wood Industry, and the monitoring results showed that it met the standards.

5. Due to the special smell contained in the wood itself, under the adverse diffusion climate conditions such as low air pressure and cloudy and rainy weather, the peculiar smell generated in the cooking and drying process of Krono Wood Industry still has an impact on the surrounding environment.

受理编号：D320000201806240018

交办问题基本情况：

镇江丹阳市开发区北二环路的柯诺木业有限公司，排放刺鼻气味扰民。

污染类型：大气

调查核实情况：

1.柯诺（江苏）木业有限公司（以下简称‘柯诺木业’）位于丹阳市开发区新港路2号，该公司主要从事年产5万立方米木质中密度纤维板加工生产。2.6月26日，丹阳市环保局环境监察人员赴现场调查。现场检查时，柯诺木业中纤板车间在生产，废气处理设施在运行。中纤板生产工艺为：上料→剥皮→切片→筛分→蒸煮→热磨→调胶→干燥→分选→铺装→热压→横切→冷却→仓储→砂光→锯切→成品。3.柯诺木业热能炉(树皮、木屑为燃料)废气经过多管除尘器除尘后引入干燥系统（余热烘干）干燥，再经过二套旋风除尘器除尘后通过二根40米高的排气筒排放（主旋风废气处理系统）；锯切工段产生的粉尘经布袋除尘器处理后，通过15米高排气筒排放，收集的粉尘输送至热能炉焚烧；热磨工段产生的蒸汽和纤维一般情况下进入主旋风废气处理系统处理，在蒸汽压力波动或故障状态下由启动旋风机处理，处理后蒸汽排放外环境，纤维进入沉降室（采取了密闭、围挡等措施）。4.柯诺木业污水处理站无组织废气收集处理装置已于2018年3月底建成并投入使用。5.2018年5月10日，丹阳市环保局委托第三方资质检测单位对柯诺木业废气进行了监测，监测结果显示符合标准。6.由于木材自身含有的特殊气味，在气压低、阴雨天气等不利扩散气候条件下，柯诺木业蒸煮、干燥过程中产生的异味对周边环境仍有影响。

是否属实：基本属实

处理和整改情况：

针对现场情况，丹阳市环保局要求柯诺木业：1.进一步优化生产工艺，正常生产时必须保持废气处理设施正常运行，确保做到废气达标排放。2.定期维护废气收集处理设施，进一步采取有效措施，减少无组织粉尘排放。丹阳市环保局已安排对柯诺木业有组织废气、厂界无组织废气再次进行监测（计划2018年7月15日前完成），根据监测结果做进一步处理。柯诺木业已聘请了江苏环保产业技术研究院编制了《柯诺（江苏）木业有限公司环保治理现状调查及整改方案》，目前，正在按照方案实施整改。

Figure 8. Krono Wood Industry was listed as the case assigned by the central environmental protection supervision group

Krono Group enterprise environmental pollution is not an isolated case

As early as June 2009, Krono (Beijing) Wood Industry Co., Ltd. was complained

of disturbing residents due to environmental pollution (Figure 9). According to foreign media reports, Krono Wood Industry has also been punished for environmental pollution in Britain (Figure 10) and Russia (Figure 11).



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柯诺北京木业被指污染环境

<http://www.sina.com.cn> 2009年06月15日 07:17 **京华时报**

居民集体表不满希望工厂搬离市区

本报讯(记者 彭科峰 实习记者 刘浩宇) 昨天上午, 丰台区大红门建欣苑等7个小区的200余名居民聚集在柯诺(北京)木业有限公司(以下简称柯诺木业)门前, 抗议该公司长期排放粉尘、废气和产生低频噪音, 要求该工厂搬迁。

赵先生是丰台区建欣苑小区4号院居民。据他介绍, 柯诺木业1999年在小区附近的大红门西路4号建厂投入运营。从2004年开始, 空气中时常有刺鼻的酸味。每逢开窗, 家中的地板上就经常会落上一层黄色的粉末。

记者了解到, 北京市环保局和丰台区环保局于2007年曾介入调查此事。工作人员发现, 粉尘和酸性气体都是由与建欣苑小区隔着一条马路的柯诺木业排放。不仅如此, 柯诺木业还存在低频噪音扰民的问题。2007年, 北京市环保局对检查出的问题进行了处罚并责令柯诺木业限期整改。

赵先生说, 市环保局进行查处后, 周围的环境有了一些改观, “但现在又和原来一个样了”。

昨天上午, 建欣苑、远洋自然、西马金润等附近7个小区的200余名居民来到柯诺木业门前, 要求工厂负责人出面对话, 尽快解决污染问题。居民们认为, 作为一个对环境有污染的企业, 柯诺木业应该搬出市区, 以免影响周围居民的生活。


记者就此事与柯诺木业取得联系, 一名工作人员称, 对外联系的事情应由颀彬(音)负责, 他们不便答复。记者按对方提供的号码拨通了颀彬电话, 但一直无人接听。

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Figure 9. Krono Beijing Wood Industry environmental pollution report

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REPORT

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Kronospan fined &#pound;60,000 for water pollution offences

North Wales chipboard manufacturer Kronospan has been fined &#pound;60,000 for eight offences including repeated breaches of its discharge consent and integrated pollution control (IPC) authorisation. In the worst incident, oil leaked into the river Dee after the company used an emergency bunded area to temporarily store oil.

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Kronospan fined &#pound;80,000 for contaminating sewer

By [Jonny Drury](#) | [Chirk](#) | Published: Apr 30, 2019 | Last Updated: Apr 30, 2019

Wood panel manufacturer Kronospan has been fined &#pound;80,000 for contaminating a public sewer.

Figure 10. Kronospan fined &#pound; 140000 for polluting sewers in Britain

КРОНОСПАН, УХОДИ! ЕВРОПЕЙСКИЙ ЗАВОД ОТРАВЛЯЕТ ЭКОЛОГИЮ РОССИИ



Дата публикации: 19.11.2019
Автор: Трусов Фёдор,
Редактор: Островский Николай



Figure 11. Report on excessive emissions from Kronospan plant in Russia

Kronospan should pay attention to the environmental management of its factory Krono Wood Industry. Kronospan, founded in 1897, is the world's largest wood-based panel manufacturer. According to the special environmental section on the official website, the group attaches great importance to environmental impact and has ensured that the minimum concentration of pollutants is discharged into the environment (Figure 12). This commitment seems to contradict reality.

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Environment

Our journey to low emission products

Respect for nature & its materials

FSC®, PEFC Certification

Environment

Ensuring renewable and sustainable resources

At Kronospan, we are proud of the environmental role we play in the overall wood supply chain. By producing wood-based panels using wood residue from the sawmill industry, we help to ensure that timber is valued as a limited raw material.

For us, setting high environmental standards comes naturally. A world leader in technical development, we aim to get the highest possible yield from our input materials. The result is cost-effective production with the lowest environmental impact possible.

We supply wood-based panels certified by the [Program for the Endorsement of Forest Certification schemes \(PEFC\)](#) or [Forest Stewardship Council® \(FSC®\)](#). These products use timber from verified well-managed forests, which ensures a renewable and sustainable resource.

Together with our suppliers, we strive to achieve the lowest possible environmental impact.

- We ensure the lowest possible environmental impact to soil, water and air
- We promote maximum recycling as well as accelerating recycling of wood residue from other producers
- We handle, use, store and destroy chemicals in safe, healthy and environmentally friendly ways

Kronospan is working towards a more sustainable wood-based panel industry. We ensure that suppliers do not use wood from national parks, natural preserves, virgin forests and other conservation areas.

We strive to achieve the lowest possible environmental impact

Our philosophy is to lead, not to follow

Figure 12. Kronospan's environmental commitment on the official website

It can be seen that Kronospan's global environmental responsibility has a management vacancy. We hope Kronospan will pay attention to its environmental responsibility. As the world's largest wood-based panel manufacturer, Kronospan will pay attention to ESG management, do a good job in environmental management of its subordinate factories and brands, help its downstream factories carry out environmental rectification, and be responsible for the health of residents around the factory.

Krono Wood Industry should abide by its environmental responsibility, do a good job in environmental risk assessment, reduce pollution emissions, and make the phenomenon of environmental pollution disturbing residents not repeat in Danyang.

We believe that only by practicing green supply chain management and truly realizing green production can Krono wood provide consumers with floor brand products that truly meet the concept of health and green!

On March 15, 2021, PECC United IPE sent a letter to Krono (Jiangsu) Wood Industry Co., Ltd. and Krono (Jiangsu) Flooring Co., Ltd. to explain to the public that waste gas disturbs residents. As of the release of this report, no response has been received.

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