

Exemption from provisions of Health and Safety at Work (Hazardous Substances) Regulations 2017

In accordance with section 220 of the Health and Safety at Work Act 2015 (the Act), I, Simon Humphries, Acting Deputy General Manager, Investigations and Specialist Services, exempts **Pan Pac Forest Products Ltd** from compliance with regulation 12.9 of the Health and Safety at Work (Hazardous Substances) Regulations 2017 for separation requirements of class 5.1.1 and class 5.1.2 oxidising liquids and gases from incompatible substances.

I do so –

- being satisfied that:
 - a. the extent of the exemption is not broader than is reasonably necessary to address the matters that gave rise to it; and
 - b. the exemption is not inconsistent with the purpose of the Act; and
- subject to the conditions on the following page:

This exemption takes effect on **8 October 2018** and expires on **8 October 2023** unless it is replaced sooner or revoked.

Signed at Wellington this ^{SHM} 8th day of October 20¹⁸



Simon Humphries
Acting Deputy General Manager, Investigations and Specialist Services
WorkSafe New Zealand

Conditions

It is recommended that this application be granted subject to the following conditions:

1. Pan Pac Forest Products Ltd must:
 - a. Ensure the common bund wall between the hydrogen peroxide tank and the sulphuric acid tank meets the crest locus¹ requirements for both these tanks.
 - b. Ensure the common bund wall between the hydrogen peroxide tank and the DTPA tank meets the crest locus requirements for both tanks.
 - c. Ensure filling procedures for hydrogen peroxide:
 - i. shut off pumping at the high level alarm; and
 - ii. prevent the likelihood of hydrogen peroxide and sulphuric acid load-in through the wrong load-in point.
2. Pan Pac Forest Products Ltd must implement:
 - a. monthly inspection and maintenance of the common bund wall
 - b. monthly inspection and maintenance of the sulphuric acid and DTPA fill pipework
 - c. continuous monitoring of the temperature of the peroxide tank and provide tank cooling if the liquid is within 15°C of its decomposition temperature (50°C).
3. Pan Pac Forest Products Ltd must provide a copy of this decision to any compliance certifier engaged to issue a location compliance certificate for the hydrogen peroxide installation or a stationary container system compliance certificate for the hydrogen peroxide, sulphuric acid or DTPA tanks.
4. The exemption is revoked if:
 - a. there is a change to the layout of the tank installation as submitted with the application; or
 - b. there is a change in substances held in the tanks; or
 - c. any of the conditions are not complied with.

¹ See <https://worksafe.govt.nz/topic-and-industry/hazardous-substances/guidance/hazardous-substances-cop/> HSNOCOP 47 Appendix 12 for Crest locus requirements (prevention of jetting failure mode).