

29 MAR 2018

File Ref: 18/00125

Peter Ford
fyi-request-7350-6277f7d2@requests.fyi.org.nz

Dear Peter,

I refer to your request dated 1 March 2018, made under the Official Information Act 1982 (OIA) in which you requested the following information:

A copy of the Location Compliance Certificate and any periodic renewals. Evidence that WorkSafe have a copy of the safety standard "Inadvertent Ignition of Flammable Atmospheres by Radio Frequency Radiation" and have applied the recommended initial assessment test, knowing that Nitro-Cellulose Film is highly flammable and while gradually decomposing produces both Methane and Hydrogen gases which are suddenly released from the opening of the metal film cans during an annual inspection process (a time when the risk of sparking is greatest). Evidence that WorkSafe have considered the increased risk of lightning induced damage to the vault electrical systems due to the location close to a very tall mast (an example is the destruction of the Wellington Zephometer wind wand).

Please find a copy of the current Hazardous Substances Location Test Certification issued to Ngā Taonga Sound and Vision attached with this letter. The certificate expires 24 May 2018.

WorkSafe has not obtained a copy of the safety standard "*Inadvertent Ignition of Flammable Atmospheres by Radio Frequency Radiation*", as it is not mandatory that this safety standard is required to be followed. As per previous correspondence, it is considered that Ngā Taonga Sound and Vision have adequately addressed the radio frequency risk at this point. Should construction of a new radio mast proceed this will be subject to a resource consent and any risks associated with the new mast should be assessed during the consenting process.

It is WorkSafe's opinion that additional lightning protection is not a mandatory requirement for the storage of nitrocellulose based film at this site. It is considered that Ngā Taonga Sound and Vision have adequately assessed their risk, and the site is compliant with the Hazardous Substances (Classes 1-5 Controls) Regulations.

Yours sincerely



Simon Humphries
Acting Deputy General Manager
Investigations and Specialist Services