

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 of WorkSafe New Zealand, exempt **New Zealand Antarctic Institute** from compliance with regulations 2.5, 2.6, 2.10, 8.1, 10.26, 10.30, 10.32, 10.34 and 10.37 of the Health and Safety at Work (Hazardous Substances) Regulations 2017 for the transport, use and storage of unleaded petrol (Mogas, class 3.1A), Premixed 2-stroke (class 3.1A) and kerosene (AN8, class 3.1C) fuels by New Zealand Antarctic Institute in the Antarctica field environment, where the field environment is defined as outside Scott Base and McMurdo Station.

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 specified on the following page:

This exemption takes effect on **10 October 2018** and expires on **10 October 2023** unless it is replaced sooner or revoked.

Signed at Wellington this 10..... day of October..... 2018



Simon Humphries

Acting Deputy General Manager Investigations and Specialist Services

WorkSafe New Zealand

Exemption Conditions

The exemption is granted to New Zealand Antarctic Institute to be exempt for regulations 2.5, 2.6, 2.10, 8.1, 10.26, 10.30, 10.32, 10.34 and 10.37 of the Health and Safety at Work (Hazardous Substances) Regulations 2017 for the transport, use and storage of unleaded petrol (Mogas, class 3.1A), Premixed 2-stroke (class 3.1A) and kerosene (AN8, class 3.1C) fuels in the field environment of Antarctica, where the field environment is defined as outside Scott Base and McMurdo Stations, subject to the following conditions:

1. New Zealand Antarctic Institute must only use flexible fuel bladders that have been manufactured by ATL and to the military specification Mil-T-52983.
2. New Zealand Antarctic Institute must ensure the flexible fuel bladders are limited to holding kerosene fuel (AN8, class 3.1C) only.
3. New Zealand Antarctic Institute must provide information, training and instruction to all relevant personnel on the Antarctica New Zealand Spill Prevention and Response Plan.
4. New Zealand Antarctic Institute must follow the international Antarctica protocol of using blue flags to identify all fuel cache installations.
5. New Zealand Antarctic Institute must maintain and follow the Antarctica New Zealand FU-008 - Field fuel standard handling procedures standard operating procedure relating to fuel installations.
6. New Zealand Antarctic Institute must ensure all relevant personnel are trained on the Antarctica New Zealand FU-008 Field Fuel Handling Procedures standard operating procedure relating to fuel installations.
7. New Zealand Antarctic Institute must maintain and follow the Antarctica New Zealand Traverse: 2 hourly checks standard operating procedure when transporting, using and storing fuel in the field.
8. New Zealand Antarctic Institute must ensure all relevant personnel are trained on the Antarctica New Zealand Traverse: 2 hourly checks standard operating procedure.
9. New Zealand Antarctic Institute must maintain and follow the Antarctica New Zealand Traverse: Bladder cache standard operating procedure when establishing fuel caches and must ensure each fuel cache has only one fuel bladder.
10. New Zealand Antarctic Institute must ensure all relevant personnel are trained on the Antarctica New Zealand Traverse: Bladder cache standard operating procedure.
11. New Zealand Antarctic Institute must maintain and follow the Antarctica New Zealand Traverse: Drum cache standard operating procedure when establishing fuel caches.
12. New Zealand Antarctic Institute must ensure all relevant personnel are trained on the Antarctica New Zealand Traverse: Drum cache standard operating procedure.
13. New Zealand Antarctic Institute must maintain and follow the Antarctica New Zealand Traverse: Bladder response standard operating procedure.
14. New Zealand Antarctic Institute must ensure all relevant personnel are trained on the Antarctica New Zealand Traverse: Bladder response standard operating procedure.
15. The exemption is revoked if any of the conditions are not complied with.