

























# MOONLIGHT RANGE WIND FARM







## Advisory Note AN-004

### Extinguishment of Li-Ion Battery Fires

This advisory note provides important information regarding the evaluation and verification of evidence of conformity for the extinguishment of Li-Ion batteries under the CSIRO Verification Services' ActivFire® Scheme.

With increasing usage of Li-Ion batteries in our daily lives, there has been an increase in documented fires, both in Australia and globally, caused by failure of Li-Ion batteries. Some of these fires have caused serious damage to properties in Australia, while fatalities have occurred overseas, throwing a spotlight onto the safety of Li-Ion batteries.

While a number of Li-Ion battery fire extinguishment solutions have been proposed globally, no Australian Standard has been published to provide performance requirements for the extinguishment of fires related to Li-Ion batteries.

In Australia, the Australia Competition and Consumer Commission (ACCC) sets out a list of mandatory standards to make particular safety or information features on products compulsory for legal supply of the product into the Australian market. This includes portable aerosol fire extinguishers and portable non-aerosol fire extinguishers. More information can be found here: <https://www.productsafety.gov.au/product-safety-laws/safety-standards-bans/mandatory-standards>.

Accordingly, CSIRO Verification Services' ActivFire® Scheme advises its stakeholders that it *has not and will not* certify, and thus provide a Certificate of Conformity, that any fire extinguisher can effectively extinguish a Li-Ion battery fire.

CSIRO Verification Services' ActivFire® Scheme supports the development of an Australian Standard and/or acceptance of an internationally recognised Standard that includes performance requirements for the extinguishments of Li-Ion battery fires and will continue to work with key stakeholders in the development of such a Standard.

Please contact your local fire brigade in the case of a Li-Ion battery fire.

#### Issuing Authorities

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## COMMONWEALTH PFAS BAN

**Solar Panels + the Electrical Wiring sourced from China are both coated in PFOS (Perfluorooctane Sulfonate or Perfluorooctane Sulfonic Acid) listed as a Toxic Contaminant in the updated Australian Drinking Water Guidelines.**

**Lithium-ion Batteries are also a Toxic PFAS Contaminant.**

**Due to these 'Forever Chemicals' being linked to cancer, birth defects, liver disease, thyroid disease, plummeting sperm counts and a range of other serious health problems the Commonwealth Government has effectively banned the import, use and manufacture of some of the more prominent types of PFAS (PFOS, PFOA and PFHxS) from 1 July 2025.**

**(21 Feb 2024)**





**Unreliable, Intermittent,**  
**Solar/Wind/BESS are**  
**NOT IN THE INTERESTS**  
**OF CONSUMERS -**  
**DEFYING NATIONAL**  
**ELECTRICITY LAW**  
**OBJECTIVES OF:-**

**\*PRICE, QUALITY,  
SAFETY, RELIABILITY &  
SECURITY OF SUPPLY  
OF ELECTRICITY.**

**\*THE RELIABILITY,  
SAFETY & SECURITY OF  
THE NATIONAL  
ELECTRICITY SYSTEM.**



**1. NEW MODERN SLAVERY CONDITION-**  
requiring proof prior to construction that  
NO Slave Labour supply chain  
components be used in construction.

**\*\*New Condition Inserted C4A - Dealing  
With Modern Slavery.**

Commonwealth Modern Slavery Act 2018

\*NSW Local Council Act 1993

428 Annual Report

438 ZE Duty to Ensure Goods & Services  
Are Not Procured From Modern Slavery.

**2. AMENDED STORM WATER  
MANAGEMENT PLAN CONDITION re-  
CONTAMINATION – QUALIFIED TESTING/  
REPORTING, CONTAMINATION  
RESPONSE PROCEDURE, etc.**

**\*\*Amended Condition C8.**



**The Recently Updated National Health  
and Medical Research Council (NHMRC)  
Review of PFAS for AUSTRALIAN  
DRINKING WATER GUIDELINES includes:**

- \*perfluorooctanoic acid(PFOA);
- \*perfluorooctane sulfonic acid (PFOS);
- \*perfluorohexane sulfonic acid (PFHxS);
- \*perfluorobutane sulfonic acid (PFBS)
- \*hexafluoropropylene oxide dimer acid  
and its ammonium salt (GenX chemicals).

TOXIC

Renewable BULLS  
ARE THE ASBESTOS  
OF THE FUTURE

**The PFOS of Wind Energy is Bisphenol A**  
**Shedding from Wind Turbine Blades**  
**Lethal to Young Children & as Toxic as**  
**Blue Asbestos**

**\*\*COMMONWEALTH PFAS BAN**

Some types have been found to be toxic to human health and the environment. In its most definitive regulatory action taken to date, the Commonwealth has effectively banned the import, use and manufacture of some of the more prominent types of PFAS (PFOS, PFOA and PFHxS) from 1 July 2025.

(21 Feb 2024)



## LPA Accreditation

### Food safety on your property

Question: 2.8

Do livestock have access to leaking electrical transformers, capacitors, hydraulic equipment, solar panels, wind turbines, coal seam gas structures or coal mine wastes?

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- ☐ Yes
- ☐ No
- ☐ I am now aware and making plans to restrict access.

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Save and continue

Select your answer and then click 'Save and continue' to continue