

Electrical Standards

Advisory Note

October 2019
DOC/19/76480

New Standard for Battery Storage Systems

A new Australian / New Zealand standard has been published on 11 October 2019.

AS/NZS 5139:2019 *Electrical Installations – Safety of battery systems for use with power conversion equipment*

This standard will be mandatory from the 11 January 2020. It supersedes AS 4086.2:1997 Secondary Batteries for use with stand-alone systems, part 2: Installation and maintenance.

Why has this change occurred?

The advancement in battery storage technology, contemporary work practices and changes to other related standards have driven the need for a new modern and applicable standard.

Who does this requirement apply to?

Electrical Contractors installing battery storage systems connected to power conversion equipment.

What are the requirements?

From 11 January 2020, installations of battery storage systems are required to comply with this new standard. Electricians installing battery systems will need to become familiar with the requirements contained within the standard prior to quoting for installations that could be affected by the requirements.

A copy of the standard can be purchased from <https://infostore.saiglobal.com/> or enquire at your trade association.

More information about the sale of electrical appliances and equipment in Tasmania is available at www.cbos.tas.gov.au

Document Development History

Version	Application Date	Sections amended
1.0	16/10/2019	Original release

This document has been produced and published by the Consumer, Building and Occupational Services Division of the Department of Justice. Although every care has been taken in the production of the work, no responsibility is accepted for the accuracy, completeness, or relevance to the user's purpose, of the information. Those using it for whatever purpose are advised to verify it with the relevant government department, local government body or other source and to obtain any appropriate professional advice. The Crown, its officers, employees and agents do not accept liability however arising, including liability for negligence, for any loss resulting from the use of or reliance upon the information and/or reliance on its availability at any time.