New Regulations for DC Isolators

From 30 June 2018 all DC Isolators for connection to the wiring of a household photovoltaic (PV) electrical installation, other household renewable energy installation, or household energy storage installation must be certified, marked and approved in accordance with the Electricity Industry Safety and Administration Act 1997 before being sold in Tasmania.

Why has this change occurred?

Around Australia, there have been a number of investigations into house fires where the cause was found to be related to failures with DC Isolators used with PV Array solar systems.

What are the requirements?

Prior to being sold in Tasmania, electrical articles defined in the Australian Standard AS/NZS 4417.2:2012 Amdt 4:2017 Regulatory Compliance Mark for Electrical and Electronic Equipment must, before sale:

- be approved
- be marked to indicate approval; and
- comply with its relevant Australian Standard.

Regulatory Compliance Mark (RCM)

The RCM shows that equipment sold by a responsible supplier complies with regulations in Australia and New Zealand. As DC Isolators have changed from a Level 1 Product to a level 3 Product, The mark alone is not sufficient.

To verify your product has nationally recognised certification Search the database located at:

https://equipment.erac.gov.au/Public/
Who does this requirement apply to?

- Product sellers
- Importers
- Wholesalers
- Retailers
- Electrical Contractors

What do I do with old stock?

The change was published in June 2017. This has given suppliers substantial notice to comply. Stock that does not meet the requirements may not be sold, until it is shown to comply with the standard, is marked and approved for sale.

In Tasmania from 30 June 2018, all stock sold must be marked to show approval and compliance with the relevant electrical safety standard.

More information about the sale of electrical appliances and equipment in Tasmania is available at:

www.cbos.tas.gov.au