

# SIGN8.1.1 – Information Sheet

Date published: 26 March 2026

Version 1.0

## Overview

**CER Checklist item: SIGN8.1.1**

d.c. isolator/s near inverter and the array are not appropriately signed.

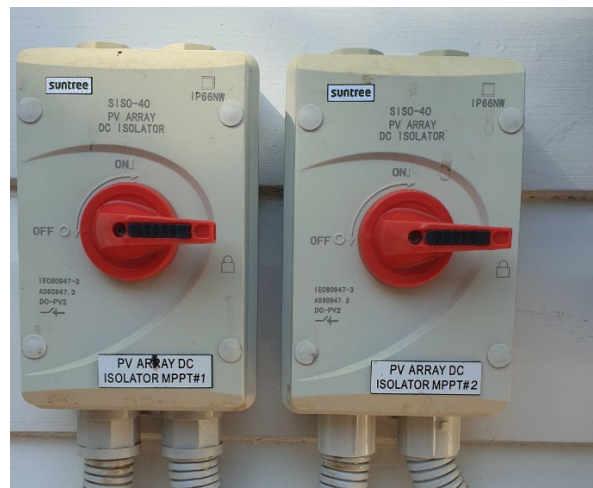
**Standards reference:** AS/NZS 5033:2021 Clause 5.5, AS/NZS3000:2018 Clause 2.3.4.4.

## 1. Introduction

SAA has analysed Clean Energy Regulator (CER) inspection data to identify the most common areas of non-compliance. Based on these insights, we have developed educational resources that highlight where issues typically arise and offer practical guidance to support installers in achieving compliance. This document should be read in conjunction with the relevant Standard(s).

**SIGN8.1.1 shall comply with the requirements of AS/NZS 5033:2021 5.5, AS/NZS3000:2018 CI 2.3.4.4.**

This document outlines the key requirements for correct installation of equipment and includes examples of observed non-compliances to highlight common installation errors and help prevent their recurrence.



**Figure 1: Compliant sign affixed in a prominent location.**

## 2. Key Requirements for compliant SIGN8.1.1

### AS/NZS 5033:2021 Clause 5.5 Labelling/signs for disconnection device

#### 5.5.1 General

Load break disconnection devices shall be marked with an identification name or number consistent

with terminology used in the shutdown procedure.

All switches shall clearly and reliably indicate the isolating position of the device.

NOTE The symbols “O” (off) and “I” (on) are deemed to satisfy this requirement.

#### 5.5.2 PV disconnecting device

##### 5.5.2.1 Load break disconnection device

Load break disconnectors shall be provided with a sign affixed in a prominent location with the following text:

#### **PV ARRAY d.c. ISOLATOR**

NOTE See Figure A.4(a).

Where multiple isolation/disconnection devices are used that are not ganged (see Clause 4.5.4.2) the following sign shall be fixed adjacent to the PCE and have a warning label containing a warning symbol and stating:

#### **WARNING: MULTIPLE d.c. SOURCES**

#### **TURN OFF ALL d.c. ISOLATORS TO ISOLATE EQUIPMENT**

NOTE See Figure A.4(b).



*Figure 2: Compliant label for PV Array d.c. isolator.*



*Figure 3: Compliant warning label where multiple isolation/disconnection devices are used that are not ganged.*

### AS/NZS 3000:2018 Clause 2.3.4.4 Identification

Isolating switches required by this Clause (Clause 2.3.4) shall be legibly and permanently identified, e.g. by marking, to indicate the circuits that they isolate.

Where, for functional reasons, a circuit for the control of an isolating device cannot be isolated in a distribution board or a switchgear assembly, a warning notice with suitable wording shall be affixed to that board or assembly.

Where the operation of a switch automatically brings into service an alternative supply, the purpose of the switch shall be marked accordingly.

## 3. Common non-compliances identified with this CER checklist item

### 3.1 PV Array DC isolator at inverter or array not appropriately signed



**Figure 4: Non-compliant as no sign has been affixed to identify the Integrated PV Array d.c Isolator.**

- a) **Non-compliance:** It is frequently observed that installers fail to install the required label/s, despite it forming a **critical component of the system shutdown procedure**. The absence of required label/s compromises the ability of maintenance personnel, homeowners, and emergency services to quickly and safely identify the correct isolation steps, increasing risk during maintenance activities and emergency response situations.
- b) **Best Practice:** Installers should ensure the required label is installed as part of the **system commissioning and handover process**, rather than treated as an optional or post-installation task. The label must be permanently fixed in the correct location, clearly visible, and aligned with the shutdown procedure used on site. Verifying that all shutdown-related labels are present, legible, and consistent with installed isolation equipment before leaving site helps ensure safe operation for homeowners, maintenance personnel, and emergency services, and reduces the likelihood of defects being raised during inspection.



**Figure 5: Compliant label has been affixed to identify the d.c Isolator.**