

# **Rooftop PV System Inspection Checklist**

Anon / Anon / Anon / Anon Com				Complete	
Score	143 / 186 (76.88%)	Flagged items	8	Actions	16
Project Inf	fo				
Client					Anon
Site Addro	ess				Anon
System D	esigner				Anon
System In	nstaller				Anon
Solar Info					
DC Solar (	Capacity (kW)				100
AC Solar Capacity (kW) 100			100		
PV Modul	e Make & Model			Trina 500	0W tsm-500DE18M(II)
Solar Inve	erter Make & Model				SMA core 1 50kW x2
Solar Rac	king Type				schletter
Battery In	fo				
Battery Capacity (kWh) -					
Battery C	Battery Converter Power (kW)				

Battery Make/Model

**Converter Make/Model** 

\_

-

# **Table of Contents**

Flagged items & Actions	3
Checklist - 143 / 186 (76.88%)	8
System Documentation (Pre-inspection)	8
Solar Array Checks - 58 / 85 (68.24%)	8
Panel Layout - 7 / 13 (53.85%)	8
Solar Racking - 15 / 31 (48.39%)	9
DC Cabling - 21 / 26 (80.77%)	11
DC Isos, Combiners, Disconnectors - 15 / 15 (100%)	13
Solar Inverter Checks - 38 / 50 (76%)	14
Physical Location - 17 / 22 (77.27%)	14
Design - 18 / 18 (100%)	15
Comms & Labeling - 3 / 10 (30%)	15
PV Distribution Board - 28 / 28 (100%)	16
Physical Location - 11 / 11 (100%)	16
Electrical Equipment - 12 / 12 (100%)	17
Labelling - 5 / 5 (100%)	17
Connection Point Checks - 19 / 23 (82.61%)	18
Solar Circuit Breakers - 7 / 7 (100%)	18
Cabling - 5 / 5 (100%)	18
Labelling - 7 / 11 (63.64%)	18
Sign-off	20
Audit Completed By	20
Audit Reviewed By	20
Media summary	21
	25

safetyculture.

#### **Flagged items & Actions**

#### Flagged items

Checklist / Solar Array Checks / Panel Layout

#### No panels are installed in exclusion zones shown on structural certification

Upon review some panels on the eastern face appeared to be within the purple zone of the roof from the structural engineering. This zone required 3 rails however 2 were uses.

It appears possible that a couple of the panels are in the red zone which no panels were to be installed but exact measurements were not take during the audit on site.









Photo 3

Photo 5

To do | Priority: High | Due: 10.03.2024 23:19 UTC | Created by: Soma Young

#### Ensure panels are not in corner zones

Installer to ensure no panels are located in the red corner zones. If any panels are located here they are to be moved.

To do | Priority: Medium | Due: 10.03.2024 23:20 UTC | Created by: Soma Young

#### Ensure panels in purple zone have 3 panels

Installer to either: a) move panels from purple zone to another zone. b) reinstall panels in purple zone with 3 rails.

Checklist / Solar Array Checks / Solar Racking

#### Correct panel clamps are used and are installed inside panel clamping zones

No (Major)

Panel clamps were often outside of panel clamping zones from panel installation manual (350-450mm). From what was measured and what was discussed with the installer onsite 200-600mm was used. Also 1 panel appeared to have its mid clamps not appropriately tightened.











To do | Priority: High | Due: 10.03.2024 23:25 UTC | Created by: Soma Young

#### Ensure all Clamps are Appropriately tightened

Installer to ensure all clamps are appropriately tightened.

To do | Priority: Medium | Due: 10.03.2024 23:28 UTC | Created by: Soma Young

8 flagged, 16 actions

8 flagged, 11 actions



#### Panel Clamp Zones

Installer to either: a) get written permission from Trina to use 200-600mm clamp zones for this install. b) reinstall all panels within acceptable clamp zones

Checklist / Solar Array Checks / Solar Racking

#### Protection earthing correctly installed for equipotential bonding (eg. earth cables, earth weebs/washers, earth lugs/clamps, no self-tapping screws, gal spray)

No (Major)

Some sections of metal cable tray containing DC cables were not earthed. 4mm earth was used for all array frame and rail earthing. I believe the inverters used were non-separated PCE with powered neutral. If no overcurrent protection is used the inverters earth cable size must be used (see table 4.6 and figure 4.13 from 5033).



Photo 11

To do | Priority: Medium | Due: 10.03.2024 23:36 UTC | Created by: Soma Young

#### Ensure correct earth cable size is used

Installer to either: a) replace all array frame earth cable with the same size as the inverter. b) install DC overcurrent protection to allow smaller cable.

To do | Priority: Medium | Due: 10.03.2024 23:36 UTC | Created by: Soma Young

#### Earth all DC cable tray

Installer to earth all DC cable tray

Checklist / Solar Array Checks / Solar Racking

# Galvanic isolation such as rubber is used between frame footings and roof sheeting (if required)

Kliplok clamps used did not have any rubber stopper preventing contact with the roof sheets.



Photo 12

To do | Priority: Low | Due: 10.03.2024 23:42 UTC | Created by: Soma Young

#### Provide manufactures declaration

Installer to provide a manufactures declaration that this is fine and warranties will be upheld.

Checklist / Solar Array Checks / DC Cabling

### String cables are clipped, or cable tied off roof surface

In multiple locations string and earth cables were not appropriately secured and touching the roof.













No (Minor)

Photo 19

To do | Priority: Low | Due: 10.03.2024 23:49 UTC | Created by: Soma Young

#### Secure string cables

Installer to secure string cables such that they are not in contact with the roof.

Checklist / Solar Inverter Checks / Physical Location

### Inverters are adequately shaded from direct sunlight

Inverters are installed in direct sunlight.



To do | Priority: Medium | Due: 11.03.2024 00:05 UTC | Created by: Soma Young

#### Ensure no issues due to direct sunlight

Installer to either:

a) install a shad to cover the inverters from direct sunlight.

b) provide a manufactures declaration from SMA that this installation was fine and the warranty will hold.

Checklist / Solar Inverter Checks / Comms & Labeling

#### Shutdown procedure signage has:

#### "WARNING: PV ARRAY D.C. ISOLATORS DO NOT DE-ENERGISE THE PV ARRAY AND ARRAY CABLING"

This sign was not on the inverters.

To do | Priority: Low | Due: 11.03.2024 00:13 UTC | Created by: Soma Young

#### Add sign

Installer to add "WARNING: PV ARRAY D.C. ISOLATORS DO NOT DE-ENERGISE THE PV ARRAY AND ARRAY CABLING" sign next to shutdown procedures.

Checklist / Connection Point Checks / Labelling

At the MSB, meterbox and/or fire panel, there should be laminated or similarly protected plan showing the solar No (Minor)



Checklist / Solar Inverter Checks / Comms & Labeling

Where multiple DC disconnection devices installed, signage adjacent to inverter has:

N/A



#### "WARNING: MULTIPLE D.C. SOURCES. TURN OFF ALL D.C. ISOLATORS TO ISOLATE EQUIPMENT"

#### in black and yellow

This sign was in place however each inverter only had 1 DC isolator.

To do | Priority: Low | Due: 11.03.2024 00:17 UTC | Created by: Soma Young

#### Remove unneeded sign

Installer to remove the "WARNING: MULTIPLE D.C. SOURCES. TURN OFF ALL D.C. ISOLATORS TO ISOLATE EQUIPMENT" sign from the inverter as it is confusing and incorrect.

Checklist / Connection Point Checks / Labelling

#### Shutdown procedure is present on MSB & connection point.

No (OFI)

Shutdown procedure was not at MSB.

To do | Priority: Low | Due: 11.03.2024 00:23 UTC | Created by: Soma Young

#### Add Shutdown procedure to MSB

Installer to add shutdown procedure to MSB

safetyculture.com

Checklist	8 flagged, 16 actions, 143 / 186 (76.88%)
System Documentation (Pre-inspection)	
Earth Fault Alarm Actions	N/A
System Shutdown Procedure	N/A
Certificate of Electrical Compliance	N/A
Grid Connection Approval/Generator Deed	N/A
Roof Structural Certification	N/A
Mounting Frame Structural Certification	N/A
Recommended Maintenance Schedule	N/A
Equipment Documentation (Manuals & Specifications)	N/A
Contact Information for System Faults	N/A
As Built Drawing Set	N/A
System Testing & Commissioning Docs	N/A
Warranty Periods and/or Documents	N/A
System Performance Report	N/A
Panel Serial Numbers	N/A
Inverter Serial Numbers	N/A
Optimiser Serial Numbers	N/A
Solar Array Checks	5 flagged, 10 actions, 58 / 85 (68.24%)
Panel Layout	1 flagged, 3 actions, 7 / 13 (53.85%)
Array Cleanliness	Yes (OFI)
Panels physical locations match as built drawings	No (OFI)
Panel layout was mostly the same with some minor changes.	

To do | Priority: Low | Due: 12.03.2024 02:48 UTC | Created by: Soma Young

Provide updated as built drawings

safetyculture.com

Installer to Provide updated as built drawings

Panels are not installed in any obvious shaded areas	Yes (Minor)
Panels within the same string have the same tilt & Azimuth (not required for optimisers or micro-inverters)	Yes (Major)
Acceptable access ways are installed between rows of panels (min 300mm between every 2, 3 or 4 rows)	Yes (Minor)
Panels are installed at least 2m from live edges or have height safety in place (handrails, anchor points, etc.)	Yes (OFI)
No panels are installed in exclusion zones shown on structural certification	No (Major)

Upon review some panels on the eastern face appeared to be within the purple zone of the roof from the structural engineering. This zone required 3 rails however 2 were uses.

It appears possible that a couple of the panels are in the red zone which no panels were to be installed but exact measurements were not take during the audit on site.









To do | Priority: High | Due: 10.03.2024 23:19 UTC | Created by: Soma Young

#### Ensure panels are not in corner zones

Installer to ensure no panels are located in the red corner zones. If any panels are located here they are to be moved.

To do | Priority: Medium | Due: 10.03.2024 23:20 UTC | Created by: Soma Young

#### Ensure panels in purple zone have 3 panels

Installer to either: a) move panels from purple zone to another zone. b) reinstall panels in purple zone with 3 rails.

Solar Racking	3 flagged, 5 actions, 15 / 31 (48.39%)
There is no debris build-up under panels	Yes (Minor)
Equipment does not obstruct water drainage paths or promote accumulation of debris	Yes (Major)
Minimum 50mm gap between modules and roof	Yes (Minor)
Footings are installed as per mounting certification (footing spacings, over purlins, footing type, etc.)	Yes (Major)

#### Correct minimum rail overhang is present (1/2 of min footing space or specified on mounting cert)

#### Correct panel clamps are used and are installed inside panel clamping zones

Panel clamps were often outside of panel clamping zones from panel installation manual (350-450mm). From what was measured and what was discussed with the installer onsite 200-600mm was used. Also 1 panel appeared to have its mid clamps not appropriately tightened.

Powered by SafetyCulture . safetvculture











Photo 10

To do | Priority: High | Due: 10.03.2024 23:25 UTC | Created by: Soma Young

#### Ensure all Clamps are Appropriately tightened

Installer to ensure all clamps are appropriately tightened.

To do | Priority: Medium | Due: 10.03.2024 23:28 UTC | Created by: Soma Young

#### Panel Clamp Zones

Installer to either:

a) get written permission from Trina to use 200-600mm clamp zones for this install. b) reinstall all panels within acceptable clamp zones

#### Protection earthing correctly installed for equipotential bonding (eg. earth cables, earth weebs/washers, earth lugs/clamps, no self-tapping screws, gal spray)

No (Major)

Yes (Minor)

No (Major)

Some sections of metal cable tray containing DC cables were not earthed. 4mm earth was used for all array frame and rail earthing. I believe the inverters used were non-separated PCE with powered neutral. If no overcurrent protection is used the inverters earth cable size must be used (see table 4.6 and figure 4.13 from 5033).



Photo 11

To do | Priority: Medium | Due: 10.03.2024 23:36 UTC | Created by: Soma Young

#### Ensure correct earth cable size is used

Installer to either: a) replace all array frame earth cable with the same size as the inverter. b) install DC overcurrent protection to allow smaller cable.

To do | Priority: Medium | Due: 10.03.2024 23:36 UTC | Created by: Soma Young

Earth all DC cable tray

Private & confidential

Installer to earth all DC cable tray

#### Galvanic isolation such as rubber is used between frame footings and roof sheeting (if required)

Kliplok clamps used did not have any rubber stopper preventing contact with the roof sheets.



Photo 12

To do | Priority: Low | Due: 10.03.2024 23:42 UTC | Created by: Soma Young

#### Provide manufactures declaration

Installer to provide a manufactures declaration that this is fine and warranties will be upheld.

Any cuts in solar rail or cable tray must be gal sprayed.	Yes (Major)
All cable tray ends have been closed to avoid vermin/bird nesting.	No (OFI)

One end of cable tray was not closed however it is very minimal as the cable tray was short. This would just be an Opportunity for Improvement.



Photo 13

Galvanic isolation such as rubber is used between cable tray and solar rail/footings (any dissimilar metals)	Yes (Major)
Any external cable tray is hot-dipped galvanised	Yes (Major)
DC Cabling	1 flagged, 2 actions, 21 / 26 (80.77%)
MC4 plugs or similar are used to connect panels correctly	Yes (Major)
Connector pairings are the same type and from the same manufacturer	Yes (Major)
String cables are clipped, or cable tied off roof surface	No (Minor)

In multiple locations string and earth cables were not appropriately secured and touching the roof.



### Secure string cables

Installer to secure string cables such that they are not in contact with the roof.

Plastic cable ties are not used as a primary means of support	Yes (Minor)
Cables are effectively supported, routed, protected, and installed in a safe and tidy manner	No (OFI)

Some sections of DC cable tray were only supported in 1 location and had a significant wobble.

### IMG\_7931.MOV

To do	Priority: Medium	Due: 10.03.2024 23:50 UTC	Created by: Soma Young
-------	------------------	---------------------------	------------------------

### Secure cable tray

Installer to secure all cable tray with minimum 2 clamps

DC string cables are PV rated (check label)	Yes (Major)
DC Cables are all sized correctly (String, string return, sub-array, array) based on voltage drop and CCC with correct deratings	Yes (Safety)
Max DC voltage drop from array to inverter is <3%, with correct deratings (install method, ambient temp, etc.)	Yes (Minor)
DC cables are installed in UV-stabilised conduit or cable tray when exposed to sun	Yes (Major)
DC cables within buildings are installed in heavy-duty conduit (unless exception applies)	N/A
All DC cable runs have: "SOLAR" written on the exterior surface of the wiring system every 2m (cable trays, conduits, ducting).	Yes (Minor)
Where DC solar cables are installed inside ceiling space or accessible floor space, the following label is present next to the access point: "WARNING: HAZARDOUS D.C. VOLTAGE	N/A

safetyculture.com

Any DC Isolators/connection boxes have all plastic covers over screwholes (pips) in place.	N/A	
Any conduit joins or connections must be glued, if waterproofing required.	N/A	
Located under cable tray.		
Roof penetrations located under modules where possible, with flashing and sealant (eg. dektite)	Yes (Minor)	
Technically we prefer when the dektite is installed on the rib, not the flat section of kliplok as pooling can occur. The ribs were however reasonably thin compared to some of the cable entering it an the roof section was small such that not much water can build up.		
Any roof penetrations are installed correctly with the right type of dektite to ensure no water pooling & penetration is waterproof.	Yes (Major)	
DC Disconnection Points are accessible without tools	Yes (Minor)	
DC isolators/DC disconnection points located in a shaded and weatherproof enclosure (check IP rating of enclosure)	Yes (Safety)	
All DC isolators are sized correctly, located and installed as required for strings, sub-array and array (required for strings where more than 2 strings to each MPPT).	N/A	
Where cable glands are used, each individual cable core has a dedicated hole in the gromet (rubber seal).	N/A	
End of conduit is sealed using cable glands, where the cable connects to a roof penetration, disconnector device or other electrical equipment (check either end)	N/A	
Correct cable penetration into DC isolators/DC combiners to ensure water tight (through provided penetration plugs, bottom-entry or side-entry with cable curled downwards)	N/A	
DC Isos, Combiners, Disconnectors	15 / 15 (100%)	
Solar D.C. cables in conduit have been installed in this ceiling space. The conduit is labelled 'SOLAR' and care must be taken while working nearby. The internal solar D.C. cables may be live and must not be disturbed or damaged"		

Junction boxes or similar have:

"WARNING: HAZARDOUS D.C. VOLTAGE"

in black & yellow.

PV array DC disconnection devices/point signage has:

Yes (Minor)

"PV ARRAY D.C. ISOLATOR" or "PV STRING DISCONNECTION POINT" or similar	
PV Disconnection point has: "WARNING LOADS MUST BE ISOLATED AND CIRCUIT MUST BE TESTED FOR THE ABSENCE OF CURRENT BEFORE UNPLUGGING"	Yes (Minor)
Solar Inverter Checks	2 flagged, 4 actions, 38 / 50 (76%)
Physical Location	1 flagged, 1 action, 17 / 22 (77.27%)
Inverter Cleanliness	Yes (OFI)
No debris build-up around inverters	Yes (OFI)
Inverters are readily accessible (located somewhere that can be reached from standing)	Yes (Minor)
Inverter location is adequately ventilated (if indoors, check for air vents, fans, gaps for airflows, etc.)	Yes (Major)
Inverters are adequately shaded from direct sunlight	No (Major)

Inverters are installed in direct sunlight.





Photo 20

Photo 21

To do | Priority: Medium | Due: 11.03.2024 00:05 UTC | Created by: Soma Young

#### Ensure no issues due to direct sunlight

Installer to either:

a) install a shad to cover the inverters from direct sunlight.

b) provide a manufactures declaration from SMA that this installation was fine and the warranty will hold.

Inverters have appropriate weather protection (IP, humidity, altitude)	Yes (Major)
Inverter clearances are compliant with install manual	Yes (Major)
Inverters are mounted correctly with correct mounting frame	Yes (Minor)
Restricted access to inverters for authorised personnel only if DC voltage >600V (locked door, retractable ladder, security	Yes (Safety)

#### fencing, security cage on inverters, etc.)

Design	18 / 18 (100%)
Correct array and inverter matching for voltage, current and power (check inverter spec sheet)	Yes (Major)
Inverter DC isolators are compliant (if in-built check install manual, if external confirm size and compliance)	Yes (Major)
All cable connections to inverters are via correct inverter glands	Yes (Major)
Conduit or cable tray is used to transport cables to inverter connections (ie. minimal exposed cable)	Yes (Minor)
AC cables from inverters to PVDB are sized correctly (voltage rise and CCC)	Yes (Major)
If PVDB is not adjacent to inverters and with-in direct line-of-site, AC disconnection device/s are correctly sized and installed adjacent to the inverters (including enclosure, shading, weather protection, etc.)	Yes (Minor)

This would be debatable but it has passed as it is technically within 3m and direct line of sight as required by the standard. We would installing AC isolators in these circumstances as their is a considerable distance to walk to get off the roof and isolate the AC from the inverters.



AC/DC ratio is >0.75 for panel tilts >10° Yes (Minor) or AC/DC ratio is >0.80 for panel tilts  $\leq 10^{\circ}$ Comms & Labeling 1 flagged, 3 actions, 3 / 10 (30%) Inverter communications is in place (comms cables or N/A wireless dongle) Could not check on site No inverter faults/errors are present on inverter display or N/A LEDs Could not check on site Inverter monitoring platform is online and showing N/A generation data Could not check on site

Private & confidential



Shutdown procedure is present on Inverters.	Yes (Major)
Shutdown procedure signage has: "WARNING: PV ARRAY D.C. ISOLATORS DO NOT DE-ENERGISE THE PV ARRAY AND ARRAY CABLING"	No (Minor)

This sign was not on the inverters.

To do | Priority: Low | Due: 11.03.2024 00:13 UTC | Created by: Soma Young

#### Add sign

Installer to add "WARNING: PV ARRAY D.C. ISOLATORS DO NOT DE-ENERGISE THE PV ARRAY AND ARRAY CABLING" sign next to shutdown procedures.

Inverters have:	
"WARNING: HAZARDOUS D.C. VOLTAGE"	Yes (Minor)
in black & yellow.	
If system voltage is >600V, access door or gate to inverters has:	No (OFI)
"WARNING: HAZARDOUS VOLTAGE, AUTHORISED ACCESS ONLY"	

This note was not present on entry to roof.

To do | Priority: Low | Due: 11.03.2024 00:15 UTC | Created by: Soma Young

#### Add sign

Installer to add "WARNING: HAZARDOUS VOLTAGE, AUTHORISED ACCESS ONLY" sign on entry to roof.

Where multiple DC disconnection	devices installed,	signage
adjacent to inverter has:		

"WARNING: MULTIPLE D.C. SOURCES. TURN OFF ALL D.C. ISOLATORS TO ISOLATE EQUIPMENT"

#### in black and yellow

This sign was in place however each inverter only had 1 DC isolator.

To do | Priority: Low | Due: 11.03.2024 00:17 UTC | Created by: Soma Young

#### Remove unneeded sign

Installer to remove the "WARNING: MULTIPLE D.C. SOURCES. TURN OFF ALL D.C. ISOLATORS TO ISOLATE EQUIPMENT" sign from the inverter as it is confusing and incorrect.

#### PV Distribution Board

28 / 28 (100%)

N/A

safetyculture.com

Physical Location	11 / 11 (100%)
PVDB Cleanliness	Yes (OFI)
No debris build-up around PVDB	Yes (OFI)
PVDB is mounted correctly and safely (does not tip)	Yes (Major)
PVDB has compliant door clearances	Yes (OFI)
PVDB has appropriate weather protection (IP, humidity, altitude)	Yes (Major)
PVDB is shaded from direct sunlight (indoors, attached sunshield or external sun-shade)	Yes (Minor)
Electrical Equipment	12 / 12 (100%)
PVDB switches, contactors & circuit breakers are all sized correctly, to protect all cable CCCs	Yes (Safety)
Correct cable entry into PVDB for water proofing, via gland plate, plinth or similar.	Yes (Major)
AC cables from PVDB to connection point are sized correctly (voltage rise and CCC)	N/A
PVDB was connection point.	
Secondary protection relay is installed and operating with correct grid protection settings (check grid connection approval docs)	Yes (Major)
Grid approval was not yet received so could not check appropriate setting	gs were used
Solar Analytics meter is installed for generation & consumption monitoring and operational (to confirm site has been set-up on monitoring platform)	Yes (Minor)
It was installed however monitoring platform was not yet set up.	
PVDB is compliant with DNSP requirements and conditions for connection (connection point, safety switch, external SCADA, etc.)	N/A
Labelling	5 / 5 (100%)
Shutdown procedure is present on PVDB	Yes (Major)
Shutdown procedure signage has:	_N/A
"WARNING: PV ARRAY D.C. ISOLATORS DO NOT DE-ENERGISE	

THE PV ARRAY AND ARRAY CABLING"	
Solar PVDB signage has: "WARNING, MULTIPLE SUPPLIES. ISOLATE ALL SUPPLIES BEFORE WORKING ON THIS SWITCHBOARD"	Yes (Minor)
Connection Point Checks	1 flagged, 2 actions, 19 / 23 (82.61%)
Solar Circuit Breakers	7 / 7 (100%)
Solar circuit breaker/s at connection point is sized at less than derated cable CCC	Yes (Safety)
Solar circuit breaker/s is sized greater than operating current x 1.25	Yes (Minor)
Where possible, no more than two inverter supply circuit breakers are installed in a single switchboard with existing loads. If two inverter switches present, they must be grouped.	Yes (OFI)
Cabling	5 / 5 (100%)
AC voltage rise between inverters and grid point-of-supply is <2%	N/A
AC cables from Inverters to connection point are routed in a clean and tidy manner	Yes (OFI)
AC cables are brought into switchboard via a gland plate or similar	Yes (OFI)
AC cables are terminated onto solar circuit breakers correctly (onto dedicated tabs, bimetallic lugs used for Aluminium cables, etc.)	Yes (Major)
Fire proofing of wall penetrations and roof penetrations along cable route has been done where required.	N/A
Labelling	1 flagged, 2 actions, 7 / 11 (63.64%)
Site Main Switchboard and/or Meter Box has a circular green reflective sign at with: "P.V."	Yes (Minor)
Shutdown procedure is present on MSB & connection point.	No (OFI)

To do | Priority: Low | Due: 11.03.2024 00:23 UTC | Created by: Soma Young

safetyculture.com

Add Shutdown procedure to MSB Installer to add shutdown procedure to MSB	
Shutdown procedure signage has: "WARNING: PV ARRAY D.C. ISOLATORS DO NOT DE-ENERGISE THE PV ARRAY AND ARRAY CABLING"	N/A
Where the solar is connected to a distribution board, the main switchboard and all intermediate switchboards should have signage that reads: "WARNING, MULTIPLE SUPPLIES. ISOLATE ALL SUPPLIES BEFORE WORKING ON THIS SWITCHBOARD" and "LOCATION:" specifying the location of the solar connection point.	Yes (OFI)
Switchboard with solar connection point signage has: "MAIN SWITCH (INVERTER SUPPLY)" adjacent to solar main switch	Yes (OFI)
Switchboard with solar connection point signage has: "MAIN SWITCH (GRID SUPPLY)" adjacent to main switch for grid supply	Yes (OFI)
Site Main Switchboard has: "SOLAR ARRAY (LOCATION) SHORT-CIRCUIT CURRENT: OPEN-CIRCUIT VOLTAGE:" in red and white with correct ratings	N/A
At the MSB, meterbox and/or fire panel, there should be laminated or similarly protected plan showing the solar system layout labelled with key equipment locations, including panels, inverters, connection points, date of installation and other key building reference points.	No (Minor)
To do   Priority: Low   Due: 11.03.2024 00:24 UTC   Created by	/: Soma Young
Add system plan signage	

Installer to add laminated system plan signage to MSB, Meter panel and fire panel.



Sign-off	
Audit Completed By	
Name	Soma Young
Company	Beam Solar
Position	Solar Engineer
Date	04.03.2024 00:30 UTC
Signature	04.03.2024 00:26 UTC
Audit Reviewed By	
Name	Daniel Killalea
Company	Beam Solar
Position	Solar Engineer
Date	04.03.2024 00:30 UTC
Signature	

04.03.2024 00:31 UTC

### Media summary



Photo 1



Photo 3



Photo 2



Photo 4

RED ZONE CORNER ZONE - NO MODULES TO BE INSTALLED IN THIS ZONE



Photo 5

Photo 6

Powered by SafetyCulture safetyculture.com



Photo 7



Photo 8





Photo 9



Photo 11



Photo 10



Photo 12



Photo 13



Photo 14



Photo 15



Photo 17



Photo 16



Photo 18



Photo 19



Photo 21

File summary

IMG\_7931.MOV



Photo 20



Photo 22