CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD

ANNEXURE A

City SSEG Compliance Declaration (standard form).

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SANS 10142-1:2026 (Ed 3.3)
SSEG Compliance Declaration

For Registered Installation Electricians / Master Installation Electricians — Standard A1/A2 SSEG Systems (below 100 kVA)

What is this form? This declaration is completed by the registered electrician who installed and tested a small-scale solar PV and/or battery (SSEG) system. It is used for standard household- and small-business-sized systems — below 100 kVA — where an ECSA-registered professional engineer is not required. It confirms, in plain language, that the key safety checks required by SANS 10142-1:2026 have been carried out.

This form is submitted together with the Certificate of Compliance (CoC), the Normal Electrical Installation Test Report, and the Annex S generating-plant test report. It does not replace any of these — it is an additional, plain-language confirmation that helps the City process the application and gives everyone a clear record of exactly what was checked.

You remain fully responsible, within your registration, for the installation, testing and Certificate of Compliance for this system — completing this declaration does not change or reduce that responsibility. Please tick each item only once you have personally checked it and are satisfied it is correct.

SECTION A — INSTALLATION & SYSTEM INFORMATION

Please complete the details below so the City can identify the installation and match it to the approved application.

Customer / homeowner name	
Installation address	
SSEG application reference number	
System size (kVA)	
Inverter Make	
Inverter Model	

Type of system (e.g. grid-tied PV only / hybrid with battery backup / battery only) and Approved single-line diagram (SLD) reference number as per (EEB 705)	☐ Grid-tied EG plant with no storage SK5276 Sheet 2: ☐ Grid-tied with storage SK5276 Sheet 3: ☐ Grid-Tied Battery Only SK5276 Sheet 4: ☐ Solar PV geyser: dual DC or AC isolated geyser element SK5276 Sheet 5.1: ☐ Solar PV geyser modulated DC or grid AC interlocked SK5276 Sheet 5.2:
Test report for Electrical installations to SANS 10142-1 Certificate of Compliance (CoC) number	
Annexure S Test report for generating plants (GP) (PV/Battery) installations Certificate of Compliance (CoC) number	

SECTION B — ELECTRICIAN'S COMPLIANCE CHECKLIST

As the registered electrician responsible for this installation, please tick each box below once you have personally inspected, tested and confirmed it. Only tick a box if you actually checked it and are satisfied it is correct.

- ☐ The solar panels, inverter and battery (if fitted) match the approved single-line diagram (SLD) and equipment list.
- ☐ The system connects safely to the municipal grid and automatically disconnects if the municipal power supply fails (anti-islanding / anti-back feed protection is working).
- ☐ Where the system has battery backup: the changeover arrangement correctly prevents the system from feeding power back into the municipal network while running on backup power.
- ☐ Where the system can run in "island mode" (on backup power only): the neutral and earth wiring is correctly set up so the safety (earth-fault) protection still works properly in that mode.
- ☐ The circuit breakers, fuses and other protective devices are correctly rated and suitable for this system and how it will be used, including when the solar/battery source and the grid could both contribute to a fault at the same time.
- ☐ I have checked that the maximum fault current this system could produce — on its own or together with the grid — will not exceed what the installation's protective devices can safely handle.
- ☐ I have tested the earth-fault loop impedance (including, where relevant, while running on backup/island power) and confirmed the automatic safety cut-off times meet the required standard.
- ☐ The installation protects people from dangerous shock voltages through correct earthing and automatic disconnection of supply.
- ☐ All test results are recorded truthfully and form part of this declaration, the Test report for Electrical installations to SANS 10142-1 CoC and Annex S Test report for generating plants (GP) (PV/Battery) installations CoC.

Comments / items referred for professional or specialist input (if any):

SECTION C — DECLARATION & SIGNATURE

I confirm that the above information is true and correct to the best of my knowledge. I remain fully responsible, within my statutory registration, for the inspection, testing and certification of this installation, including the Certificate of Compliance (CoC) and the Annex S generating-plant test report.

Electrician's full name	
Registration number	
Registration category (e.g. Installation Electrician / Master Installation Electrician)	
Signature	
Date	