

**LABSS INFORMATION PAPER INFOP29 - 2021 Version 1 – May 2021****BS7671 – Certification of Photovoltaic (PV) installations (and other LZCT's)****Information for verifiers****Background**

Following feedback from SELECT and following a request for information from verifiers, it appears there are a range of approaches from verifiers with regards to requesting information related to certification of electrical work associated with PV installations.

**Purpose**

The purpose of this Information Paper is to make verifiers aware of information from SELECT on provisions within BS 7671 for certification of electrical work associated with PV installations (and other LZCT's).

This information may be used by a verifier to inform reasonable inquiry.

**Feedback from SELECT**

BS 7671:2018 + A1:2020 includes requirements for electrical installations including low voltage generating sets in Chapter 55 and has particular regard to the additional requirements for solar PV in Section 712.

The type of certificate would be an Electrical Installation Certificate (EIC) of the type found in Appendix 6, but it also requires an attached schedule where other sources of supply are concerned – see p2 of EIC. Additionally, on the schedule of inspections, the special installation or location should be ticked and a record of the particular inspections applied should be provided.

Other documentation such as the PV array test report, manufacturer information, drawings etc should be in the O & M manual given to the customer after commissioning – as required in BS EN 62446 - Photovoltaic (PV) systems.

The new single certificate of construction should help in this respect as it generates both certificate of construction and EIC simultaneously.

Other LZCT's where BS 7671 is relevant would also require to be certificated similarly – although it should be noted that there are no specific special installations or locations for some of these technologies.

**Microgeneration Certification Scheme (MCS)**

An MSC certificate is an option under the Smart Export Guarantee (SEG), associated supporting guidance states:

*For PV, wind and micro-CHP installations up to 50kW, applicants will be asked to demonstrate that their installation and installer are suitably certified. You may have an installation certificate to demonstrate this. This may be a Microgeneration Certification Scheme (MCS) certificate, but the SEG also recognises that other schemes may be equivalent to MCS.*

The purpose of MSC certification is to provide assurance with regards to the SEG.