



Certificate: 80044807

Master Contract: 300217

Project: 80215711

Date Issued: 2024-07-03

The grounding of the system is intended to comply with the latest edition of the National Electrical Code, to include NEC 250 & 690 or in accordance with CSA C22.1, Safety Standard for Electrical Installations, Canadian Electrical Code, Part I. Local codes compliance is required, in addition to national codes. All grounding/bonding connections are to be torqued in accordance with the Installation Manual and the settings used during the certification testing for the current edition of the project report.

Conditions of Acceptability:

Installation is subject to acceptance of the local inspection authorities having jurisdiction. The certification of these products relates only to the methods of installation, bonding, and grounding as outlined in the Installation Manual for each product.

APPLICABLE REQUIREMENTS

CSA TIL NO. A-40 - CSA TIL NO. A-40 - PV Module and Panel Racking Mounting System and Accessories

ANSI/UL 2703-2023 - STANDARD FOR SAFETY Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels



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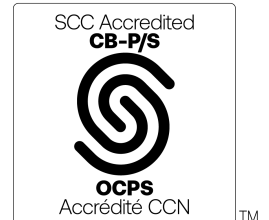
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Notes:

Products certified under Class(es) C531302, C531382 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca





Supplement to Certificate of Compliance

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The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

Project	Date	Description
80215711	2024-07-03	Update report 80044807 to add approximately 140 PV modules to PV list and installation manual updates. Assume evaluation only.
80189329	2024-02-21	Update report 80044807 with PV list additions, BOM updates, and Install Manual updates. <ul style="list-style-type: none">• Add standing seam clamp to TGP for rail-less system, assume no testing required, assume Class A fire rating due to use with non-combustible materials. Using same clamps and bonding methods• Updating clamps with previous evaluation and testing• Updating Base Rail and Top Rail Splice information• PV list update, evaluation of spreadsheet, datasheets needed• Review and update of schematics for changes and corrections to previous schematics and material call outs• Updating Descriptive Report for changes and corrections to materials and dimensions called out. Assume tested, need to correct BOM only.• Assuming all is evaluation only, no testing included. Change Order will be issued for scope additions and/or if testing is needed.
80162395	2023-06-21	Update report 80044807 to add fire rating Type 29, Type 30, and update PV list. Evaluation and testing are required. TGR system only. TGR is low slope, asymmetrical racking system to be tested with Type 29 modules. Testing the 40 inch layout and 5 inch gap. Using deflector.
80142482	2022-12-23	Update Report 80044807 with new mid-clamp and end-clamp design only, and alternative methods of bonding. Evaluation and testing are required.
80128720	2022-07-26	Update report 80044807 with new modified base rail splice and adding to PV list. Evaluation only, no testing. Update to add TIL No. A-40, Technical Information Letter TIL No. A-40 Covering PV Module and Panel Rack Mounting Systems and Accessories
80058820	2021-05-07	Update report 80044807 with fire ratings for TGR system only. TGR is low slope, asymmetrical racking system to be used with Type 1 and 2 modules.



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80044807 2020-06-25

Certification of racking system for bonding and grounding only based on project 80009489
Project 80009489 scope: Terragen certification file transfer to CSAus from UL report
E493614, Certificate # 2017-0831-E4936314. Adding models TGT and TGP Adding to
PV module list Using test data from project 80009489 to add additional bonding
components. Assumption: Bonding and grounding only Testing already completed from
project 80009489