

FACTORY BUILT STRUCTURES LISTING PROGRAM

Customer: Powell Canada Inc.
Class: Business Commercial Industrial Structures
Location: Acheson, Alberta
Website: www.powellind.com

Listing No. REC732-2
Project No. REC732-2, Edition 2

Effective Date: November 19, 2021
Last Revised Date: March 17, 2022
Expires: N/A

Standards: CSA A277 "Procedure for certification of prefabricated buildings, modules, and panels",
British Columbia Building Code (Parts 4 and 9),
National Building Code of Canada (Parts 4 and 9),
Alberta Building Code (Parts 4 and 9),
Ontario Building Code (Parts 4 and 9), and
Quebec Construction Code, Chapter 1 (Parts 4 and 9)

Note: Unless otherwise specified, the Standards/Codes noted are the most current versions in effect.

Product: Business Commercial Industrial Structures, Group F2

Markings: All markings must be permanent and visible after installation.

The QAI label (item 1096 – Permanent Business Commercial Industrial Building CSA A277 Compliance Label) is normally located in close proximity to the electrical panel.



The Specification Nameplate (item 1068, white with black, 8-1/2" x 14") is normally located in close proximity to the electrical panel and includes:

- Manufacturer's Name and Address,
- Date of Manufacture,
- Model Serial Number or Product Code,
- Foundation Type (Perimeter Foundation Wall or Piers),

- Floor Live Load,
- Specified Snow Load (1/50),
- Seismic Response Sa(0.2),
- Hourly Wind Pressure (1/50),
- Building Envelope Effective Thermal Resistance,
- Windows/Doors/Skylights Thermal Characteristics,
- Outside Design Temperature (Heat Loss or Heat Gain),
- Factory Installed Appliances,
- Site Installed Components, Assemblies, and Systems,

Other markings as required by the relevant codes.

The QAI Label and Specification Nameplate are available from QAI and must be applied at the Factory.

Models / Ratings: Structures are used for single Major Occupancy classified as Group F2 – Medium Hazard Industrial Occupancies, constructed in single or multiple modules in single storey configurations not exceeding 600m² in building area. The entire steel structure is designed in Part 4 by a Professional Engineer and is manufactured in accordance with the requirements of CSA A660 “Certification of manufacturers of steel building systems”.

Structures under this listing typically include electrical control buildings that are not intended to be occupied on a daily or full-time basis and are not conditioned space on a full-time basis.

Electrical Installations inside the buildings are not covered under this listing and are subject to SPE-1000 inspection completed by others.

This listing does not apply to sleeping quarters, construction camps, dining units, office spaces, or storage units and does not include multiple Major Occupancies.

This listing does not apply to Fire Suppression or Alarm Systems.

Notes: Prefabricated structures included in this listing are manufactured at a central facility and transported to the site. This structure must include provision for on site interconnections. QAI certification covers the construction of the prefabricated building only, including any factory installed materials. QAI certification is intended to obviate the necessity of further inspection by the local regulatory authorities except for site installations, connections to services and for site installed features.

Site installation of products must be done according to the manufacturer’s installation instructions and in compliance with the requirements set by the local Authority Having Jurisdiction.



LABORATORIES

CERTIFICATION TESTING INSPECTION

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TORONTO, ON: 905.605.5444
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The materials, products or systems listed herein have been qualified to bear the QAI Listing Mark under the conditions stated with each Listing. Only those products bearing the QAI Listing Mark are considered to be listed by QAI. No warrantee is expressed or implied, and no guarantee is provided that any jurisdictional authority will accept the Listing found herein. The appropriate authorities should be contacted regarding the acceptability of any given Listing. Visit the QAI Online Listing Directory located at www.qai.org for the most up to date version of this Listing and to validate that this QAI Listing is active. Questions regarding this listing may be directed to info@qai.org. Please include the listing number in the request.
