

## **FACTORY CONSTRUCTED BUILDINGS AND STRUCTURES LISTING PROGRAM**

Customer: RCM Modulaire Inc.  
Class: Relocatable Commercial Industrial Structures  
Location: Saint-Benoît-Labre, Quebec  
Website: [www.rcmmodulaire.com](http://www.rcmmodulaire.com)

Listing No. REC813-2  
Project No. REC813-2, Edition 1

Effective Date: November 20, 2023  
Last Revised Date: November 20, 2023  
Expires: N/A

Standards: CSA A277 “Procedure for Certification of Prefabricated Buildings, Modules, and Panels”

Alberta Building Code 2014, Part 9 &10

National Plumbing Code of Canada 2010

CSA C22.1-12 Canadian Electrical Code, Part I “Safety Standard for Electrical Installations”

CSA B149.1-10 “Natural Gas and Propane Installation Code”

*Note 1: Unless otherwise specified, the Standards and Codes noted are the most current versions in effect.*

Product: Factory Built Relocatable Commercial Industrial Structures

Markings: Products are labelled and marked in a permanent manner where it is readily visible after installation with the following information:

1. QAI label with 'C' identifier (item 1095 Relocatable Commercial Industrial Structures – A277 Compliance Label) is normally located in close proximity to the electrical panel.

QAI logo shown here:



2. The specification nameplate (item 1068, 8-1/2” x 14” in size) 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  $S_a$  (0.2)
- Hourly Wind Pressure (1/50)
- 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
- Electrical Systems Voltage, Frequency, and Amperage

3. Other Markings as required by the relevant codes.

*Note 2: The QAI label and specification nameplate are available from QAI and must be applied at the factory.*

Models / Ratings: Factory Built Relocatable Commercial Industrial Structures constructed in single or multiple modules in single storey configurations with a building area not exceeding 1200 m<sup>2</sup>. This listing includes structures intended to be used under a single Major Occupancy classified as:

- *Group D - Business and Personal Services,*
- *Group F3 – Low-hazard industrial occupancy*

Structures described above typically include but are not limited to construction camp facilities, such as office spaces, portable washroom trailers, storage units and other similar business or industrial buildings.

This listing does not apply to sleeping quarters, dormitories, stores units and other residential or commercial buildings and/or any building designed for multiple major occupancies. This certification does not include Part 3 industrial, commercial or semi-commercial buildings, such as Hospitals, nor does it include Hotels /Motels, Schools, Portable Classrooms or any other structure outside the scope of part 10 of Alberta building code.

This listing does not include vehicular lighting or break wiring systems.

For a full list of structures covered under this occupancy please refer to Notes to Part 3, A-3.1.2.1.(1) Major Occupancy Classification in the National Building Code-Alberta Edition.

**Structural:**

Conventional Wood or Steel Frame Construction. The steel building shall be manufactured by companies certified in accordance with the requirements of CSA A660 “Certification of Manufacturers of Steel Building Systems”. All welding to be done in a shop certified to the CSA W47.1 “Certification of Companies for Fusion Welding of Steel”.

**Electrical Ratings:**

Up to a max. of 120/208V, 60Hz, 600A, 3-phase and/or 120/240 V, 60Hz, 100A single-phase systems.

**Heating/Ventilation:**

Primarily Central Forced Air Furnaces. Units may be Electric, Natural Gas or LPG Fired. Modules may be equipped with air conditioning and/or hydronic heating.

**Plumbing:**

Conventional drainage and venting systems to a maximum of 240 hydraulic fixture units.

**Gas Systems:**

Structures may be equipped with Natural Gas or LPG Fired appliances and equipment.

**Fire Alarm and Sprinkler Systems:**

None.

**Notes:** Relocatable Structures included in this listing are manufactured at a central facility and transported to the site. These modules must include provisions for on site interconnections, connection to municipal services (water and sewage), electrical power and gas/propane supply. QAI certification covers the construction of the modular buildings including any factory installed plumbing, electrical and gas/propane services, appliances, equipment and fixtures. QAI certification is intended to obviate the necessity of further inspection by the local regulatory authorities except for site connections to services or to other modules and for site installed features.

Site installation of products must be done according to manufacturer's installation instructions and in compliance with the requirements set by the local authority having jurisdiction.

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](http://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](mailto:info@qai.org). Please include the listing number in the request.

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