

# Directory of Listed Products

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## **FACTORY CONSTRUCTED BUILDINGS AND STRUCTURES**

**Class:** Relocatable Commercial/Industrial Structures

**Customer:** Grandeur Housing Ltd.

**Location:** Winkler, Manitoba

**Listing No.:** REC573-2

**Effective Date:** July 30, 2010

**Last Revised:** September 27, 2011

**Expires:** N/A

**Standards:** CSA A277 "Procedure for Factory Certification of Buildings"  
CSA C22.1 "Canadian Electrical Code, Part I, Safety Standard for Electrical Installations "  
CSA B149.1 " Natural Gas and Propane Installation Code"  
National Plumbing Code of Canada  
Alberta Building Code, Part 9 & 10  
National Building Code of Canada, Part 9

The standards above as provincially amended by Alberta, Manitoba, and Saskatchewan. Jurisdictions may require structures to comply with municipal and/or provincial codes and standards in lieu of the national codes and standards.

**Product:** Relocatable Commercial/Industrial Structures

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

## Untitled 1

One of the following specification nameplates (as applicable):

1. Commercial/Industrial Unit for Electrical Features Only - Specification Nameplate (Item 1079) – Province of Manitoba and/or Saskatchewan  
Black Lettering on White Background  
Size: 8 ½ inches by 11 inches.  
The specification nameplate is located in close proximity to the electrical panel board and includes:
  - Manufacturer's name and address
  - Model and serial number
  - Date of manufacture
  - Complete electrical rating
  - A list of appliances that are factory installed
  - Additional markings as may be required
  
2. (Item 1061) – Province of Alberta, Manitoba, and/or Saskatchewan  
Black Lettering on White Background  
Size: 8 ½ inches by 11 inches.  
The specification nameplate is located in close proximity to the electrical panel board and includes:
  - Manufacturer's name and address
  - Model and serial number
  - Date of manufacture
  - Fuel type
  - Complete electrical rating
  - A list of appliances that are factory installed
  - Ground snow load and roof design snow load
  - Thermal resistance of insulation and the outside design temperature used in heat-loss calculations
  - The building codes met by the building
  - Additional markings as may be required

One of the following set of labels (as applicable):

1. QAI label with 'c' identifier (Item 1069) – Commercial/Industrial Unit for Electrical Features Only (Province of Manitoba and/or Saskatchewan)  
Black Lettering with Silver Background  
The QAI label is usually located in close proximity to the electrical panel board.
  
2. QAI label with 'c' identifier (Item 1095) – Relocatable Commercial/Industrial Structures (Province of Manitoba and/or Saskatchewan)  
Black Lettering with Silver Background  
The QAI label is usually located in close proximity to the electrical panel board.
  
3. QAI label with 'c' identifier (Item 1093) – Relocatable Commercial/Industrial Structures Plumbing and Gas (Alberta Part 10 Program)  
Black Lettering with Silver Background  
The QAI label is usually located in close proximity to the electrical panel board.

## Untitled 1

4. QAI label with 'c' identifier (Item 1094) – Relocatable Commercial/Industrial Structures – Electrical (Alberta Part 10 Program)  
Black Lettering with Silver Background  
The QAI label is usually located in close proximity to the electrical panel board.

The QAI labels and specification nameplates are available only from QAI and must be applied at the factory.

### Models:

The scope of structures covered by this listing includes:

**Buildings are:** Commercial/Industrial structures comprised of single or multiple modules. Group C, D, and E occupancy, in single storey configuration and without sprinkler systems. Buildings with sleeping accommodations have a building area not exceeding 600m<sup>2</sup>. Buildings without sleeping accommodations have a building area not exceed 1200m<sup>2</sup>. Commercial/Industrial structures typically include but are not limited to office space, stores, construction camp facilities such as dormitories and dining trailers, equipment buildings, and other similar commercial or industrial buildings.

**Structural:** Conventional wood frame construction

**Electrical Rating:** 120/240 VAC, 60Hz, 200A max

**Heating:** Central Forced Air Furnaces. Units may be Electric, Natural Gas, or LPG fired. Systems may be equipped with air conditioning.

**Plumbing:** Conventional drainage and vent systems to a maximum of 240 hydraulic fixture units.

This listing does not include buildings for use in hazardous locations. This listing does not include vehicular lighting or brake wiring systems.

Structures included in this listing are relocatable commercial/industrial structures manufactured at a central facility, complete with electrical wiring, for installation or connection to other modules in the field. These units, when completely assembled on site, are equipped with normal facilities for connection to electrical services. QAI certification covers the construction of the structure and any factory installed electrical services, and 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 mounting features.

## Untitled 1

**Note:** Structures bearing the QAI A277 label are built to conform to CSA standard A277, the National Building Code of Canada (Part 9), Alberta Building Code (Part 9 & 10), and/or municipal building regulations as well as the relevant plumbing, gas, and electrical codes.

Structures bearing the QAI 'electrical features only' label are built to conform to CSA C22.1.

Interconnection of modules, completion of structural systems and connection to services must be finished on site as specified in the electrical and building permits and are subject to inspection by the local authorities having jurisdiction.

Products are installed in accordance with the local code of the authority having jurisdiction.

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The materials, products or systems listed in this directory 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.

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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