

FACTORY BUILT STRUCTURES LISTING PROGRAM

Customer: Northgate Industries Ltd
Class: Business Commercial Industrial Structures
Location: Edmonton, AB
Website: www.northgateindustries.com

Listing No. REC696-4
Project No. REC696-4, Edition 3

Effective Date: April 26, 2019
Last Revised Date: July 5, 2021
Expires: N/A

Standards: CSA A277-16 "Procedure for certification of prefabricated buildings, modules, and panels",
CSA C22.1 "Canadian Electrical Code, Part 1"
BC Building Code (Part 9),
BC Plumbing Code,
National Building Code (Part 9),
National Plumbing Code,
Ontario Building Code (Part 9),
Ontario Plumbing Code, and
Ontario Electrical Safety Code

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

Product: Business Commercial Industrial Structures

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

1. The Specification Nameplate (item 1068, white with black, 8-1/2" x 14") is 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),
 - Envelope Effective Thermal Effectiveness,
 - Windows/Doors/Skylights Thermal Resistance,

- Outside Design Temperature (Heat Loss/Heat Gain),
- Factory Installed Appliances
- Site Installed Components, Assemblies, and Systems,
- Electrical Systems Voltage, Frequency and Amperage,

2. QAI label with 'C' Identifier (item 1096 – black lettering with silver background) is normally located in close proximity to the electrical panel.

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.

QAI logo shown here:



Models/Ratings: **Structures are:**

Factory Built Modular Structures constructed in single or multiple modules in single storey configurations with a building area not exceeding 600m². This listing includes structures intended to be used under a single Major Occupancy classified as – Group D – Business and Personal Services

Structural:

Conventional wood frame construction within the limitations of Part 9 of the National Building Code, BC Building Code and Ontario Building Code. May include Part 4 Structural design.

Electrical System:

120/208V, 3PH, 60Hz, 200A max.

Plumbing System:

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

Heating/Ventilation System:

Exterior wall mounted HVAC system and/or central forced air furnaces. Systems may be equipped with baseboard heaters.

Gas System:

None, site installed.

Notes: The operation of the complete fire suppression system is not included in this report and QAI certification. This report does not include structures for use in hazardous locations.

Structures included in this listing are manufactures at a central facility and transported to the site. These modules include provisions for on-site interconnection, connection to municipal water, sewer, and electrical services. QAI certification covers the construction of the structures including any factory installed plumbing and electrical services, 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.

Interconnection of modules and connection to services must be finished on site as specified in the plumbing and electrical permits and are subject to inspection from the local authority having jurisdiction.

Structures shall be installed under permit in accordance with the codes enforced by the 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 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.
