



FACTORY CONSTRUCTED BUILDINGS AND STRUCTURES **LISTING PROGRAM**

Customer: Hard Shak Structures Inc.
Class: Relocatable Commercial/Industrial Structures
Location: Regina, Saskatchewan
Website: www.hardshak.com

Listing No. REC584-1
Project No. REC584-1, Edition 3
Effective Date: October 31, 2011
Last Revised May 13, 2016
Date:
Expires: N/A

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

Product: Relocatable Commercial / Industrial Structures

Markings: All markings must be permanent and visible after installation

1. The specification nameplate (Item 1061, black lettering on white background, 8-1/2" x 11") is located in close proximity to the electrical panel board and includes:

- manufacturer's name and address
- model
- serial number
- year 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

2. QAI label with 'C' identifier (Item 1093) - Relocatable
Commercial/Industrial Structures - Alberta Plumbing and Gas Compliance
Label (Alberta Part 10 Program)

3. QAI Label with 'C' identifier (Item 1094) - Relocatable
Commercial/Industrial Structures - Alberta Electrical Compliance Label
(Alberta Part 10 Program)

4. QAI Label with 'C' identifier (Item 1095) - Relocatable
Commercial/Industrial Structures - A277 Compliance Label

Models / Ratings: **Structures are:**

Commercial/Industrial Relocatable structures comprised of single or multiple modules in single storey configurations. Structures are classified under *Group C, (Residential), Group D (Business & Personal Services), and Group F, Division 3 (Low-Hazard Industrial) occupancies*. Please refer to Appendix A, Division B of the National Building Code of Canada for a full list of structures covered under the above occupancies.

Commercial/Industrial Structures under this scope typically include office units, equipment storage units, construction camps facilities such as dormitories and construction camp trailers. This listing does not include apartment buildings, hotels, motels, detention facilities, dwelling units, multi-residential units requiring separation, and other type of buildings for use in hazardous locations.

Structural:

Conventional Wood Frame Construction within the limitations of Part 9 of the National Building Code.

Electrical System:

120/240V, 60Hz, 100A max.

Plumbing System:

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

Heating / Ventilation:

Units may be equipped with an exterior wall mounted central forced air furnace. Heating units may be electric or LPG fired. Systems may be equipped with air conditioning.

Notes: Structures included in this listing are Relocatable Commercial/Industrial Structures manufactured at a central facility, complete with electrical wiring with optional plumbing systems, for installation or connection to other modules in the field.

These structures, when completely assembled on site, are equipped with normal facilities for connection to municipal water and electrical services. QAI certification covers the construction of the structures and any factory installed electrical, plumbing services, or gas systems and is intended to obviate the necessity of further inspections by the local regulatory authorities except for site connections to services or to other modules and for site mounting features.

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.
