Minnesota Department of Labor and Industry
Construction Codes and Licensing Division
Building Plan Review/Inspections
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Reset

MINNESOTA DEPARTMENT OF LABOR & INDUSTRY

Manufactured Structures Plan Review Application

Prefabricated or Industrialized Modular Buildings

PRINT IN INK or TYPE your responses.

MANUFACTURER	PROJECT NAME
DELIVERY LOCATION	TYPE OF CONSTRUCTION
OCCUPANCY	USE

DOCUMENTS SUBMITTED

- ☐ Architectural Plans
- ☐ Electrical Plans
- ☐ Site Plans
- ☐ Plumbing Plans
- ☐ Foundation Plans
- ☐ Mechanical Plans
- ☐ MECheck
- ☐ Duct sizing design
- ☐ Heat Loss Calculation
- ☐ Truss Drawings
- ☐ Structural Plans
- ☐ Structural Calculations
- ☐ Energy Calculations
- ☐ RES Check
- ☐ COM Check
- ☐ Installation Guide
- ☐ Systems Submittal/Revision
- ☐ QA Manual

DESIGN PARAMETERS

PSF or MPH 3 Second Gust

Floor LL _____ Design Temperatures (if equipment is provided)

Floor DL _____ Winter _____

Wind Load _____ Summer _____

Roof LL _____ Heating Degree Days _____

Roof DL _____

Have the local conditions, location on the property and distance to other buildings on the property been reviewed by the local building official. ☐ YES ☐ NO

The following Occupancies required involvement by design professionals: A, B>2250 sq ft, E, F-1, I, H, M>1500 sq ft, R four or more units, S-3or4, U-2. Note that these occupancies are based on the 1997 UBC use your best judgment when equating to the 2000 or 2006 I codes.

INSTRUCTIONS FOR "MANUFACTURED STRUCTURES PLAN REVIEW APPLICATION"

Manufacturers Name	This is to be the company building the manufactured building.
Project Name	This is to be the companies identifier
Delivery Location	Where is the building to be sited
Type of Construction	If residential being built to the International Residential Code this would be IRC. If this is other than residential being constructed to the IRC then using the International Building Code this would need to be V-A, V-B, IV-A, IV-B, III-A, II-A, II-B, I-A and I-B.
Occupancy	If IRC then use One Family, Two Family or Townhouse. If using the IBC then use the A, B, E, F, H, I, M, R, S, or U along with the appropriate numeral 1-5 as the type of occupancy is designated.
Use	Identify the use Office, Classrooms, Generate Enclosure, etc.

Documents Submitted: Place an "X" in the box indicating the document being submitted.

Most of these items are self explanatory but we are describing a few items for clarification.

MECheck is a program downloaded from http://mn.centerpointenergy.com/builder_developer/residential_builder/mechanical_code/index.asp and is to be completed when you are providing a residential mechanical air change device also this should be included just to notify the home owner of the outdoor air changes required based on the information you the manufacturer has when designing the home.

RESCheck and COMCheck can be downloaded from www.energycodes.gov and is to be included with your submittal. RESCheck for residential construction and COMCheck for commercial construction.

Energy calculations (heat loss and duct designs) are required when heating or cooling appliances or ducting are provided by the manufacturer or included at the factory.

Truss plans must be signed by a Minnesota licensed engineer or an engineer licensed in the state to which the home will be shipped.

Design Parameters

Indicate the floor and roof live and dead loads in PSF (pounds per square foot). The wind load is to be indicated MPH (miles per hour) 3 second gust, see tables in IRC and IBC. The State of Minnesota has been deemed in the 90 MPH 3 second gust area.

The Design Temperatures are required information when heating or cooling equipment are provided, these numbers need to be specific for a location as they are needed to size equipment properly.

This material can be made available in different forms, such as large print, Braille or on a tape. To request, call 1-800-342-5354 (DIAL-DLI) Voice or TDD (651) 297-4198.