Date: September 30, 1981

MOBILE HOME AND MANUFACTURED HOME CERTIFICATION NOTICE NO. 1A
(Supersedes Mobile Home and Recreational Vehicle Notices Nos. 1, Supplement to 1, 2A, 3D, 3F, 3H, 4, 4A, 4C, 4F, 5, 6C, 7, 7A, 9, 9A, 16, 20, 21, 22, 22A, 22B, 22C, 22D, 23, 28, 31, 36A, 37 and Manufactured Homes Notices Nos. 1, 1A, 2, 3, 4A, 5, 7, 7A, 7B, 7C, 7D, 9 and 10)

To: Manufacturers of Mobile Homes and Manufactured Homes; Members of CSA Advisory Council on Electrical Safety; Members of CSA Advisory Council on Fire Safety; Members of CSA Advisory Council on Plumbing; and Others Interested

Subject: 1) Transfer of "Manufactured Home" Certification Notices and Applicable "Mobile Home and Recreational Vehicle" Certification Notices to Category of "Mobile Home and Manufactured Home," and Cancellation of Outdated Notices; and

2) Details of Certification Service for Mobile Homes, Manufactured Homes, and Commercial/Industrial Units

The Canadian Standards Association Certification Programs for Mobile Homes and Manufactured Homes have been combined under a single program. As a result, as of the date of this Notice, all Certification Notices previously issued under the title of "Manufactured Homes" and those relating to mobile homes (including commercial/industrial units) which had been issued as "Mobile Home and Recreational Vehicle Certification Notices," are listed under the category of "Mobile Home and Manufactured Home Certification Notices."

Current requirements for the certification of mobile homes and manufactured homes are detailed in the attached "Information Sheet on CSA Certification of Factory Built Houses and Commercial/Industrial Units."

In compiling this Information Sheet, some Notices have been cancelled (as indicated above) - either because they are outdated or because they have been condensed and included in the Information Sheet - while others have been retained and renumbered under the new category, as follows.
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Enquiries

Anyone desiring further information is invited to get in touch with:

CANADIAN STANDARDS ASSOCIATION
Building and Fuel Section
178 Rexdale Boulevard
Rexdale, Ontario, Canada
M9W 1R3

c.c. 44
INFORMATION SHEET
ON
CSA CERTIFICATION OF FACTORY BUILT HOUSES
AND
COMMERCIAL/INDUSTRIAL UNITS
(Supplements Information Sheet for Notice No. 1A)

1. Scope

This CSA Certification Program is concerned with the qualification of the manufacturing facilities and staff involved in the design and production of mobile and manufactured homes as well as with compliance of the product to the minimum acceptable requirements applicable. The part of the program relating to commercial/industrial units is concerned solely with ensuring that the electrical features of such units are in compliance with the applicable requirements of the Canadian Electrical Code.

2. Requirements

A) Mobile Homes

CSA Certification of mobile homes is based on compliance with the requirements of CSA Standard A277-1981, "Procedure for Certification of Factory Built Houses," and the technical requirements of applicable CSA Standards in the Z240 Series, as follows:

- Z240.0-1973, "Definitions for Mobile Housing"
- *Z240.0.1-1981, "Definitions and General Requirements for Mobile Homes"
- Z240.1-1975, "Vehicle Equipment Requirements for Mobile Homes and Recreational Vehicles"
- *Z240.1.1-M1981, "Vehicular Requirements for Mobile Homes"
- Z240.2.1-1979, "Structural Requirements for Mobile Homes"
- Z240.3.1-1973, "Plumbing Requirements for Mobile Homes"
- *Z240.3.1-M1980, "Plumbing Requirements for Mobile Homes"
- Z240.4-1974, "Gas-Equipped Recreational Vehicles and Mobile Housing (CGA 10.1-1974)"
- Z240.5-1971, "Oil Requirements for Mobile Housing and Recreational Vehicles"
- Z240.6.1-1976, "Electrical Requirements for Mobile Homes"
- *C22.1-1978, "Safety Standards for Electrical Installation"
- Z240.8.1-1979, "Light Duty Windows"
- Z240.9.1-1979, "Requirements for Load Calculations and Duct Design for Heating and Cooling of Mobile Homes"
*These Standards will replace corresponding Standards on the dates announced in the applicable Notices.

B) Manufactured Homes


C) Commercial/Industrial Units

CSA Certification of mobile commercial/industrial units is based on compliance with the requirements of CSA Standard C22.1-1978. (Also see Mobile Home and Manufactured Home Notice No. 3).

These Standards can be obtained from CSA's Standard Sales Group, Rexdale, at the following current prices per copy: *2240.0-1973, $4.75; 2240.2.1-1979, $20.00; 2240.3.1-M1980, $12.00; 2240.4-1974, $5.50; 2240.5-1971, $4.75; 2240.8.1-1979, $5.00; 2240.9.1-1979, $5.00; A277-M1981, $10.00; and C22.1-1978, $12.00. A remittance must accompany all orders under $50.00; Standards can be charged to your VISA (Chargex) card.

*New edition of this Standard is expected to be available in 1981.

3. Certification Marking

In addition to the markings required by the Standard, the manufacturer is entitled, upon issuance of a certification letter, to apply the specified CSA label to his eligible product to denote compliance with the applicable requirements, as follows:

A) Mobile Homes

(Comply with requirements of Standard A277 and Z240 Series Standards)

- Design No. 83.1.1 (Stock No. 8-9616-102), to mobile homes

- Design No. 83.2.1* (Stock No. 8-9616-106), to mobile homes if the Submittor is a member of the Canadian Manufactured Housing Institute (CMHI), formerly the Canadian Mobile Home Association

- Design No. 83.1.3 (Stock No. 8-9549-648), to multiple section mobile homes
Design No. 83.2.3* (Stock No. 8-9549-334), to multiple section mobile homes if the Submittor is a member of the CMHI

*This special issue was developed in cooperation with the CMHI for the exclusive use of their members. It is colour coordinated to the Association's Seal; and matched sets of CSA Labels/CMHI Seals are available, in packaged lots of 10, at the regular price. An extra charge is levied by the CMHI for use of its Seal.

These labels are of an adhesive-type mylar/vinyl material, have a diameter of approximately 3-1/2 inches, and are packaged in consecutively numbered lots of 10.

 Until revised labels are issued, this small label (Stock No. 8-9616-383) will be applied by the manufacturer in the upper right-hand corner of the appropriate mobile home label, to denote compliance with the requirements of revisions issued in 1979 or later as well as with those of the applicable Z240 Series Standards.

Design No. 83.1.1
(Stock No. 8-9616-102)
Colour: Silver on Black

Design No. 83.1.3
(Stock No. 8-9549-648)
Colour: Silver on Purple
B) Manufactured Homes

(Comply with requirements of Standard A277, the National Building Code of Canada, and Residential Standards Canada)

- Design No. 93.0  (Stock No. 8-2099-414), to manufactured homes. This label is of mylar, with pressure-sensitive adhesive, is 3-3/8 inches by 4-1/2 inches wide, and is available in consecutively numbered lots of 10.

Design No. 93.0
(Stock No. 8-2099-414)
Colour: Black on Yellow

- Design No. 93.2  (Stock No. 8-2099-563), to manufactured homes produced by members of the Canadian Manufactured Housing Institute. This label is of adhesive-type mylar/vinyl, is 3-7/8 inches in diameter, and is available in consecutively numbered lots of 10.

Design No. 93.2  
(Stock No. 8-2099-563)  
Colour: Gold and White on Black
Labels can be obtained by certified manufacturers from CSA's Label Sales Group, Rexdale. Orders for the various label designs should specify the applicable label design number, quantities required, a purchase order number, the address of the factory at which they are to be applied, etc. Orders for the "special" mobile home issue should be in duplicate as CSA will forward one copy to the CMHI office for their billing.

4. Specification Nameplates

Each certified mobile home and manufactured home shall be provided with a Specification Nameplate: CSA Form No. 83.9.1 for mobile homes and Form No. 93.9.1 for manufactured homes. They can be purchased in bilingual form (English and French) from CSA's Label Sales Group, Rexdale, in lots of 10.

All information requested on these nameplates, copies of which are attached as Appendix "A", must be completed before being affixed to the product. In the case of mobile homes, the Specification Nameplates are usually installed inside a kitchen cupboard door.

Alternatively, the manufacturer may supply his own Specification Nameplates provided at least the information requested in the attached samples is shown. It should be noted that approval must be received from CSA for the manufacturer to use his own nameplate.

5. Publication

CSA Certified factory built houses and commercial/industrial units are listed under the applicable equipment classification, as follows:

FACTORY CONSTRUCTED BUILDINGS AND STRUCTURES - Mobile Commercial/Industrial Units - For Electrical Features Only (Guide 121-A-13, Class 6612)

FACTORY CONSTRUCTED BUILDINGS AND STRUCTURES - Mobile Homes (Guide 121-A-15, Class 8111)

FACTORY CONSTRUCTED BUILDINGS AND STRUCTURES - Manufactured Homes (Guide 121-A-2, Class 8131)
C) Commercial/Industrial Units

(Electrical systems only which comply with the requirements of Standard C22.1)

- Design No. 83.0.2 (Stock No. 8-2744-615), for commercial/industrial units "For Electrical Features Only."

This label is of an adhesive-type mylar/vinyl material, is approximately 2-1/4 inches by 3-3/8 inches wide, and is packaged in consecutively numbered lots of 10. They are currently priced at $1.00 per label.

Design No. 83.0.2
(Stock No. 8-2744-615)
Colour: Black on Silver
**APPENDIX A(1)**

**DO NOT REMOVE/NE PAS ENLEVER**

**MANUFACTURER FABRICANT:**

**FACTORY ADDRESS:**

**TRADE NAME:**

**MARQUE DE COMMERCE:**

**CSA CERTIFICATION LABEL, ÉTIQUTE DE CERTIFICATION ACNOR NO:**

**MOBILE HOME CSA SPECIFICATION NAMEPLATE, PLAQUE SIGNALÉTIQUE TECHNIQUE ACNOR POUR MAISON MOBILE:**

**NOTE**

1. This specification plate and the exterior CSA Label provide the only evidence of CSA Certification.
2. This note is for use as an aid only and is not evidence of CSA Certification.
3. Any additions or modifications to factory installed systems must be authorized by the appropriate provincial or municipal authorities having jurisdiction.
4. Under the heading "FACTORY INSTALLED APPLIANCES" indicates appliances not factory installed. Items 1 & 2 must be factory installed.

**ELECTRICAL SYSTEM INSTALLATION ÉLECTRIQUE**

<table>
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<th>Piping System</th>
<th>Supply system tested at 100 psig.</th>
<th>INSTALLATION DE FONDS-PREMIERE approbationnément évalué à 100 lb./sq.in.</th>
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**PLUMBING SYSTEM**

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<th>Gas supply system tested at 100 psig.</th>
<th>INSTALLATION DE FONDS-PREMIERE approbationnément évalué à 100 lb./sq.in.</th>
</tr>
</thead>
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**WARNING**

**AVERTISSEMENT**

**GAS SYSTEM, INSTALLATION DE GAZ**

**DO NOT USE FUELS OTHER THAN THOSE SPECIFIED FOR THE APPLIANCES INVOLVED—PÊTER LA NOMINALE, NE PAS EMPLOYER D'AUTRES COMBUSTIBLES QUE CES SPECIFIÉS POUR CES APPAREILS EN CONSEOUX AFIN DE NE PAS ENDOMMAGER LE PRODUIT.**

**FUEL SYSTEM, INSTALLATION DU PALAIS**

**DO NOT USE FUELS OTHER THAN THOSE SPECIFIED FOR THE APPLIANCES INVOLVED—PÊTER LA NOMINALE, NE PAS EMPLOYER D'AUTRES COMBUSTIBLES QUE CES SPECIFIÉS POUR CES APPAREILS EN CONSEOUX AFIN DE NE PAS ENDOMMAGER LE PRODUIT.**

**VACUUM SYSTEM, INSTALLATION DU VAPEUR**

**DO NOT USE FUELS OTHER THAN THOSE SPECIFIED FOR THE APPLIANCES INVOLVED—PÊTER LA NOMINALE, NE PAS EMPLOYER D'AUTRES COMBUSTIBLES QUE CES SPECIFIÉS POUR CES APPAREILS EN CONSEOUX AFIN DE NE PAS ENDOMMAGER LE PRODUIT.**

**HEATING SYSTEM, INSTALLATION DU CHAUFFAGE**

**DO NOT USE FUELS OTHER THAN THOSE SPECIFIED FOR THE APPLIANCES INVOLVED—PÊTER LA NOMINALE, NE PAS EMPLOYER D'AUTRES COMBUSTIBLES QUE CES SPECIFIÉS POUR CES APPAREILS EN CONSEOUX AFIN DE NE PAS ENDOMMAGER LE PRODUIT.**
FACTORY ADDRESS/ADRESSE DE L'USINE

MODEL NO./NO DE MODELE SERIAL NO./NO DE SERIE LABEL NO./ETIQUETTE NO.

PROVINCE OF DESTINATION/PROVINCE DE DESTINATION

STRUCTURAL SYSTEM/SYSTEME DE CHARPENTE

DWG. NOS./DESSINS NOS.

GROUND SNOW LOAD PSF DESIGN SNOW LOAD PSF

CHARGE DE NEIGE AU SOL LBF / PB CHARGE DE NEIGE CALCULÉE LBF / PB

TYPE OF CONSTRUCTION/TYPE DE CONSTRUCTION

PLUMBING SYSTEM/SYSTEME DE PLOMBERIE

DWG. NOS./DESSINS NOS.

TYPE OF DWV SYSTEM TYPE DU SYSTÈME DWV

POTABLE WATER TESTED AT PSI FOR HOURS SYSTEME D'EAU POTABLE EPRouve A LBF / PB HEURES

ELECTRICAL SYSTEM/SYSTEME ELECTRIQUE

DWG. NOS./DESSINS NOS.

120/240 VOLTS AC 60 CYCLES AMPS NO. OF ENERGIZED CIRCUITS

120/240 VOLTS C.A. 60 CYCLES AMPÈRES N. DE CIRCUITS SOUS TENSION

HEATING SYSTEM/SYSTEME DE CHAUFFAGE

DWG. NOS./DESSINS NOS.

TYPE OF HEATING: OIL GAZ ELECTRICAL CHARGE DE CHAUFFAGE: HUILE GAZ ELECTRICITE

FIELD INSTALLED/INSTALLER SUR LE SITE

FIELD INSTALLED/INSTALLER EN USINE

NOTES:

1. THIS HOUSE IS NOT CERTIFIED FOR AREAS WHERE THE GROUND SNOW LOAD (AS SPECIFIED IN SUPPLEMENT NO. 1 THE NATIONAL BUILDING CODE) EXCEEDS THE GROUND SNOW LOAD SPECIFIED ABOVE.

2. THIS SPECIFICATION PLATE AND THE EXTERIOR CSA LABEL PROVIDES THE ONLY EVIDENCE OF CSA CERTIFICATION.

3. THIS CERTIFICATION DOES NOT COVER THE FOLLOWING:
PREPARATION OF THE SITE, FOOTINGS OR FOUNDATIONS; INTERCONNECTION OF MODULES OR COMPONENTS ON SITE; COMPLETION OF THE STRUCTURAL, PLUMBING, ELECTRICAL AND HEATING SYSTEMS ON SITE; CONNECTION TO SERVICES AS SPECIFIED IN THE ELECTRICAL AND BUILDING PERMITS, ALL OF THE ABOVE ARE SUBJECT TO INSPECTION BY THE LOCAL AUTHORITY HAVING JURISDICTION.

4. REFER TO MANUFACTURER'S DATA PROVIDED WITH EACH HOME (INCLUDING CAMERA OR KITCHEN COMPONENTS) FOR SPECIFIC COMPONENTS OR ITEMS WHICH ARE NOT COVERED BY INDIVIDUAL CERTIFICATION PROGRAMMES OR THE CERTIFICATION PROGRAMME BUT WHICH MAY BE SHOWN (UNCHECKED) IN THE CSA REPORT FOR THE INFORMATION OF THE INSPECTOR.

5. FOR REPORT DETAILS, IF REQUIRED, LOCAL INSPECTORS MAY TELEPHONE THE CANADIAN STANDARDS ASSOCIATION, COLLECT, ASK FOR MANUFACTURED HOMES GROUP.

6. CSA CERTIFICATION IS AS NOTED ABOVE AND COVERS THE APPLIANCES DESCRIBED BELOW ONLY WHEN INSTALLED IN THE FACTORY.

FACTORY INSTALLED APPLIANCES/APPAREILS INSTALLÉS EN USINE

NOTE: NA MUST BE MARKED IF APPLIANCE NOT SUPPLIED. NOTE: "NE" DOIT ÊTRE INSCRIT SI L'APPAREIL N'EST PAS FOURNI.

1. FURNACE MAKE MARQUE MODELE

2. WATER HEATER

3. RANGE

4. DRYER

5. WASHER

6. CHIMNEY

7. OTHER (TYPE)

FORM 93.9.1

APPENDIX A/(2)