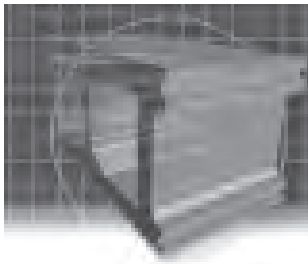




Canadian Concrete Masonry Producers' Association

# Publications & Technical Reference Material



## PUBLICATION LIST

### TITLE/DESCRIPTION

### COST

#### **CMHC Best Practice Guide**

Brick Veneer Concrete Masonry Unit Backing  
Package includes detail drawings, sample specifications  
and checklist, based on consultation with the construction  
industry. (Binder includes CD-ROM)

**\$ 89.00 + GST \$ 6.23 = TOTAL \$ 95.23**

#### **CCMPA Masonry Specifications**

Intended for designers/contract administrators who are responsible  
for the preparation of concrete masonry specifications in  
conformity with the requirements of the C.S.A. Standards. This  
program was developed under the Master Format guidelines, which  
includes the following sections:

- Section 4050 Masonry Procedures
- Section 4100 Mortar and Grout for Concrete Block
- Section 4150 Masonry Accessories
- Section 4160 Masonry Reinforcing and Connectors
- Section 4220 Concrete Unit Masonry

Includes installation/operation manual; please specify 3.5"

**\$ 10.00 + GST \$ 0.70 = TOTAL \$10.70**

#### **Concrete Block Metric Technical Manual**

Physical Properties of Block;  
Fire Performance Ratings; Thermal;  
Sound; Technical Reference Data;  
Specifications; Metric Coursing  
Tables; Reference Sheet of Standard  
Shapes and Sizes; Membership List

**Free download from our website:  
[www.ocba.ca](http://www.ocba.ca)**

**Note:** *The Metric Technical Manual is also available in CD format  
for the same cost as the binder.*

**\$ 35.00 + GST \$2.45 = TOTAL \$ 37.45**

## PUBLICATION LIST

### TITLE/DESCRIPTION

### COST

#### **Masonry Structures, Behaviour and Design**

This book attempts to give a broad understanding of masonry to designers and students, ranging from ancient beginnings to modern usage, covering planning, materials science, building science, structural design, and construction. It mostly deals with matters of international validity and is not confined by adherence to any code. This book gives many design examples; the majority using ACI 530/530/ASCE 5/TMS 402 Building Code Requirements for Masonry Structures.

**\$ 70.00 + GST \$ 4.90 = TOTAL \$ 74.90**

#### **Design Guide for Loadbearing Single Storey Concrete Block Buildings(Based on Engineering Analysis)**

This design guide is intended to help designers make use of loadbearing concrete block in the construction of single storey block buildings requiring high walls. It is intended to be used in conjunction with CAN3 S304-M84 "Masonry Design for Buildings" as referenced in the Ontario Building Code. In this design guide, designs based on engineering analysis are discussed and illustrated in examples.

**\$ 10.00 + GST \$ 0.70 = TOTAL \$ 10.70**

#### **National Research Council Concrete Block Sound Transmission Class (STC) Ratings**

This report presents the results of a series of sound transmission loss measurements carried out under contract for the Ontario Concrete Block Association. The test series was augmented for research purposes by measuring sound transmission losses at different stages in the construction and disassembly of the walls. This report provides an analysis of the information obtained during the complete measurement series.

**\$ 5.00 + GST \$ 0.35 = TOTAL \$ 5.35**

#### **Masonry LSD 95 Computer Software Program**

The eight modules available in this program are as follows:

**CURRENTLY UNDER REVISION**

- 1) Geometric Physical Properties of Masonry Walls
- 2) Determination of Specified Compressive Strength
- 3) Design and Analysis of Masonry Beams/Lintels
- 4) Design and Analysis of Masonry Load Bearing Walls
- 5) Design and Analysis of Masonry Columns
- 6) Design of Masonry Pilasters
- 7) Design of Masonry Shear Walls
- 8) Design of Masonry Slender Walls
- 9) Windows 2000 Compatible

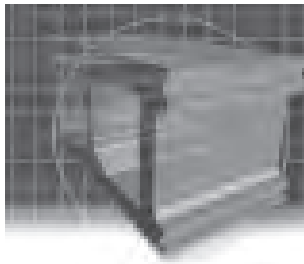
The program is highly interactive and all data entries are organized with windows and clickable "buttons" and the user can verify and make changes to any data at any time. Computations and code requirements are being performed concurrently while the user is informed of various stages of executions in the design process. When computation fails to meet code requirements, a warning will prompt the user to ensure that the necessary changes are made.



## TECHNICAL REFERENCE MATERIAL FOR CONCRETE MASONRY CONSTRUCTION

**In addition to the information provided in this manual, the following references are listed as further sources:**

- 1.0 Masonry Design for Buildings (Limit States Design)  
CAN/CSA-S304.<sup>1</sup>  
Published by CSA
- 2.0 Concrete Masonry Units Specifications  
CAN/CSA-A165.<sup>1</sup>  
Published by CSA<sup>1</sup>
- 3.0 Method of Test for Compressive Strength of Masonry Prisms  
CSA-A369.1  
Published by CSA<sup>1</sup>
- 4.0 Connectors for Masonry  
CSA-A370  
Published by CSA<sup>1</sup>
- 5.0 Masonry Construction for Buildings  
CSA-A371  
Published by CSA<sup>1</sup>
- 6.0 Terms and Definitions for Use in CSA Masonry Standards  
A443  
Published by CSA<sup>1</sup>
- 7.0 Concrete Masonry Handbook for Architects, Engineers and Builders  
Published by PCA
- 8.0 Recommended Practices for Laying Concrete Block  
Published by PCA<sup>2</sup>
- 9.0 Portland Cement Plaster (Stucco) Manual  
Published by PCA<sup>2</sup>
- 10.0 Canadian Building Digests Series  
Published by NRC
- 11.0 Tek Note Bulletins  
Published by NCMA<sup>5</sup>
- 12.0 Engineered Masonry Design Manual  
Published by Masonry Canada<sup>6</sup>
- 13.0 Masonry Computer Design Programme  
Issued by Masonry Canada<sup>6</sup>
- 14.0 Tek Note Series  
Published by NCMA<sup>5</sup>
- 15.0 Exterior Wall Construction in High rise Buildings  
Published by CMHC<sup>6</sup>



## TECHNICAL REFERENCE MATERIAL FOR CONCRETE MASONRY CONSTRUCTION (notes)

NOTES: <sup>1</sup> Denotes mailing address of above Publishers

1. CSA - Canadian Standards Association  
178 Rexdale Boulevard  
Rexdale, Ontario  
M9W 1R3  
(416)848-4364  
[www.csa.ca](http://www.csa.ca)
2. PCA - Portland Cement Association  
Order Processing  
5420 Old Orchard Road  
Skokie, Illinois 6007-9973  
(708)966-9559  
[www.portcement.org](http://www.portcement.org)
3. NRC - National Research Council, Canada  
Institute for Research in Construction  
Ottawa, Ontario  
K1A 0R6  
(416)973-4484  
[www.nrc.ca/irc](http://www.nrc.ca/irc)
4. NCMA - National Concrete Masonry Association  
P.O. Box 781, 2302 Horse Pen Road  
Herndon, Virginia, U.S.A.  
22070  
(703)435-4900  
[www.ncma.org](http://www.ncma.org)
5. CMHC - Canada Mortgage and Housing Corporation  
Ontario Regional Office  
2255 Sheppard Avenue East, Suite E 222  
Willowdale, Ontario  
M2J 4Y1  
(416)495-2000  
[www.cmhc-schl.gc.ca](http://www.cmhc-schl.gc.ca)