

# Solar collectors



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# Technical Committee on Solar Energy

<b>I. Sinclair</b>	Enermodal Engineering, Toronto, Ontario	<i>Chair</i>
<b>A. Brunger</b>	Exova Canada Inc., Mississauga, Ontario	
<b>C. Caruana</b>	CSA International, Toronto, Ontario	<i>Associate</i>
<b>R. Chauhan</b>	Ottawa, Ontario <i>Consumer Representative</i>	
<b>L. Dignard-Bailey</b>	Natural Resources Canada, Varenes, Québec	
<b>E. Grzesik</b>	Ontario Ministry of Energy and Infrastructure, Toronto, Ontario	
<b>N. Harris</b>	SolarBC, Victoria, British Columbia	<i>Associate</i>
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<b>G.D. Henriques</b>	Henriques Consulting, Richmond, British Columbia	<i>Associate</i>
<b>J. Hodge</b>	Toronto, Ontario <i>Consumer Representative</i>	
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<b>W. Johnston</b>	Canadian Solar Industries Association, Ottawa, Ontario	
<b>E. Knaggs</b>	H.E.S. Home Energy Solutions Ltd., Victoria, British Columbia	
<b>J. Knapp</b>	Natural Resources Canada, Ottawa, Ontario	<i>Associate</i>
<b>R. McMonagle</b>	City of Toronto, Toronto, Ontario	
<b>T. McRae</b>	E. I. DuPont Canada Company, Toronto, Ontario	<i>Associate</i>
<b>H. Platis</b>	SKY Solar (Canada) Ltd., Toronto, Ontario	<i>Associate</i>

<b>Y. Poissant</b>	Natural Resources Canada, Varenes, Québec	<i>Associate</i>
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<b>R. Singlehurst</b>	EnerWorks Inc., Burlington, Ontario	
<b>R.K. Swartman</b>	Solcan Limited, London, Ontario	
<b>W. Zheng</b>	Canadian Solar Inc., Kitchener, Ontario	
<b>C. Sellar</b>	Canadian Standards Association, Mississauga, Ontario	<i>Project Manager</i>

# ***Subcommittee on Solar Collectors***

<b>A. Brunger</b>	Exova Canada Inc., Mississauga, Ontario	<i>Chair</i>
<b>C. Caruana</b>	CSA International, Toronto, Ontario	
<b>R. Chauhan</b>	Ottawa, Ontario <i>Consumer Representative</i>	
<b>F. DiFolco</b>	CSA International, Toronto, Ontario	
<b>R. Djebbar</b>	Natural Resources Canada, Ottawa, Ontario	
<b>Z. Fisher</b>	Thermomax Industries Ltd., Victoria, British Columbia	
<b>D. Halme</b>	Enerconcept Technologies Inc., Magog, Québec	
<b>S. Harrison</b>	Queen's University, Kingston, Ontario	
<b>J. Hollick</b>	Conserval Engineering Inc., Toronto, Ontario	
<b>R. Ibbotson</b>	Atis Group Inc., Longueuil, Québec	
<b>W. Johnston</b>	Canadian Solar Industries Association, Ottawa, Ontario	
<b>L. Mesquita</b>	Thermosol Consulting, Burlington, Ontario	
<b>B. Sibbitt</b>	Natural Resources Canada, Ottawa, Ontario	
<b>C. Simmons</b>	Enersol Solar Products Inc., Campbellville, Ontario	
<b>R. Singlehurst</b>	EnerWorks Inc., Burlington, Ontario	
<b>R.K. Swartman</b>	Solcan Limited, London, Ontario	
<b>R.J. Waddell</b>	Your Solar Home Inc., Aurora, Ontario	

**R.A. Waters**

Viessmann Manufacturing Company Inc.,  
Waterloo, Ontario

**B. Wilkinson**

Matrix Energy Inc.,  
Pointe Claire, Québec

**C. Sellar**

Canadian Standards Association,  
Mississauga, Ontario

*Project Manager*

# Preface

This is the first edition of the CSA F378 Series, *Solar collectors*, which is comprised of F378.1, *Glazed and unglazed liquid heating solar collectors — Test methods* and F378.2, *Air heating solar collectors — Test methods*. It replaces the previous edition of CSA F378, *Solar Collectors*, published in 1987.

This Series was developed in response to the need for an updated document that sets nationally recognized technical requirements covering both liquid heating and air heating solar collectors. Significant advances have been made in solar collector technology since the publication of CSA F378 in 1987.

CSA hereby recognizes the technical assistance provided by WP4.1 of the New Generation of Solar Thermal System (NEGST) project, and in particular Josef Buchinger, who compiled the seed document that guided committee members during the development of the CSA F378 Series.

CSA also hereby recognizes the financial assistance provided by Natural Resources Canada, the Canadian Solar Industries Association (CanSIA), the Ontario Ministry of Energy and Infrastructure (OMEI), Manitoba Hydro, and B.C. Hydro, whose support helped make the development of this Standard possible.

These Standards are considered suitable for use for conformity assessment within the stated scopes of the Standards.

This Series was prepared by the Subcommittee on Solar Collectors, under the jurisdiction of the Technical Committee on Solar Energy and the Strategic Steering Committee on Performance, Energy Efficiency, and Renewables (SCOPEER), and has been formally approved by the Technical Committee. It will be submitted to the Standards Council of Canada for approval as a National Standard of Canada.

August 2011

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