

**Canadian Standards Applicable to SDHWS Components
Adopted from TIL MSE-45
Canadian Solar Industries Association**

<i>SDHWS Component</i>	<i>Applicable Standard</i>
Solar Collectors	CSA F378-87 (with the exception of Clause 4 and Clause 6.1)
Air vents	None
Piping/adapters	None
Globe valves	None
Pumps	CSA C22.2 No. 108
Strainers	None
Air eliminators	None
Expansion tanks	None
Gate valves	None
Drain valves	CSA B125
Check valves	(soft seating required)
Pressure relief valves	CGA CAN1-4.4 or ANSI Z21.22
Differential thermostats	CSA C22.2 No.24
Storage tanks	CSA C309
Heat exchangers	F379.1 clause 7.4
Pressure and temperature relief valves	CGA CAN1-4.4 or ANSI Z21.22
Backflow preventer	CSA B64 Series
Mixing or tempering valve	None
Pressure gauge	None
Thermometer	None
Solenoid valves	CSA C22.2 No. 139
Water hammer arrestors	None
Plumbing fittings	CSA B125
Vacuum breakers	CSA B64 Series
Controls	CSA C22.2 No. 24