

DOOR LISTING PROGRAM

<u>Class:</u>	<u>Fenestration Products – Physical Performance</u>
Customer:	Oakmont Industries Ltd.
Location:	Surrey, BC
Listing No.	W491-1
Effective Date:	August 5, 2014
Last Revised:	December 15, 2015
Expires:	N/A
Product:	Wood, Fiberglass, and Steel Door Assemblies
Standard:	AAMA/WDMA/CSA 101/I.S.2/A440 NAFS “North American Fenestration Standard/Specification for windows, doors, and skylights” A440S1 “Canadian Supplement to the North American Fenestration Standard/Specification for windows, doors, and skylights”
Models:	See Model Table Below
Label:	Each product is marked with the following content on a permanent label that is readily visible after installation: <ul style="list-style-type: none"> • Manufacturer’s name, Trademark or other recognized symbol or identification • QAI File number (W491) • QAI-Verified logo • “Evaluation for physical performance in accordance with AAMA/WDMA/CSA 101/I.S.2/A440 and A440S1” “Évalué pour la performance de physique en accord à la norme AAMA/WDMA/CSA 101/ I.S.2/ A440 et A440S1” <p>Each product is also marked with the additional following content on a temporary label that is readily visible after installation:</p> <ul style="list-style-type: none"> • Manufacturer’s name, Trademark or other recognized symbol or identification • Manufacturer’s address • Product description and configuration symbol • Primary Designator in accordance with AAMA/WDMA/CSA 101/I.S.2/A440 and CSA A440S1 • Secondary Designator in accordance with AAMA/WDMA/CSA 101/I.S.2/A440 and CSA A440S1
Note:	AAMA/WDMA/CSA 101/I.S.2/A440, Clause 5.2.5: The test procedures are designed to test the performance of the test specimen only and are not used to test the performance of the installation, in particular the perimeter sealant joint and the anchoring of the assembly. However, products not installed according to the installation method described in this report may not perform to an equivalent performance level. QAI certification covers classification of doors according to their physical performance ratings attained.

Model Table:

ID	Product Type	Product***	Primary Designator**	Positive Design Pressure	Negative Design Pressure	Water Penetration Pressure	Canadian Air Leakage*
1	SDS_Transom_Outswing_Door	FIXTR/(SLBSLT-FLSH)-[7'D-OS-FG-FLSH-DBL]-(SLBSLT-FLSH)	Class LC – PG45: Size tested 2851 x 2597mm	2160	-2160	510	A3 Level
2	Single_Outswing_Door	[7'D-OS-FG-FLSH-DBL]	Class LC – PG45: Size tested 950 x 2597mm – Type SHD	2160	-2160	510	A3 Level
3	Transom	FIXTR_406 x 2794mm	Class LC – PG45: Size tested 2796 x 435mm – Type TR	2160	-2160	510	A3 Level
4	Sidelite	(SLBSLT-FLSH)-OS-FG_DraftSeal_Door_Sweep	Class LC – PG45: Size tested 950 x 2597mm – Type SLT	2160	-2160	510	A3 Level
5	Sidelite	(SLBSLT-FLSH)-OS-FG_Wood_Sill_Wedge	Class LC – PG45: Size tested 950 x 2597mm – Type SLT	2160	-2160	510	A3 Level
6	Mullion	MA-W-TBAR-35x85mm	Class LC – PG45: Size tested 2854mm span/2.49m ² – Type MA	2160	-2160	510	A3 Level
7	DD_Outswing_Door	[7'DD-OS-FG-FLSH-DBL]	Class LC – PG35: Size tested 1878 x 2155mm – Type SHD	1680	-1680	510	A3 Level
8	Single_Outswing_Door	[7'D-OS-FG-DBL]	Class LC – PG35: Size tested 939 x 2155mm – Type SHD	1680	-1680	510	A3 Level
9	SDS_Transom_Inswing_Door	FIXTR/(SLBSLT-FLSH)-[7'D-IS-FG-FLSH-DBL]-(FIXSLT)	Class LC – PG35: Size tested 2839 x 2599mm	1680	-1680	0	A3 Level
10	SDS_Transom_Inswing_Door	FIXTR/(SLBSLT-FLSH)-[7'D-IS-FG-FLSH-MP]-(FIXSLT)	Class LC – PG45: Size tested 2839 x 2599mm	2160	-2160	0	A3 Level
11	SDS_Transom_Inswing_Door	FIXTR/(SLBSLT-FLSH)-[7'D-IS-FG-FLSH-MP]-(FIXSLT)_Dripcap	Class LC – PG45: Size tested 2839 x 2599mm	2160	-2160	330	A3 Level
12	Single_Inswing_Door	[7'D-IS-FG-FLSH-DBL]	Class LC – PG35: Size tested 951 x 2165mm – Type LW SHD	1680	-1680	0	A3 Level
13	Single_Inswing_Door	[7'D-IS-FG-FLSH-MP]	Class LC – PG45: Size tested 951 x 2165mm – Type LW SHD	2160	-2160	0	A3 Level
14	Single_Inswing_Door	[7'D-IS-FG-FLSH-MP]_Dripcap	Class LC – PG45: Size tested 951 x 2165mm – Type SHD	2160	-2160	330	A3 Level
15	Transom	FIXTR_2839x434mm	Class LC – PG45: Size tested 2839 x 434mm – Type TR	2160	-2160	330	A3 Level
16	Sidelite	(SLBSLT-FLSH)-IS-FG_944x2165mm	Class LC – PG45: Size tested 944 x 2165mm – Type SLT	2160	-2160	330	A3 Level

ID	Product Type	Product***	Primary Designator**	Positive Design Pressure	Negative Design Pressure	Water Penetration Pressure	Canadian Air Leakage*
17	Sidelite	(FIXSLT)-IS-FG_944x2165mm	Class LC – PG45: Size tested 944 x 2165mm – Type SLT	2160	-2160	330	A3 Level
18	Mullion	MA-W-TBAR-37x91mm	Class LC – PG45: Size tested 2839mm span/2.47m ² – Type MA	2160	-2160	330	A3 Level
19	SDS_Inswing_Door	(SLBSLT-FLSH)-[8'D-IS-FG-FLSH-MP]- (FIXSLT)	Class LC – PG35: Size tested 2841 x 2470mm	1680	-1680	0	A3 Level
20	SDS_Inswing_Door	(SLBSLT-FLSH)-[8'D-IS-FG-FLSH-MP]- (FIXSLT)_Dripcap	Class LC – PG35: Size tested 2841 x 2470mm	1680	-1680	360	A3 Level
21	Single_Inswing_Door	[8'D-IS-FG-FLSH-MP]	Class LC – PG35: Size tested 1121 x 2470mm – Type LW SHD	1680	-1680	360	A3 Level
22	Single_Inswing_Door	[8'D-IS-FG-FLSH-MP]_Dripcap	Class LC – PG35: Size tested 1121 x 2470mm – Type SHD	1680	-1680	360	A3 Level
23	Sidelite	(SLBSLT-FLSH)-IS-FG_860x2470mm	Class LC – PG35: Size tested 860 x 2470mm – Type SLT	1680	-1680	360	A3 Level
24	Sidelite	(FIXSLT)-IS-FG_860x2470mm	Class LC – PG35: Size tested 860 x 2470mm – Type SLT	1680	-1680	360	A3 Level
25	Mullion	MA-W-TBAR-57x94mm	Class LC – PG35: Size tested 2841mm span/1.95m ² – Type MA	1680	-1680	360	A3 Level
26	DD_Inswing_Door	[8'DD-IS-FG-FLSH-MP]	Class LC – PG45: Size tested 1875 x 2467mm – Type SHD	2160	-2160	400	A3 Level
27	Single_Inswing_Door	[8'D-IS-FG-FLSH-MP]	Class LC – PG45: Size tested 938 x 2467mm – Type SHD	2160	-2160	400	A3 Level
28	Single_Outswing_Door	[7'D-OS-W-DBL]	Class LC – PG45: Size tested 958 x 2080mm – Type LW SHD	2160	-2160	0	A3 Level
29	Single_Inswing_Door	[8'D-IS-W-DBL]	Class LC – PG45: Size tested 955 x 2492mm – Type LW SHD	2160	-2160	0	A2 Level
30	Single_Outswing_Door	[8'D-OS-W-DBL]	Class LC – PG45: Size tested 955 x 2485mm – Type LW SHD	2160	-2160	0	A2 Level
31	D_Transom_Outswing_Door	FIXTR/[8'D-OS-W-DBL]	Class LC – PG55: Size tested 949 x 2812mm	2640	-2640	0	A3 Level
32	Transom	FIXTR_949x347mm	Class LC – PG55: Size tested 949 x 347mm – Type TR	2640	-2640	0	A3 Level
33	Mullion	MA-W-TBAR-37x91mm	Class LC – PG55: Size tested 949mm span/0.36m ² – Type MA	2640	-2640	0	A3 Level


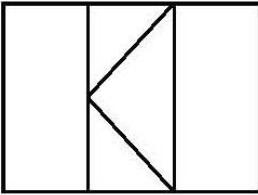
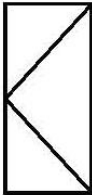
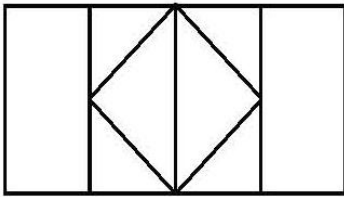
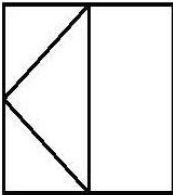
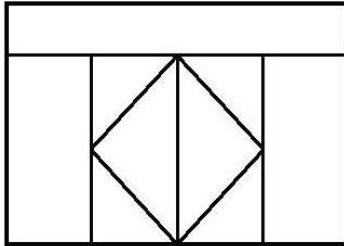
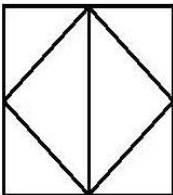
ID	Product Type	Product***	Primary Designator**	Positive Design Pressure	Negative Design Pressure	Water Penetration Pressure	Canadian Air Leakage*
34	Single_Inswing_Door	[8'D-IS-FG-MP]	Class LC – PG55: Size tested 955 x 2470mm – Type SHD	2640	-2640	400	A3 Level
35	DD_Outswing_Door	[8'DD-OS-FG-FLSH-MP]_HWRated	Class LC – PG30: Size tested 1882 x 2458mm – Type SHD	1440	-1440	220	A3 Level
36	Single_Outswing_Door	[8'D-OS-FG-FLSH-MP]_HWRated	Class LC – PG30: Size tested 941 x 2458mm – Type SHD	1440	-1440	220	A3 Level
37	DD_Outswing_Door	[8'DD-OS-FG-FLSH-MP]	Class LC – PG45: Size tested 1882 x 2458mm – Type SHD	2160	-2160	440	A3 Level
38	Single_Outswing_Door	[8'D-OS-FG-FLSH-MP]	Class LC – PG45: Size tested 941 x 2458mm – Type SHD	2160	-2160	440	A3 Level
39	SDS_Transom_Inswing_Door	FIXTR/(SLBSLT-FLSH)-[7'D-IS-W-FLSH-DBL]-(SLBSLT-FLSH)	Class LC – PG40: Size tested 1743 x 2522mm	1920	-1920	0	A3 Level
40	Single_Inswing_Door	[7'D-IS-W-FLSH-DBL]_2Panel-6TDL	Class LC – PG40: Size tested 957 x 2085mm – Type LW SHD	1920	-1920	0	A3 Level
41	Transom	FIXTR_1743x437mm	Class LC – PG40: Size tested 1743 x 437mm – Type TR	1920	-1920	0	A3 Level
42	Sidelite	(SLBSLT-FLSH)-IS-W_393x2085mm	Class LC – PG40: Size tested 393 x 2085mm – Type SLT	1920	-1920	0	A3 Level
43	Mullion	MA-W-TBAR-37x91mm	Class LC – PG40: Size tested 1743mm span/1.14m ² – Type MA	1920	-1920	0	A3 Level
44	SDS_Transom_Inswing_Door	FIXTR/(SLBSLT-FLSH)-[7'D-IS-FG-KIT-DBL]-(FIXSLT)	Class LC – PG45: Size tested 1733 x 2493mm	2160	-2160	0	A3 Level
45	Single_Inswing_Door	[7'D-IS-FG-KIT-DBL]	Class LC – PG45: Size tested 953 x 2060mm – Type LW SHD	2160	-2160	0	A3 Level
46	Transom	FIXTR_1733x433mm	Class LC – PG45: Size tested 1733 x 433mm – Type TR	2160	-2160	360	A3 Level
47	Sidelite	(SLBSLT-FLSH)-IS-FG_390x2060mm	Class LC – PG45: Size tested 390 x 2060mm – Type SLT	2160	-2160	360	A3 Level
48	Sidelite	(FIXSLT)-IS-FG_390x2060mm	Class LC – PG45: Size tested 390 x 2060mm – Type SLT	2160	-2160	330	A3 Level
49	Mullion	MA-W-TBAR-37x91mm	Class LC – PG45: Size tested 1733mm span/1.12m ² – Type MA	2160	-2160	330	A3 Level
50	Garden_Door	[7'GARD-OS-FG]	Class R – PG35: Size tested 965 x 2070mm – Type SHD	1680	-1680	360	A3 Level

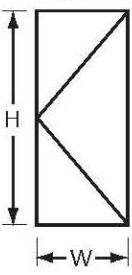
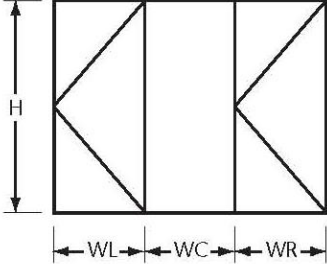
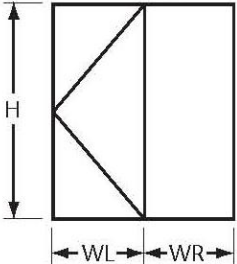
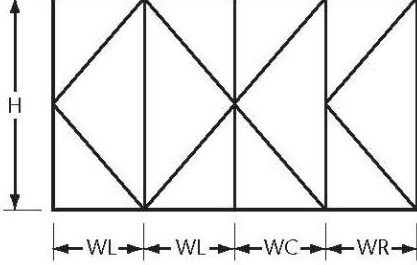
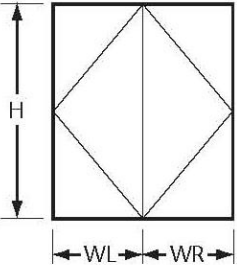
ID	Product Type	Product***	Primary Designator**	Positive Design Pressure	Negative Design Pressure	Water Penetration Pressure	Canadian Air Leakage*
51	SDS_Inswing_Door	(SLBSLT-FLSH)-[7'D-IS-STL-FLSH-DBL]- (SLBSLT-FLSH)_Art_Sill	Class R – PG30: Size tested 2850 x 2081mm	1440	-1680	400	A3 Level
52	SDS_Inswing_Door	(SLBSLT-FLSH)-[7'D-IS-STL-FLSH-DBL]- (SLBSLT-FLSH)_Adj_Sill	Class R – PG30: Size tested 2850 x 2081mm	1440	-1680	290	A3 Level
53	Single_Inswing_Door	[7'D-IS-STL-FLSH- DBL]_533x1600_Lite_Art_Sill	Class R – PG30: Size tested 950 x 2081mm – Type SHD	1440	-1680	400	A3 Level
54	Single_Inswing_Door	[7'D-IS-STL-FLSH- DBL]_533x1600_Lite_Adj_Sill	Class R – PG30: Size tested 950 x 2081mm – Type SHD	1440	-1680	290	A3 Level
55	Mullion	MA-W-TBAR-38x111mm	Class R – PG30: Size tested 2013mm span/1.53m ² – Type MA	1440	-1680	400	A3 Level
56	Sidelite	(SLBSLT-FLSH)_533x1600_Lite	Class R – PG30: Size tested 950 x 2081mm – Type SLT	1440	-1680	400	A3 Level
57	SDS_Inswing_Door	(SLBSLT-FLSH)-[7'D-IS-FG-FLSH-DBL]- (SLBSLT-FLSH)_Art_Sill	Class R – PG40: Size tested 2850 x 2081mm	1920	-2160	330	A3 Level
58	SDS_Inswing_Door	(SLBSLT-FLSH)-[7'D-IS-FG-FLSH-DBL]- (SLBSLT-FLSH)_Adj_Sill	Class R – PG40: Size tested 2850 x 2081mm	1920	-2160	290	A3 Level
59	Single_Inswing_Door	[7'D-IS-FG-FLSH- DBL]_533x1600_Lite_Art_Sill	Class R – PG40: Size tested 950 x 2081mm – Type SHD	1920	-2160	330	A3 Level
60	Single_Inswing_Door	[7'D-IS-FG-FLSH- DBL]_533x1600_Lite_Adj_Sill	Class R – PG40: Size tested 950 x 2081mm – Type SHD	1920	-2160	290	A3 Level
61	Mullion	MA-W-TBAR-38x111mm	Class R – PG40: Size tested 2013mm span/1.53m ² – Type MA	1920	-2160	330	A3 Level
62	Sidelite	(SLBSLT-FLSH)_533x1600_Lite	Class R – PG40: Size tested 950 x 2081mm – Type SLT	1920	-2160	330	A3 Level
63	Single_Inswing_Door	[7'D-IS-W-FLSH-DBL]_Full_Lite	Class R – PG40: Size tested 953 x 2108mm – Type SHD	1920	-1920	330	A2 Level
64	SDS_Outswing_Door	(SLBSLT-FLSH)-[7'D-OS-W-FLSH-DBL]- (SLBSLT-FLSH)	Class R – PG45: Size tested 1753 x 2083mm	2160	-2160	330	A3 Level
65	Single_Outswing_Door	[7'D-OS-W-FLSH-DBL]_3Panel-6TDL	Class R – PG45: Size tested 953 x 2083mm – Type SHD	2160	-2160	330	A3 Level
66	Sidelite	(SLBSLT-FLSH)-OS-W_1Panel-2TDL	Class R – PG45: Size tested 400 x 2083mm – Type SLT	2160	-2160	330	A3 Level
67	DD_Outswing_Door	[8'DD-OS-W-FLSH-DBL]_Full_Lite	Class LC – PG25: Size tested 2202 x 2484mm – Type SHD	1200	-1200	360	A3 Level

ID	Product Type	Product***	Primary Designator**	Positive Design Pressure	Negative Design Pressure	Water Penetration Pressure	Canadian Air Leakage*
68	Single_Outswing_Door	[8'D-OS-W-FLSH-DBL]_Full_Lite	Class LC – PG25: Size tested 1101 x 2484mm – Type SHD	1200	-1200	360	A3 Level
69	DD_Transom_Inswing_Door	FIXTR/[8'DD-IS-W-FLSH-DBL]	Class LC – PG35: Size tested 2200 x 2887mm	1680	-1680	260	A3 Level
70	Transom	FIXTR_2200x2887mm	Class LC – PG35: Size tested 2200 x 410mm – Type TR	1680	-1680	260	A3 Level
71	Single_Inswing_Door	[8'D-IS-W-FLSH-DBL]_Full_Lite	Class LC – PG35: Size tested 2200 x 2477mm – Type SHD	1680	-1680	260	A3 Level
72	SDS_Transom_Inswing_Door	SLBTR/(FIXSLT)-[8'D-IS-W-MP]-(SLBSLT-FLSH)	Class LC – PG40: Size tested 3034 x 2930mm	1920	-1920	440	A3 Level
73	Single_Inswing_Door	[8'D-IS-W-MP]_Slb#417	Class LC – PG40: Size tested 1124 x 2475mm – Type SHD	1920	-1920	440	A3 Level
74	Transom	SLBTR_Slb#108-1124x2475mm	Class LC – PG40: Size tested 3034 x 455mm – Type TR	1920	-1920	440	A3 Level
75	Sidelite	(FIXSLT)-IS-W_955x2475mm	Class LC – PG40: Size tested 955 x 2475mm – Type SLT	1920	-1920	440	A3 Level
76	Sidelite	(SLBSLT-FLSH)-IS-W_Slb#110-955x2475mm	Class LC – PG40: Size tested 955 x 2475mm – Type SLT	1920	-1920	440	A3 Level
77	Mullion	MA-W-TBAR-57x92mm	Class LC – PG40: Size tested 3034mm span/2.86m ² – Type MA	1920	-1920	440	A3 Level
78	SDS_Transom_Inswing_Door	SLBTR/(FIXSLT)-[8'D-IS-W-FLSH-MP]-(SLBSLT-FLSH)_Full_Lite_Slb	Class LC – PG40: Size tested 3034 x 2930mm	1920	-1920	440	A3 Level
79	Single_Inswing_Door	[8'D-IS-W-FLSH-MP]_Slb#110-Full_Lite	Class LC – PG40: Size tested 1124 x 2475mm – Type SHD	1920	-1920	440	A3 Level
80	Transom	SLBTR_Slb#108-3034x455mm	Class LC – PG40: Size tested 3034 x 455mm – Type TR	1920	-1920	440	A3 Level
81	Sidelite	(FIXSLT)-IS-W_955x2475mm	Class LC – PG40: Size tested 955 x 2475mm – Type SLT	1920	-1920	440	A3 Level
82	Sidelite	(SLBSLT-FLSH)-IS-W_Slb#110-955x2475mm	Class LC – PG40: Size tested 955 x 2475mm – Type SLT	1920	-1920	440	A3 Level
83	Mullion	MA-W-TBAR-57x92mm	Class LC – PG40: Size tested 3034mm span/2.86m ² – Type MA	1920	-1920	440	A3 Level
84	SDS_Transom_Inswing_Door	SLBTR/(FIXSLT)-[8'D-IS-W-MP]-(SLBSLT-FLSH)_RPanel_Slb	Class LC – PG40: Size tested 3034 x 2930mm	1920	-1920	440	A3 Level

ID	Product Type	Product***	Primary Designator**	Positive Design Pressure	Negative Design Pressure	Water Penetration Pressure	Canadian Air Leakage*
85	Single_Inswing_Door	[8'D-IS-W-MP]_Slb#1910-Rpanel	Class LC – PG40: Size tested 1124 x 2475mm – Type SHD	1920	-1920	440	A3 Level
86	Transom	SLBTR_Slb#108-3034x455mm	Class LC – PG40: Size tested 3034 x 455mm – Type TR	1920	-1920	440	A3 Level
87	Sidelite	(FIXSLT)-IS-W_Slb#110-1124x2475mm	Class LC – PG40: Size tested 955 x 2475mm – Type SLT	1920	-1920	440	A3 Level
88	Sidelite	(SLBSLT-FLSH)-IS-W_1124x2475mm	Class LC – PG40: Size tested 955 x 2475mm – Type SLT	1920	-1920	440	A3 Level
89	Mullion	MA-W-TBAR-57x92mm	Class LC – PG40: Size tested 3034mm span/2.86m ² – Type MA	1920	-1920	440	A3 Level
90	SDS_Transom_Inswing_Door	FIXTR/(SLBSLT-FLSH)-[7'D-IS-W-DBL]- (SLBSLT-FLSH)	Class LC – PG40: Size tested 2837 x 2510mm	1920	-1920	440	A3 Level
91	Single_Inswing_Door	[7'D-IS-W-DBL]_Slb#1910	Class LC – PG40: Size tested 957 x 1570mm – Type SHD	1920	-1920	440	A3 Level
92	Transom	FIXTR_Slb#110	Class LC – PG40: Size tested 2837 x 450mm – Type TR	1920	-1920	440	A3 Level
93	Sidelite	(SLBSLT-FLSH)-IS-W_Slb#110	Class LC – PG40: Size tested 940 x 1570mm – Type SLT	1920	-1920	440	A3 Level
94	Sidelite	(SLBSLT-FLSH)-IS-FG_Slb#DRS10	Class LC – PG40: Size tested 940 x 1570mm – Type SLT	1920	-1920	440	A3 Level
95	Mullion	MA-W-TBAR-35x92mm	Class LC – PG40: Size tested 2837mm span/2.45m ² – Type MA	1920	-1920	440	A3 Level
96	DD_Outswing_Door	[8'DD-OS-W-FLSH-MP]_Slb#110	Class LC – PG35: Size tested 1890 x 2461mm – Type SHD	1680	-1680	330	A3 Level
97	Single_Outswing_Door	[8'D-OS-W-FLSH-MP]_Slb#110	Class LC – PG35: Size tested 945 x 2461mm – Type SHD	1680	-1680	330	A3 Level
98	DD_Outswing_Door	[8'DD-OS-W-DBL]_Slb#110	Class LC – PG50: Size tested 1880 x 2459mm – Type SHD	2400	-2400	620	A3 Level
99	Single_Inswing_Door	[8'D-OS-W-DBL]_Slb#110	Class LC – PG50: Size tested 945 x 2459mm – Type SHD	2400	-2400	620	A3 Level
100	Single_Inswing_Door	[8'D-IS-W-MP]_Slb#1910	Class LC – PG45: Size tested 1100 x 2468mm – Type SHD	2160	-2160	440	A3 Level
101	Single_Outswing_Door	[7'D-OS-W-DBL]_Slb#110	Class LC – PG45: Size tested 949 x 2153mm – Type SHD	2160	-2160	440	A3 Level

Listed products in the Model Table above also qualify the following typical configurations as described in the following tables from AAMA/WDMA/CSA 101/1.S.2/A440-11 below. A qualified configuration must have identical framing member cross-sections and an equal or smaller gateway size than the listed product. The tables of qualified configurations below are not all-inclusive; other configurations are permitted at the evaluation of QAI.

<p>Example A</p> 	<p>Qualifies any single fixed side lite or single fixed door system.</p> <p>Testing Example A qualifies A. Does not qualify B, C, D, E, F, or G.</p>	<p>Example E</p>  <p>Qualifies any single side-hinged door system combination assembly or composite unit having the same hinge location and having not more than one operable leaf or operable side lite.</p> <p>Testing Example E qualifies A, B, C, C hinged-at-center mull, and E. Does not qualify D, F, or G.</p>
<p>Example B</p> 	<p>Qualifies any single side-hinged door system having the same hinge location and having not more than one operable leaf or operable side lite.</p> <p>Testing Example B qualifies B. Does not qualify A, C, D, E, F, or G.</p>	<p>Example F</p>  <p>Qualifies any single side-hinged door system combination assembly or composite unit having the same hinge location and having not more than two operable leaves or two inoperable side lites.</p> <p>Testing Example F qualifies A, B, C, D, E, F, and C hinged-at-center. Does not qualify G.</p>
<p>Example C</p> 	<p>Qualifies any single side-hinged door system combination assembly or composite door system having the same hinge location (side jamb) and having not more than one operable leaf or operable side lite.</p> <p>Testing Example C qualifies A, B, or C. Does not qualify C hinged-at-center mull, D, E, F, or G. Testing Example C hinged-at-center mull qualifies A, B, or C hinged-at-center. Does not qualify C side jamb hinged, D, E, F, or G.</p>	<p>Example G</p>  <p>Qualifies any single side-hinged door system combination assembly or composite unit having the same hinge location and having not more than two operable leaves or two inoperable side lites and a transom.</p> <p>Testing Example G qualifies A, B, C, D, E, F, G, and C hinged-at-center.</p>
<p>Example D</p> 	<p>Qualifies any single side-hinged door system combination assembly or composite unit having the same hinge location and having not more than two operable leaves or operable side lites.</p> <p>Testing Example D qualifies B and D. Does not qualify A, C, E, F, or G.</p>	

<p>Example A</p> 	<p>Qualifies any single casement, vertically hinged and pivoted window.</p> <p>Testing Example A qualifies A, but does not qualify B, C, D, or E.</p>	<p>Example D</p>  <p>Note: This assembly qualifies casements that are hinged off the frame or integral mullion.</p> <p>Qualifies any single casement, vertically hinged and pivoted window or composite system with two operable sash.</p> <p>Testing Example D qualifies A, B, or D, but does not qualify C or E.</p>
<p>Example B</p>  <p>Note: This assembly does not qualify casements that are hinged off the intermediate mullion.</p>	<p>Qualifies any single casement, vertically hinged and pivoted window or composite system with one operable sash or a single fixed unit.</p> <p>Testing Example B qualifies A or B, but does not qualify C, D, or E.</p>	<p>Example E</p>  <p>Note: This assembly qualifies casements that are hinged off the frame or integral mullion.</p> <p>Qualifies any single casement, vertically hinged and pivoted window or composite system with four operable sash.</p> <p>Testing Example E qualifies A, C, or E, but does not qualify B or D.</p>
<p>Example C</p>  <p>Note: This assembly does not qualify casements that are hinged off the intermediate mullion.</p>	<p>Qualifies any single casement, vertically hinged and pivoted window or composite system with two operable sash.</p> <p>Testing Example C qualifies A or C, but does not qualify B, D, or E.</p>	

Casement, vertically hinged and pivoted windows and side-hinged doors

Notes:

- (1) The following qualification requirements shall apply:
 - (a) frame size shall not be bigger than tested height or width;
 - (b) individual sash size shall not be bigger than tested height or width; and
 - (c) individual fixed lites may be bigger in width or height than the tested fixed lite if in compliance with Clause 12.3.
- (2) The symbology used in this Standard/Specification for a hinged or pivoted sash or leaf is a line in the shape of a V. The open end of the V indicates the locking edge of the sash or leaf and the point of the V indicates the edge of the sash or leaf where the hinges or pivots are attached. See Figure 6.3.

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