

# NFRC Product Certification Authorization Report



**Manufacturer:** Don Young Company      **Product Series:** 5100 Single Slider Window      **Simulation Lab:** SATI      **Initial Cert. Date:** 12/02/2008  
**Street:** 8181 Ambassador Row      **Product Type:** HSOX      **Sim. Report #:** G6288.05-116-45      **Re-Certification Date:** 06/14/2017  
**City/State/Zip:** Dallas, TX 75247      **Air Leakage:** ≤ 0.3      **Sim. Report Date:** 06/02/2017      **Revised Date:** 06/02/2017  
**Print Date:** 12/07/2018      **VR (Standard Screen):**      **Test Date:** 04/08/2017      **Expiration Date:** 06/27/2022  
**VR (Enhanced Screen):**

CPD Number: DYC-A-30

IA: American Architectural Manufacturers Association

Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.
	00105-00001	"CLR / AIR / CLR (3MM/3MM) - 3/4" IG"	VI/VY	2		0.500	P1-S	Fill 1: AIR(100)	N		CL	0.46	0.61	0.64	46
	00105-00002	"CLR / AIR / CLR (3MM/3MM) - 3/4" IG"	VI/VY	2		0.500	P1-S	Fill 1: AIR(100)	G	0.75	CL	0.46	0.55	0.57	46
	00105-00003	"GRY / AIR / CLR (3MM/3MM) - 3/4" IG"	VI/VY	2		0.500	P1-S	Fill 1: AIR(100)	N		GY	0.46	0.46	0.43	46
	00105-00004	"GRY / AIR / CLR (3MM/3MM) - 3/4" IG"	VI/VY	2		0.500	P1-S	Fill 1: AIR(100)	G	0.75	GY	0.46	0.41	0.38	46
	00105-00005	"BRZ / AIR / CLR (3MM/3MM) - 3/4" IG"	VI/VY	2		0.500	P1-S	Fill 1: AIR(100)	N		BZ	0.46	0.49	0.48	46
	00105-00006	"BRZ / AIR / CLR (3MM/3MM) - 3/4" IG"	VI/VY	2		0.500	P1-S	Fill 1: AIR(100)	G	0.75	BZ	0.46	0.44	0.42	46
	00105-00007	"GRN / AIR / CLR (3MM/3MM) - 3/4" IG"	VI/VY	2		0.500	P1-S	Fill 1: AIR(100)	N		GR	0.46	0.48	0.59	46
	00105-00008	"GRN / AIR / CLR (3MM/3MM) - 3/4" IG"	VI/VY	2		0.500	P1-S	Fill 1: AIR(100)	G	0.75	GR	0.46	0.43	0.53	46
	00106-00001	"CLR / AIR / CLR (3MM/3MM) - 3/4" IG"	VI/VY	2		0.500	P1-S	Fill 1: AIR(100)	G	0.75	CL	0.46	0.55	0.57	46
	00106-00002	"GRY / AIR / CLR (3MM/3MM) - 3/4" IG"	VI/VY	2		0.500	P1-S	Fill 1: AIR(100)	G	0.75	GY	0.46	0.41	0.38	46
	00106-00003	"BRZ / AIR / CLR (3MM/3MM) - 3/4" IG"	VI/VY	2		0.500	P1-S	Fill 1: AIR(100)	G	0.75	BZ	0.46	0.44	0.42	46
	00106-00004	"GRN / AIR / CLR (3MM/3MM) - 3/4" IG"	VI/VY	2		0.500	P1-S	Fill 1: AIR(100)	G	0.75	GR	0.46	0.43	0.53	46
	00107-00001	"E366 / AIR / CLR (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(2)	0.500	P1-S	Fill 1: AIR(100)	N		CL	0.31	0.22	0.51	59
	00107-00002	"E366 / AIR / CLR (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(2)	0.500	P1-S	Fill 1: AIR(100)	G	0.75	CL	0.31	0.20	0.45	59
	00107-00003	"GRY / AIR / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	P1-S	Fill 1: AIR(100)	N		GY	0.31	0.23	0.34	59
	00107-00004	"GRY / AIR / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	P1-S	Fill 1: AIR(100)	G	0.75	GY	0.31	0.21	0.30	59
	00107-00005	"BRZ / AIR / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	P1-S	Fill 1: AIR(100)	N		BZ	0.31	0.25	0.37	59
	00107-00006	"BRZ / AIR / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	P1-S	Fill 1: AIR(100)	G	0.75	BZ	0.31	0.22	0.33	59
	00107-00007	"GRN / AIR / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	P1-S	Fill 1: AIR(100)	N		GR	0.31	0.28	0.46	59

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	00107-00008	"GRN / AIR / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	P1-S	Fill 1: AIR(100)	G	0.75	GR	0.31	0.25	0.41	59
	00108-00001	"E366 / AIR / CLR (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(2)	0.500	P1-S	Fill 1: AIR(100)	G	0.75	CL	0.33	0.20	0.45	59
	00108-00002	"GRY / AIR / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	P1-S	Fill 1: AIR(100)	G	0.75	GY	0.33	0.21	0.30	59
	00108-00003	"BRZ / AIR / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	P1-S	Fill 1: AIR(100)	G	0.75	BZ	0.33	0.22	0.33	59
	00108-00004	"GRN / AIR / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	P1-S	Fill 1: AIR(100)	G	0.75	GR	0.33	0.25	0.41	59
	00109-00001	"E366 / ARG90 / CLR (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(2)	0.500	P1-S	Fill 1: ARG/AIR(90/10)	N		CL	0.27	0.22	0.51	63
	00109-00002	"E366 / ARG90 / CLR (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(2)	0.500	P1-S	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.27	0.20	0.45	63
	00109-00003	"GRY / ARG90 / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	P1-S	Fill 1: ARG/AIR(90/10)	N		GY	0.27	0.23	0.34	63
	00109-00004	"GRY / ARG90 / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	P1-S	Fill 1: ARG/AIR(90/10)	G	0.75	GY	0.27	0.21	0.30	63
	00109-00005	"BRZ / ARG90 / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	P1-S	Fill 1: ARG/AIR(90/10)	N		BZ	0.27	0.24	0.37	63
	00109-00006	"BRZ / ARG90 / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	P1-S	Fill 1: ARG/AIR(90/10)	G	0.75	BZ	0.27	0.22	0.33	63
	00109-00007	"GRN / ARG90 / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	P1-S	Fill 1: ARG/AIR(90/10)	N		GR	0.27	0.28	0.46	63
	00109-00008	"GRN / ARG90 / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	P1-S	Fill 1: ARG/AIR(90/10)	G	0.75	GR	0.27	0.25	0.41	63
	00110-00001	"E366 / ARG90 / CLR (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(2)	0.500	P1-S	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.29	0.20	0.45	63
	00110-00002	"GRY / ARG90 / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	P1-S	Fill 1: ARG/AIR(90/10)	G	0.75	GY	0.29	0.21	0.30	63
	00110-00003	"BRZ / ARG90 / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	P1-S	Fill 1: ARG/AIR(90/10)	G	0.75	BZ	0.29	0.22	0.33	63
	00110-00004	"GRN / ARG90 / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	P1-S	Fill 1: ARG/AIR(90/10)	G	0.75	GR	0.29	0.25	0.41	63

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CPD Number: **DYC-A-30**

IA: American Architectural Manufacturers Association

Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.
	00111-00001	"CLR / AIR / CLR (3MM/3MM) - 3/4"" IG"	VI\VY	2		0.500	SS-D	Fill 1: AIR(100)	N		CL	0.47	0.61	0.64	44
	00111-00002	"CLR / AIR / CLR (3MM/3MM) - 3/4"" IG"	VI\VY	2		0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.47	0.55	0.57	44
	00111-00003	"GRY / AIR / CLR (3MM/3MM) - 3/4"" IG"	VI\VY	2		0.500	SS-D	Fill 1: AIR(100)	N		GY	0.47	0.46	0.43	44
	00111-00004	"GRY / AIR / CLR (3MM/3MM) - 3/4"" IG"	VI\VY	2		0.500	SS-D	Fill 1: AIR(100)	G	0.75	GY	0.47	0.41	0.38	44
	00111-00005	"BRZ / AIR / CLR (3MM/3MM) - 3/4"" IG"	VI\VY	2		0.500	SS-D	Fill 1: AIR(100)	N		BZ	0.47	0.49	0.48	44
	00111-00006	"BRZ / AIR / CLR (3MM/3MM) - 3/4"" IG"	VI\VY	2		0.500	SS-D	Fill 1: AIR(100)	G	0.75	BZ	0.47	0.44	0.42	44
	00111-00007	"GRN / AIR / CLR (3MM/3MM) - 3/4"" IG"	VI\VY	2		0.500	SS-D	Fill 1: AIR(100)	N		GR	0.47	0.48	0.59	44
	00111-00008	"GRN / AIR / CLR (3MM/3MM) - 3/4"" IG"	VI\VY	2		0.500	SS-D	Fill 1: AIR(100)	G	0.75	GR	0.47	0.43	0.53	44
	00112-00001	"CLR / AIR / CLR (3MM/3MM) - 3/4"" IG"	VI\VY	2		0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.47	0.55	0.57	44
	00112-00002	"GRY / AIR / CLR (3MM/3MM) - 3/4"" IG"	VI\VY	2		0.500	SS-D	Fill 1: AIR(100)	G	0.75	GY	0.47	0.41	0.38	44
	00112-00003	"BRZ / AIR / CLR (3MM/3MM) - 3/4"" IG"	VI\VY	2		0.500	SS-D	Fill 1: AIR(100)	G	0.75	BZ	0.47	0.44	0.42	44
	00112-00004	"GRN / AIR / CLR (3MM/3MM) - 3/4"" IG"	VI\VY	2		0.500	SS-D	Fill 1: AIR(100)	G	0.75	GR	0.47	0.43	0.53	44
	00113-00001	"CLR / AIR / CLR (5MM/5MM) - 3/4"" IG"	VI\VY	2		0.375	SS-D	Fill 1: AIR(100)	N		CL	0.48	0.58	0.63	42
	00114-00001	"CLR / AIR / CLR (5MM/5MM) - 3/4"" IG"	VI\VY	2		0.375	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.50	0.52	0.56	42
	00115-00001	"E270 / AIR / CLR (3MM/3MM) - 3/4"" IG"	VI\VY	2	0.037(2)	0.500	SS-D	Fill 1: AIR(100)	N		CL	0.32	0.29	0.55	55
	00115-00002	"E270 / AIR / CLR (3MM/3MM) - 3/4"" IG"	VI\VY	2	0.037(2)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.32	0.27	0.49	55
	00115-00003	"GRY / AIR / E270 (3MM/3MM) - 3/4"" IG"	VI\VY	2	0.037(3)	0.500	SS-D	Fill 1: AIR(100)	N		GY	0.32	0.27	0.37	55
	00115-00004	"GRY / AIR / E270 (3MM/3MM) - 3/4"" IG"	VI\VY	2	0.037(3)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	GY	0.32	0.25	0.33	55
	00115-00005	"BRZ / AIR / E270 (3MM/3MM) - 3/4"" IG"	VI\VY	2	0.037(3)	0.500	SS-D	Fill 1: AIR(100)	N		BZ	0.32	0.29	0.41	55
	00115-00006	"BRZ / AIR / E270 (3MM/3MM) - 3/4"" IG"	VI\VY	2	0.037(3)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	BZ	0.32	0.26	0.36	55

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	00115-00007	"GRN / AIR / E270 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.037(3)	0.500	SS-D	Fill 1: AIR(100)	N		GR	0.32	0.31	0.50	55	
	00115-00008	"GRN / AIR / E270 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.037(3)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	GR	0.32	0.28	0.45	55	
	00116-00001	"E270 / AIR / CLR (3MM/3MM) - 3/4" IG"	VI/VY	2	0.037(2)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.34	0.27	0.49	55	
	00116-00002	"GRY / AIR / E270 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.037(3)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	GY	0.34	0.25	0.33	55	
	00116-00003	"BRZ / AIR / E270 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.037(3)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	BZ	0.34	0.26	0.36	55	
	00116-00004	"GRN / AIR / E270 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.037(3)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	GR	0.34	0.28	0.45	55	
	00117-00001	"E270 / AIR / CLR (3MM/5MM) - 3/4" IG"	VI/VY	2	0.037(2)	0.438	SS-D	Fill 1: AIR(100)	N		CL	0.33	0.30	0.54	51	
	00117-00002	"E270 / AIR / CLR (3MM/5MM) - 3/4" IG"	VI/VY	2	0.037(2)	0.438	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.33	0.27	0.49	51	
	00118-00001	"E270 / AIR / CLR (3MM/5MM) - 3/4" IG"	VI/VY	2	0.037(2)	0.438	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.35	0.27	0.49	51	
	00119-00001	"E270 / AIR / CLR (5MM/5MM) - 3/4" IG"	VI/VY	2	0.037(2)	0.375	SS-D	Fill 1: AIR(100)	N		CL	0.35	0.29	0.54	52	
	00120-00001	"E270 / AIR / CLR (5MM/5MM) - 3/4" IG"	VI/VY	2	0.037(2)	0.375	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.38	0.26	0.48	52	
	00121-00001	"E340 / AIR / CLR (3MM/3MM) - 3/4" IG"	VI/VY	2	0.028(2)	0.500	SS-D	Fill 1: AIR(100)	N		CL	0.32	0.15	0.30	55	
	00121-00002	"E340 / AIR / CLR (3MM/3MM) - 3/4" IG"	VI/VY	2	0.028(2)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.32	0.14	0.27	55	
	00122-00001	"E340 / AIR / CLR (3MM/3MM) - 3/4" IG"	VI/VY	2	0.028(2)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.34	0.14	0.27	56	
	00123-00001	"E340 / AIR / CLR (3MM/5MM) - 3/4" IG"	VI/VY	2	0.028(2)	0.438	SS-D	Fill 1: AIR(100)	N		CL	0.33	0.15	0.30	54	
	00123-00002	"E340 / AIR / CLR (3MM/5MM) - 3/4" IG"	VI/VY	2	0.028(2)	0.438	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.33	0.14	0.27	54	
	00124-00001	"E340 / AIR / CLR (3MM/5MM) - 3/4" IG"	VI/VY	2	0.028(2)	0.438	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.35	0.14	0.27	54	

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Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00125-00001	"E340 / AIR / CLR (5MM/5MM) - 3/4" IG"	VI/VY	2	0.028(2)	0.375	SS-D	Fill 1: AIR(100)	N		CL	0.35	0.16	0.30	52	
	00126-00001	"E340 / AIR / CLR (5MM/5MM) - 3/4" IG"	VI/VY	2	0.028(2)	0.375	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.38	0.14	0.27	52	
	00127-00001	"E340 / AIR / i89 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: AIR(100)	N		CL	0.27	0.14	0.30	43	
	00127-00002	"E340 / AIR / i89 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.27	0.13	0.26	43	
	00128-00001	"E340 / AIR / i89 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.28	0.13	0.26	43	
	00129-00001	"E340 / AIR / i89 (3MM/5MM) - 3/4" IG"	VI/VY	2	0.028(2), 0.149(4)	0.438	SS-D	Fill 1: AIR(100)	N		CL	0.28	0.14	0.29	42	
	00129-00002	"E340 / AIR / i89 (3MM/5MM) - 3/4" IG"	VI/VY	2	0.028(2), 0.149(4)	0.438	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.28	0.13	0.26	42	
	00130-00001	"E340 / AIR / i89 (3MM/5MM) - 3/4" IG"	VI/VY	2	0.028(2), 0.149(4)	0.438	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.29	0.13	0.26	42	
	00131-00001	"E340 / AIR / i89 (5MM/5MM) - 3/4" IG"	VI/VY	2	0.028(2), 0.149(4)	0.375	SS-D	Fill 1: AIR(100)	N		CL	0.29	0.15	0.29	40	
	00132-00001	"E340 / AIR / i89 (5MM/5MM) - 3/4" IG"	VI/VY	2	0.028(2), 0.149(4)	0.375	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.32	0.13	0.26	39	
	00133-00001	"E366 / AIR / CLR (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(2)	0.500	SS-D	Fill 1: AIR(100)	N		CL	0.32	0.22	0.51	56	
	00133-00002	"E366 / AIR / CLR (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(2)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.32	0.20	0.45	56	
	00133-00003	"GRY / AIR / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	SS-D	Fill 1: AIR(100)	N		GY	0.32	0.23	0.34	56	
	00133-00004	"GRY / AIR / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	GY	0.32	0.21	0.30	56	
	00133-00005	"BRZ / AIR / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	SS-D	Fill 1: AIR(100)	N		BZ	0.32	0.25	0.37	56	
	00133-00006	"BRZ / AIR / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	BZ	0.32	0.22	0.33	56	
	00133-00007	"GRN / AIR / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	SS-D	Fill 1: AIR(100)	N		GR	0.32	0.28	0.46	56	
	00133-00008	"GRN / AIR / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	GR	0.32	0.25	0.41	56	
	00134-00001	"E366 / AIR / CLR (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(2)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.34	0.20	0.45	56	

# NFRC Product Certification Authorization Report



**Manufacturer:** Don Young Company      **Product Series:** 5100 Single Slider Window      **Simulation Lab:** SATI      **Initial Cert. Date:** 12/02/2008  
**Street:** 8181 Ambassador Row      **Product Type:** HSOX      **Sim. Report #:** G6288.05-116-45      **Re-Certification Date:** 06/14/2017  
**City/State/Zip:** Dallas, TX 75247      **Air Leakage:** ≤ 0.3      **Sim. Report Date:** 06/02/2017      **Revised Date:** 06/02/2017  
**Print Date:** 12/07/2018      **VR (Standard Screen):**      **Test Date:** 04/08/2017      **Expiration Date:** 06/27/2022  
**VR (Enhanced Screen):**

CPD Number: DYC-A-30															IA: American Architectural Manufacturers Association	
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyr	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00134-00002	"GRY / AIR / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	GY	0.34	0.21	0.30	56	
	00134-00003	"BRZ / AIR / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	BZ	0.34	0.22	0.33	56	
	00134-00004	"GRN / AIR / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	GR	0.34	0.25	0.41	56	
	00135-00001	"E366 / AIR / CLR (3MM/5MM) - 3/4" IG"	VI/VY	2	0.022(2)	0.438	SS-D	Fill 1: AIR(100)	N		CL	0.33	0.22	0.50	54	
	00135-00002	"E366 / AIR / CLR (3MM/5MM) - 3/4" IG"	VI/VY	2	0.022(2)	0.438	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.33	0.20	0.45	54	
	00136-00001	"E366 / AIR / CLR (3MM/5MM) - 3/4" IG"	VI/VY	2	0.022(2)	0.438	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.35	0.20	0.45	54	
	00137-00001	"E366 / AIR / CLR (5MM/5MM) - 3/4" IG"	VI/VY	2	0.022(2)	0.375	SS-D	Fill 1: AIR(100)	N		CL	0.34	0.23	0.50	53	
	00138-00001	"E366 / AIR / CLR (5MM/5MM) - 3/4" IG"	VI/VY	2	0.022(2)	0.375	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.38	0.20	0.44	53	
	00139-00001	"E366 / AIR / CL-LAMI (3MM/3MM 030 PVB 3MM) - 3/4" IG"	VI/VY	2	0.022(2)	0.344	SS-D	Fill 1: AIR(100)	N		CL	0.35	0.22	0.50	50	
	00140-00001	"E366 / AIR / CL-LAMI (3MM/3MM 030 PVB 3MM) - 3/4" IG"	VI/VY	2	0.022(2)	0.344	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.40	0.20	0.44	50	
	00141-00001	"E366 / AIR / i89 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(2), 0.149(4)	0.500	SS-D	Fill 1: AIR(100)	N		CL	0.27	0.22	0.49	43	
	00141-00002	"E366 / AIR / i89 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(2), 0.149(4)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.27	0.20	0.44	43	
	00142-00001	"E366 / AIR / i89 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(2), 0.149(4)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.28	0.20	0.44	43	
	00143-00001	"E366 / AIR / i89 (3MM/5MM) - 3/4" IG"	VI/VY	2	0.022(2), 0.149(4)	0.438	SS-D	Fill 1: AIR(100)	N		CL	0.28	0.22	0.49	42	
	00143-00002	"E366 / AIR / i89 (3MM/5MM) - 3/4" IG"	VI/VY	2	0.022(2), 0.149(4)	0.438	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.28	0.20	0.44	42	
	00144-00001	"E366 / AIR / i89 (3MM/5MM) - 3/4" IG"	VI/VY	2	0.022(2), 0.149(4)	0.438	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.29	0.20	0.44	42	
	00145-00001	"E366 / AIR / i89 (5MM/5MM) - 3/4" IG"	VI/VY	2	0.022(2), 0.149(4)	0.375	SS-D	Fill 1: AIR(100)	N		CL	0.29	0.22	0.49	40	
	00146-00001	"E366 / AIR / i89 (5MM/5MM) - 3/4" IG"	VI/VY	2	0.022(2), 0.149(4)	0.375	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.31	0.20	0.43	39	
	00147-00001	"E270 / ARG90 / CLR (3MM/3MM) - 3/4" IG"	VI/VY	2	0.037(2)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.29	0.29	0.55	59	

# NFRC Product Certification Authorization Report



**Manufacturer:** Don Young Company      **Product Series:** 5100 Single Slider Window      **Simulation Lab:** SATI      **Initial Cert. Date:** 12/02/2008  
**Street:** 8181 Ambassador Row      **Product Type:** HSOX      **Sim. Report #:** G6288.05-116-45      **Re-Certification Date:** 06/14/2017  
**City/State/Zip:** Dallas, TX 75247      **Air Leakage:** ≤ 0.3      **Sim. Report Date:** 06/02/2017      **Revised Date:** 06/02/2017  
**Print Date:** 12/07/2018      **VR (Standard Screen):**      **Test Date:** 04/08/2017      **Expiration Date:** 06/27/2022  
**VR (Enhanced Screen):**

CPD Number: **DYC-A-30**

IA: American Architectural Manufacturers Association

Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lysr	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.
	00147-00002	"E270 / ARG90 / CLR (3MM/3MM) - 3/4" IG"	VI/VY	2	0.037(2)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.29	0.26	0.49	59
	00147-00003	"GRY / ARG90 / E270 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.037(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	N		GY	0.29	0.27	0.37	59
	00147-00004	"GRY / ARG90 / E270 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.037(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	GY	0.29	0.24	0.33	59
	00147-00005	"BRZ / ARG90 / E270 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.037(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	N		BZ	0.29	0.29	0.41	59
	00147-00006	"BRZ / ARG90 / E270 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.037(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	BZ	0.29	0.26	0.36	59
	00147-00007	"GRN / ARG90 / E270 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.037(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	N		GR	0.29	0.31	0.50	59
	00147-00008	"GRN / ARG90 / E270 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.037(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	GR	0.29	0.28	0.45	59
	00148-00001	"E270 / ARG90 / CLR (3MM/3MM) - 3/4" IG"	VI/VY	2	0.037(2)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.30	0.26	0.49	59
	00148-00002	"GRY / ARG90 / E270 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.037(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	GY	0.30	0.24	0.33	59
	00148-00003	"BRZ / ARG90 / E270 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.037(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	BZ	0.30	0.26	0.36	59
	00148-00004	"GRN / ARG90 / E270 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.037(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	GR	0.30	0.28	0.45	59
	00149-00001	"E270 / ARG90 / CLR (3MM/5MM) - 3/4" IG"	VI/VY	2	0.037(2)	0.438	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.29	0.29	0.54	57
	00149-00002	"E270 / ARG90 / CLR (3MM/5MM) - 3/4" IG"	VI/VY	2	0.037(2)	0.438	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.29	0.26	0.49	57
	00150-00001	"E270 / ARG90 / CLR (3MM/5MM) - 3/4" IG"	VI/VY	2	0.037(2)	0.438	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.31	0.26	0.49	57
	00151-00001	"E270 / ARG90 / CLR (5MM/5MM) - 3/4" IG"	VI/VY	2	0.037(2)	0.375	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.30	0.29	0.54	56
	00152-00001	"E270 / ARG90 / CLR (5MM/5MM) - 3/4" IG"	VI/VY	2	0.037(2)	0.375	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.34	0.26	0.48	56
	00153-00001	"E340 / ARG90 / CLR (3MM/3MM) - 3/4" IG"	VI/VY	2	0.028(2)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.29	0.14	0.30	59

# NFRC Product Certification Authorization Report



**Manufacturer:** Don Young Company      **Product Series:** 5100 Single Slider Window      **Simulation Lab:** SATI      **Initial Cert. Date:** 12/02/2008  
**Street:** 8181 Ambassador Row      **Product Type:** HSOX      **Sim. Report #:** G6288.05-116-45      **Re-Certification Date:** 06/14/2017  
**City/State/Zip:** Dallas, TX 75247      **Air Leakage:** ≤ 0.3      **Sim. Report Date:** 06/02/2017      **Revised Date:** 06/02/2017  
**Print Date:** 12/07/2018      **VR (Standard Screen):**      **Test Date:** 04/08/2017      **Expiration Date:** 06/27/2022  
**VR (Enhanced Screen):**

CPD Number: DYC-A-30														IA: American Architectural Manufacturers Association		
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00153-00002	"E340 / ARG90 / CLR (3MM/3MM) - 3/4" IG"	VI/VY	2	0.028(2)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.29	0.13	0.27	59	
	00154-00001	"E340 / ARG90 / CLR (3MM/3MM) - 3/4" IG"	VI/VY	2	0.028(2)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.30	0.13	0.27	59	
	00155-00001	"E340 / ARG90 / CLR (3MM/5MM) - 3/4" IG"	VI/VY	2	0.028(2)	0.438	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.29	0.15	0.30	58	
	00155-00002	"E340 / ARG90 / CLR (3MM/5MM) - 3/4" IG"	VI/VY	2	0.028(2)	0.438	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.29	0.13	0.27	58	
	00156-00001	"E340 / ARG90 / CLR (3MM/5MM) - 3/4" IG"	VI/VY	2	0.028(2)	0.438	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.31	0.13	0.27	58	
	00157-00001	"E340 / ARG90 / CLR (5MM/5MM) - 3/4" IG"	VI/VY	2	0.028(2)	0.375	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.30	0.15	0.30	56	
	00158-00001	"E340 / ARG90 / CLR (5MM/5MM) - 3/4" IG"	VI/VY	2	0.028(2)	0.375	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.33	0.14	0.27	56	
	00159-00001	"E340 / ARG90 / i89 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.25	0.14	0.30	47	
	00159-00002	"E340 / ARG90 / i89 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.25	0.13	0.26	47	
	00160-00001	"E340 / ARG90 / i89 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.26	0.13	0.26	47	
	00161-00001	"E340 / ARG90 / i89 (3MM/5MM) - 3/4" IG"	VI/VY	2	0.028(2), 0.149(4)	0.438	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.25	0.14	0.29	46	
	00161-00002	"E340 / ARG90 / i89 (3MM/5MM) - 3/4" IG"	VI/VY	2	0.028(2), 0.149(4)	0.438	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.25	0.13	0.26	46	
	00162-00001	"E340 / ARG90 / i89 (3MM/5MM) - 3/4" IG"	VI/VY	2	0.028(2), 0.149(4)	0.438	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.26	0.13	0.26	46	
	00163-00001	"E340 / ARG90 / i89 (5MM/5MM) - 3/4" IG"	VI/VY	2	0.028(2), 0.149(4)	0.375	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.26	0.14	0.29	44	
	00164-00001	"E340 / ARG90 / i89 (5MM/5MM) - 3/4" IG"	VI/VY	2	0.028(2), 0.149(4)	0.375	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.28	0.13	0.26	44	
	00165-00001	"E366 / ARG90 / CLR (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(2)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.28	0.22	0.51	59	
	00165-00002	"E366 / ARG90 / CLR (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(2)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.28	0.20	0.45	59	



# NFRC Product Certification Authorization Report



**Manufacturer:** Don Young Company      **Product Series:** 5100 Single Slider Window      **Simulation Lab:** SATI      **Initial Cert. Date:** 12/02/2008  
**Street:** 8181 Ambassador Row      **Product Type:** HSOX      **Sim. Report #:** G6288.05-116-45      **Re-Certification Date:** 06/14/2017  
**City/State/Zip:** Dallas, TX 75247      **Air Leakage:** ≤ 0.3      **Sim. Report Date:** 06/02/2017      **Revised Date:** 06/02/2017  
**Print Date:** 12/07/2018      **VR (Standard Screen):**      **Test Date:** 04/08/2017      **Expiration Date:** 06/27/2022  
**VR (Enhanced Screen):**

CPD Number: DYC-A-30														IA: American Architectural Manufacturers Association		
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Llys	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00165-00003	"GRY / ARG90 / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	N		GY	0.28	0.23	0.34	59	
	00165-00004	"GRY / ARG90 / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	GY	0.28	0.21	0.30	59	
	00165-00005	"BRZ / ARG90 / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	N		BZ	0.28	0.24	0.37	59	
	00165-00006	"BRZ / ARG90 / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	BZ	0.28	0.22	0.33	59	
	00165-00007	"GRN / ARG90 / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	N		GR	0.28	0.28	0.46	59	
	00165-00008	"GRN / ARG90 / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	GR	0.28	0.25	0.41	59	
	00166-00001	"E366 / ARG90 / CLR (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(2)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.30	0.20	0.45	59	
	00166-00002	"GRY / ARG90 / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	GY	0.30	0.21	0.30	59	
	00166-00003	"BRZ / ARG90 / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	BZ	0.30	0.22	0.33	59	
	00166-00004	"GRN / ARG90 / E366 (3MM/3MM) - 3/4" IG"	VI/VY	2	0.022(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	GR	0.30	0.25	0.41	59	
	00167-00001	"E366 / ARG90 / CLR (3MM/5MM) - 3/4" IG"	VI/VY	2	0.022(2)	0.438	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.28	0.22	0.50	58	
	00167-00002	"E366 / ARG90 / CLR (3MM/5MM) - 3/4" IG"	VI/VY	2	0.022(2)	0.438	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.28	0.20	0.45	58	
	00168-00001	"E366 / ARG90 / CLR (3MM/5MM) - 3/4" IG"	VI/VY	2	0.022(2)	0.438	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.31	0.20	0.45	58	
	00169-00001	"E366 / ARG90 / CLR (5MM/5MM) - 3/4" IG"	VI/VY	2	0.022(2)	0.375	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.30	0.22	0.50	56	
	00170-00001	"E366 / ARG90 / CLR (5MM/5MM) - 3/4" IG"	VI/VY	2	0.022(2)	0.375	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.33	0.20	0.44	56	
	00171-00001	"E366 / ARG90 / CL-LAMI (3MM/3MM 030 PVB 3MM) - 3/4" IG"	VI/VY	2	0.022(2)	0.344	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.30	0.22	0.50	56	
	00172-00001	"E366 / ARG90 / CL-LAMI (3MM/3MM 030 PVB 3MM) - 3/4" IG"	VI/VY	2	0.022(2)	0.344	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.35	0.20	0.44	56	

# NFRC Product Certification Authorization Report



**Manufacturer:** Don Young Company      **Product Series:** 5100 Single Slider Window      **Simulation Lab:** SATI      **Initial Cert. Date:** 12/02/2008  
**Street:** 8181 Ambassador Row      **Product Type:** HSOX      **Sim. Report #:** G6288.05-116-45      **Re-Certification Date:** 06/14/2017  
**City/State/Zip:** Dallas, TX 75247      **Air Leakage:** ≤ 0.3      **Sim. Report Date:** 06/02/2017      **Revised Date:** 06/02/2017  
**Print Date:** 12/07/2018      **VR (Standard Screen):**      **Test Date:** 04/08/2017      **Expiration Date:** 06/27/2022  
**VR (Enhanced Screen):**

CPD Number: DYC-A-30													IA: American Architectural Manufacturers Association			
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00173-00001	"E366 / ARG90 / i89 (3MM/3MM) - 3/4" IG"	VI\Y	2	0.022(2), 0.149(4)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.25	0.21	0.49	47	
	00173-00002	"E366 / ARG90 / i89 (3MM/3MM) - 3/4" IG"	VI\Y	2	0.022(2), 0.149(4)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.25	0.19	0.44	47	
	00174-00001	"E366 / ARG90 / i89 (3MM/3MM) - 3/4" IG"	VI\Y	2	0.022(2), 0.149(4)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.26	0.19	0.44	47	
	00175-00001	"E366 / ARG90 / i89 (3MM/5MM) - 3/4" IG"	VI\Y	2	0.022(2), 0.149(4)	0.438	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.25	0.21	0.49	46	
	00175-00002	"E366 / ARG90 / i89 (3MM/5MM) - 3/4" IG"	VI\Y	2	0.022(2), 0.149(4)	0.438	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.25	0.19	0.44	46	
	00176-00001	"E366 / ARG90 / i89 (3MM/5MM) - 3/4" IG"	VI\Y	2	0.022(2), 0.149(4)	0.438	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.26	0.19	0.44	46	
	00177-00001	"E366 / ARG90 / i89 (5MM/5MM) - 3/4" IG"	VI\Y	2	0.022(2), 0.149(4)	0.375	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.26	0.21	0.49	44	
	00178-00001	"E366 / ARG90 / i89 (5MM/5MM) - 3/4" IG"	VI\Y	2	0.022(2), 0.149(4)	0.375	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.28	0.19	0.43	44	

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**Baseline Information**

<b>Test Lab</b>	<b>Test Date</b>	<b>Test Size</b>	<b>Tested U-Value</b>	<b>Standard U-Value</b>	<b>Test Report Number</b>
<b>TATI</b>	<b>04/08/2017</b>	1499 mm x 1200 mm	0.261	0.258	G6289.05-116-46

**Comments:**

I hereby certify that all requirements for NFRC Certification Authorization have been met and that the above information is true and correct, to the best of my knowledge.

Authorized IA  
Signature: \_\_\_\_\_