รายการอ้างอิง

ภาษาไทย

ณัฏฐ พิชกรรม, ศศิยา ศิริพาณิช, อลิศรา มีนะกนิษฐ์ และเอื้อมพร วีสมหมาย. พรรณไม้ในงานภูมิสถาปัตยกรรม. กรุงเทพมหานคร : พิมพ์ดี, 2540.

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ภาคผนวก

ผลการทดลองขั้นตอนที่ 1 แสดง [illegible] วันที่บันทึกผล 8.00/26.2.42 ถึงวันที่ 15.30/27.2.42

TIME	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	DB	WB	WIND	RAD	SKY	RH
	MODEL 1					MODEL 2					MODEL 3					MODEL 4					MODEL 5					MODEL 6					COMFORT FACTOR					
	1.1	1.2	1.3		1.4	2.1	2.2	2.3		2.4	3.1	3.2	3.3		3.4	4.1	4.2	4.3		4.4	5.1	5.2	5.3		5.4	6.1	6.2	6.3		6.4	31	32	M/S	BTU	C/O	%
6.00	24	24	23		22	24	23	23		22	27	26	26		23	26	25	26		24	26	25	25		23	27	26	25		24	26	23				
6.30	24	24	23		22	24	23	23		22	26	25	25		22	25	25	25		23	25	24	24		22	25	24	24		22	25	22				
7.00	24	24	23		22	24	23	23		22	26	25	25		22	25	25	25		23	25	24	24		22	26	25	24		23	25	22				
7.30	25.5	25	25		24	25.5	25	25		24	27	27	26		25	26	26	26		26	26	25.5	25		24	26	25	25		24	26	23				
8.00	29	29	29		28	29	29	30		28	28	29	28		28	30	30.5	28.5		31	27	26.5	27		27	27	26	26		28	26.5	24				
8.30	32	33	33		32	35	35	36		34	30	30	30		31	29	29	29		35	28	28	28		29	28	28	27.5		31.5	29.5	24				
9.00	40	40	41		38	41	41	44		42	33	33	33		36	31	32	33		39	30	30	30		35	30	30	30		35	29	23				
9.30	43	45	47		41	46	47	49		47	33	34	36		39	32	33	35		43	31	31	31		35	31	31	31		37	30.5	25				
10.00	52	52	54		45	52.5	53	53		52	34	35	38		42	32	33.5	34		46	32	32	32		40	32	31.5	32		39	31	25				
10.30	60	4	63		51	59	60	62		59	35	37	39		44	33	36	36		48	33	33	33		43	34	33	33		42	32	25				
11.00	67	68	70		52	64	65	66		61	36	38	39.5		47	35	34	37		51	34	34	34		44	34	33	33		43	33	25				
11.30	74	74	75		56	68	68.1	70		65	37	38	39		49	35	37	37		52	33	33	35		46	34	33	34		45	33	25				
12.00	77.5	78	79		58	71	70.5	72		67	38	40	46		50	34	39	39		54	35	34	36		48	35	33.5	34		45	33.5	26				
12.30	79	79	81		57	71	71	72		69	38	39	45		50	36	38	39		53	34	33	35		46	34	33	34		45	34	26				
13.00	81	81	82		57	70	69	70		65	40	40	43		49	36	38	40		54	35	34	35		46	35	33	35		45	36	27				
13.30	81	81	82		56	69	69	70		64	39	39	42		49	36	38	39		51	35	35	36		46	35	34	35		44	35	26				
14.00	79	80	81.5		56	68	68	69		63.5	39	39	42		49	36	38	38		51	35	35	36		46	34	34	36		44	34	26				
14.30	76	77.5	79		54	64	64	65.5		59	38	38	39		47	36	37	38		49	33	34	35		44	34	35	34		42	34	26				
15.00	72	73	75		51	60	60	62		56	38	38	39		45	35	36	36		46	33	33	34		42	33	33	34		41	34	25				
15.30	69	70	72		49	58	58	59		54	37	37	38		45	35	36	37		46	33	33	35		42	33	33	35		42	34	25				
16.00	65.5	64	66		45	52	52	53		49	37	37	38		42	35	36	37		42	34	34	35		39	34	34	35		39	34	26				
16.30	57	57.5	59		41	47	47	47		44	35	35	36		39	34	34	35		39	33	33	34		37	34	33	33		36	34	26				
17.00	51.5	52	52.5		38	43	51	51		39	34	34	34		35.5	32	33	33		35	32	32	32		34	32	32	32		33	32	25				
17.30	47	46	47		34	37	37	36		34	33.5	33	33		33	32	32	32		33	32	32	32		31.5	32	31.5	31		32	32	25				
18.00	41	40	40		31	33	32	32		30	32	32	31.5		29	31	31	31		30	30.5	30	30		28.5	30.5	29	29		29	31	25				
18.30	35	36	36		29	30	29	29		28	32	31	30		28	30	30	30		28	30	29	29		27	30	29	29		28	30	24				
19.00	33	33	32		26.5	28	27	27		26	29	29	29		26	28.5	29	28		27	28	28	28		26	29	28	28		27	29	22.5				
19.30	31	31	31		26	27.5	27	27		26	29	29	29		26	29	29	28		27	28	28	28		26	28	28	27		26	28.5	23				
20.00	30	30	29		26	27	27	27		25	29	29	28		26	28	28	28		27	28	28	27.5		25	28	27	27		26	28	23				
20.30	29	29	28		26	27	27	26		25	29	29	28		26	28	28	28		27	28	27	27		25	28	27	27		26	28	23				
21.00	28	28	28		25	27	26	26		25	29	29	28		26	28	28	28		27	28	27	27		25	28	27	27		26	28	23				
21.30	28	27	27		25	26	26	26		25	28	28	28		26	27	27	27		26	27	27	27		25	28	27	27		26	28	23.5				
22.00	28	27	27		25	27	26	26		25	29	28	28		26	28	28	28		26	28	27	27		25	28	27	26.5		26	27	24				
22.30	27	27	27		25	27	26	26		25	29	28	28		26	28	28	28		26	27	27	27		25	27	27	26		25	27	24				
23.00	27	26	26		25	26	25	25		24	28	28	27		25	27	27	27		26	27	27	26		24	26	27	27		25	27	23				
23.30	27	26	26		25	26	25	25		24	28	28	27		25	27	27	27		26	27	27	26		24	27	26	26		25	25	23				
00.00	27	26	26		25	26	25	25		24	28	28	27		25	27	27	27		26	27	27	26		24	27	26	26		25	27	23				
00.30	26.5	26	26		24.5	26	25	25		24	27	27	27		25	27	27	27		26	27	26.5	26		24.5	27	26	26		25	27	23				
01.00	26	26	24		24	26	25	25		24	27	27	27		25	27	27	27		26	27	26	26		24	27	26	26		25	27	23				
01.30	26	26	25		24	25	25	25		24	27	27	26.5		25	27	27	27		25	27	26	26		24	27	26	25		24	26.5	23				
02.00	26	25.5	25		24	25	25	24		23	27	27	26		24	27	27	26		25	26	26	26		24	27	26	25		24	26	23				
02.30	26	25	25		23.5	25	25	24		23	27	27	26		24	27	27	26		25	26	26	26		24	27	26	25		24	26	23				
03.00	25.5	25	25		23	25	25	24		23	27	27	26		24	26.5	26	26		25	26	26	26		23.5	26	26	25		24	26	23				
03.30	25	25	25		23	25	24	24		23	26	26	26		24	26	26	26		24	26	25	25		23	26	25	25		23	26	23				
04.00	25	25	24		23	24.5	24	24		23	26	26	25		24	26	26	26		24	26	25	25		23	26	25	24.5		23	25.5	23				
04.30	25	25	24		23	24.5	24	24		23	27	26	25		23	26	26	26		24	26	25	25		23	26	25	24.5		23.5	26	23				
05.00	25	25	24		23	24	24	24		23	27	26	26		23	26	26	26		24	26	25	25		23	26	25	24		23	26	23				
05.30	24.5	24	24		22	23	23	23		22	25	25	24		22	24	24	24		23	24	23	23		21	26	25	25		23	[illegible]	[illegible]				

ผลการทดลองชั้นลอนที่ 1 แสดง [illegible] วันที่บันทึกผล 6.00/29.2.42 ถึงวันที่ 5.30/28.2.42

TIME	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	DB	WB	WIND	RAD	SKY	RH
	MODEL 1					MODEL 2					MODEL 3					MODEL 4					MODEL 5					MODEL 6					COMFORT FACTOR					
	1.1	1.2	1.3		1.4	2.1	2.2	2.3		2.4	3.1	3.2	3.3		3.4	4.1	4.2	4.3		4.4	5.1	5.2	5.3		5.4	6.1	6.2	6.3		6.4	31	32	M/S	BTU	C/O	%
6.00	23	24	24		23	24	23	23		22	26	26	25		23	25	25	25		24	25	26.5	24		22	25	24.5	24		23	25	23				
6.30	24	24	24		22	24	23	23		22	26	25	25		23	25	24	25		24	24.5	24	24		22	25	24	24		23	25	23				
7.00	25	25	24		23	25	24	24		23	27	27	26		24	26	26	26		24.5	26	25	25		23	26	25	25		24	26	24				
7.30	26	25	25		24	26	25	25		24	28	27	27		25	27	27	26.5		26	26	26	26		24	26	26	25		25	26	24				
8.00	30	30	30		29	31	30	32		30.5	30	30	31		29	27	29	28		32	27	27	27		28	28	27.5	27		29	27	24				
8.30	33	33	34		32	35	35	37		36	30	30	31		32	28.5	29	29		34	28	28	28		31	28	29.5	28		32	28	24	[illegible]			
9.00	39	39	40		38	41	41	44		43	32	32	32		36	29	32	31		39	29	28	29		35	30	29	30		35	28	25				
9.30	46	47	49		43	45	48	51		46	34	34	35		40	31	33	33		41	31	31	32		32	31	30	31		37	30	25				
10.00	54	55	57		48	55	56	58		55	35	36	37		45	32	34	34		36	32	32	33		32	33	32	32		41	32	26				
10.30	62	63	65		53	61	62	62		62	37	38	42		47	33	35	35		42	32	33	34		45	34	32	34		45	32	25				
11.00	70	71	72		55	67	67	66		65	38	39	42		45	35	37	39		42	35	34	34		42	36	35	35		46	34	26				
11.30	76	76	77		58	70	70	71		66	38	38	40		49	34	36	36		50	32	32	34		46	34	34	35		45	34	26				
12.00	79	79	80		57	72	73	73		68	39	41	44		50	37	38	41		55	35	35	36		47	38	38	35		47	35	26				
12.30	82	82	85		58	73.5	75	74		69	41	42	48		51	38	39	43		55	35	35	35		47	37	38	35		46	35	25				
13.00	85	84	85		60	75	74	75		70	39	41	46		52	36	40	42		56	36	35	37		49	35	35	36		48	35	25				
13.30	85	85	86		59	73	73	74		69	39	42	48		52	37	39	43		55	36	37	37		49	37	36	37		49	35	26				
14.00	82.5	82	85		58	71	71.5	73		67	39	41	45		51	35	38	38		54	34	34	36		48	36	36	37		48	35	26				
14.30	79	80	83		54	67	67	68		62	37	39	39		46	34	37	36		48	34	33	35		44	34	34	35		42	35	26				
15.00	75	75	78		52	62	62	63		59	36	37	38		46	34	36	35		47	33.5	33	35		43	34	33	34		41	35	26				
15.30	68	69	71		49	56	56	57		53	38	39	40		45	36.5	38	38		46	34	34	36		42	35	34	35		41	34	26				
16.00	64	65	67		46	53	53	54		51	37	38	38		43	35.5	36	37		44	35	35	35		40	35	35	35		40	34	25				
16.30	57.5	58	59		44	48	47.5	48		46	37	37.5	38		40.5	35.5	36	37		42	35	35	35		40	35	35	35		39	34	25				
17.00	53	53	54.5		40	44	44	44		43	36	36	37		38	35	35.5	36		39	34	34	34		36	34	34	34		36	33.5	25				
17.30	48	48	49		36	39	39	39		37	36	36	35.5		35	34	35	35		36	34	33.5	33.5		33.5	34	33	33		34	33.5	25				
18.00	44	44	44		34	36	35	35		33	34	34	33		32	33	33	33		32	32	32	32		31	32	32	31		31	32	24				
18.30	37.5	39.5	39.5		30	31.5	31.5	30.5		28.5	32	31.5	31.5		29	30.5	31	30.5		30	30	30	29.5		29	30.5	29.5	29		29.5	30	23				
19.00	34.5	34.5	34		28	29	29	28		27	31	30	30		27.5	29	30	29		28	29	28.5	28.5		27	29	28	28		27	29	23				
19.30	32	32	32		27	28	28	27		26.5	30	29.5	29		27	29	29	29		27	28.5	28	28		26	28.5	28	27		26	29	23				
20.00	31	30.5	30		27	27.5	29	27		26	29	29	29		26	29	29	29		27	28	28	28		26	28.5	28	27		26	28	23				
20.30	30	29.5	29		26	27	27	26.5		25	29.5	29.5	29		26	29	28.5	28.5		29	28	28	28		26	28	27.5	27		26	28	23				
21.00	29	29	28		26	27	27	26		26	29	29	29		27	29	29	29		27	28	28	27		25	28	28	27		26	28	23				
21.30	28	28	27		25	26	26	25		24	28	28	28		25	27	27	27		26	27	27	26		24	28	28	28		26	28	23				
22.00	28	27	27		25	26	25	25		24	28	28	27		25	27	27	27		25	27	26	26		24	28	28	27		26	28	23				
22.30	27	27	26		25	26	25	25		24	28	27.5	27		25	27	27	27		25	26	26	26		24	28	27	27		26	28	23				
23.00	27	27	27		25	26	26	25		24.5	28	28	28		25	28	28	28		26	27	27	27		25	28	27	26		25	27.5	24				
23.30	27	27	26		25	26	26	25		24	28	28	27		25	28.5	28	27		26	27	27	27		24.5	27.5	27	26		25	27	24				
00.00	27	26	26		24	26	25	25		24	28	28	27		25	27	27	27		26	27	27	26.5		24	27	27	26		25	27	24				
00.30	27	26	26		24	26	25	25		24	28	27	27		25	27	27	27		26	27	27	26		24	27	27	26		24.5	27	24				
01.00	26	26	26		24	26	25	25		24	28	28	27		25	27	27	27		25	27	27	26		24	27	27	26		24	27	24				
01.30	26	26	25		24	25	25	24		24	27	27	27		25	27	27	27		25	26.5	26	26		24	27	27	25		24	26	24				
02.00	26	25	25		23	25	24	24		23	28	27	27		24	27	27	27		25	26	26	26		23	27	26	25		24	26	23				
02.30	26	25	25		23	25	24	24		23	28.5	27	26		24	27	27	26.5		25	26	26	26		23	26.5	26	25		24	26	23				
03.00	25.5	25	24.5		22.5	24	24	24		23	27	26	26		24	26.5	26.5	26		24.5	26	26	26		23	26	25	24		23.5	26	23				
03.30	25	25	24		22	24	24	23		22	27	26	26		23	26	26	26		24	25	25	25		22	26	25	24.5		23	26	23				
04.00	25	24.5	24		23	25	24	24		23	26	25	25		23	25	25	25		24.5	25	24	24		23	25	24	24		23	25	22				
04.30	24	24	24		22	24	24	23		22	25	25	25		22	25	25	25		24	25	24	24		22	[illegible]	24	[illegible]		23	25	22	[illegible]			
05.00	24	24	23		22	24	24	23		22	25	25	25		22	25	25	25		23	25	24	24		22	25	24	24		23	[illegible]	22				
05.30	24	24	23		22	24	24	23		22	25	25	24		22	25	25	25		23	25	25	24		22	26	24	24		23	25	23				

Sheet A.

ผลการทดสอบขั้นตอนที่ 2.1 แสดง หน้าต่างเปิด 50%, 100% วันที่บันทึกผล 6.00/28.2.42 ถึงวันที่ 5.30/1.3.42

TIME	MODEL 1					MODEL 2					MODEL 3					MODEL 4					MODEL 5					MODEL 6					COMFORT FACTOR					
	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	DB	WB	WIND	RAD	SKY	RH
	1.1	1.2	1.3	X	1.4	2.1	2.2	2.3	X	2.4	3.1	3.2	3.3	X	3.4	4.1	4.2	4.3	X	4.4	5.1	5.2	5.3	X	5.4	6.1	6.2	6.3	X	6.4	31	32	M/S	BTU	C/O	%
6.00	24	24	23		22	23	22.5	22		21.5	25.5	25	24.5		22	24	24	24		23	22	24	24		22	26	25.5	25		23	25.5	22.5				
6.30	24	23.5	23		22	23	22	22		21.5	25	25	24		22	24	24	24		23	24	24	23		22	26	25	24		23	25	22				
7.00	25	24.5	24		23	24.5	23.5	24		22.5	26	26	25		23	25.5	25	25		24	25.5	24.5	25		22.5	26	25	25		23	25	22				
7.30	26.5	26	26		24.5	26	26	26		25	29	27	26.5		25	26	26.5	26.5		26.5	26	25	25		24	27	26	29		25.5	26	22.5	เมฆบาง			
8.00	29.5	29.5	29.5		29	31	31	32		31	29	28	28.5		29	27	28.5	28.5		32	29.5	27	27		28	29.5	27	27		29	26	23	↓			
8.30	32	32	32		31	33	33	34		33.5	31	30	30		31	30	[illegible]	30		30	[illegible]	[illegible]	28		30	27.5	26.5	27		30	27	23	มีเมฆ			
9.00	38	38	40		38	40	40	43		42	29	30	30		35	28	29	30		37	28	27.5	28		33.5	30	29	29.5		35	29	24	↓			
9.30	47	48	49		45	49	49	52		50	33.5	33	35		40	34.5	34	35		40	32	32	32		40	32	32	32		31	30	25	เมฆ			
10.00	49	50	51		47	49	49	50		47	33	34	34		39	32	33	34		40.5	30	30	31		37	30	30	30		36	32	24.5	overcast			30%
10.30	54	55	56		47	52	52	54		51	32	33	34		40	31	32	33		44	32	31	32		40	33	31	31		40	32	25	เมฆ 50			
11.00	59.5	60	62		51	58	58	61		57	33	33	34		35	31	32	33		46	32	30	31		42	31	31	31		40	32	24				
11.30	62.5	63.5	64		50	64.5	59	60		55	32.5	28.5	35		42	31.5	33	33.5		44	31	30.5	30.5		40	32.5	31	30.5		40	31.5	24				
12.00	67	67	68		53	61	61	63		59	34	36	37		44	31	34	34		46	32	31	32		43	33	32	32		41	33	25	เมฆบางๆ			
12.30	70	70	71		54	64	63	64		60	36	38	38		45	34	36	37		48	33	32	35		45	35	32	35		43	34	24				
13.00	72	71	73		56	65	64	65		62	35	37	38.5		47	34	37	37		49	33	33	35		46	35	35	36		47	36	25				
13.30	73	73	74		55	65	64.5	66		61	35	38	38		46	33	37	35		47	33	33	35		46	35	36	35		44	36	25	←			
14.00	71	72	73		54	64	64	65		61	35	37.5	38		46	33	35	35		47	33	33	32		46	35	33	34		42	35	24				
14.30	70	71	73		54	62	62	64		60	36	38	39		47	35	36	37		48	34	33	35		45	36	36	34		45	35	24	ครึ้มขึ้น			
15.00	68	68	71		52	59	59	61		57	37	38	39		46	36	37	35		48	34	34	36		45	34	34	34		43	35	24	" ←			
15.30	64	65	67		51	56	55	57		54	36	37	38		44	35	36	37		45.5	34	34	35		43	34	35	34		43	35	24	"			
16.00	60	60	62		49	51	51	52		50	36	35.5	39		42	34	36	37		43	34	34	35.5		40.5	34	34	35		40	35	24	" ←			
16.30	55	55	58		44	47	46	47		45	35.5	36	36		39	35	35	36		40	35	34	35		38	35	34	34		38	35	23	"			
17.00	50	50	51		39	45	45	46		40	35	[illegible]	35		36	34	34	35		35	34	34	34		36	34	33	33		36	34	23	"			
17.30	47	47	47		35.5	38	38	38		36	34	34	34		33	32	33	32		34	32	32	32		32	34	33	33		33	30	24				
18.00	41	41	41		32	39	34	33		32	31.5	→			31.5	33	32	32		31	32	32	32		30	33	32	32		31	33	25				
18.30	37.5	37	37		29	31.5	31	30		28	33	32	32		28	32	32	32		29	32	31	31		28	32	32	31.5		29	32	25				
19.00	34	34	34		28	29	29	28		27	32	32	32		27	31	31.5	31		29	31	31	31		27	31	30	30		28	31	24				
19.30	32	32	31.5		26.5	28	27	26.5		25	30	30	29		26	29	29	29		26.5	28.5	28	28		25	30	29	29		27	30	23.5				
20.00	31	31	30		26.5	27	27	27		26	30.5	30	29.5		26	29	29	29		27	29	28.5	28.5		26	29	29	28		26.5	29	24				
20.30	29	29	29		25	26	26	25		24.5	28	28	28		26	28	28	27		26	27	27	27		24.5	29	28	28		26	29	24				
21.00	29	28	28		25.5	26.5	26	25.5		24.5	28.5	28	28		25.5	28	28	28		26	28	27	29		24.5	28	27.5	27		25.5	28	24				
21.30	28	28	28		25	27	26	26		25	29	29	28		26	28	28	28		26	28	28	27		25	28	27	27		25	28	24				
22.00	27.5	27	27		24	26	25	25		24	28	28	27		24	27	27	27		25	27	27	26		25	28	28	27		25	28	24				
22.30	27	27	26		24	25	25	24		23	28	27	27		24	27	27	27		24	26	26	26		23	28	28	27		25	28	24				
23.00	27	27	26		24	25	25	24		23	28	27	27		24	27	27	27		24	26	26	26		23	28	28	27		25	28	24				
23.30	27	26	26		24	25	24	24		23	28	27	27		24	27	27	27		24	26	26	26		23	28	27	27		25	28	24				
00.00	26	26	25		23	25	24	24		23	28	27	27		23	27	27	27		24	26	26	26		23	27	27	27		25	28	24				
00.30	26	26	25		23	25	24	24		23	28	27	27		23	27	27	27		24	26	26	26		23	27	26	26		24	27	24				
01.00	26	26	25		23	25	24	24		23	28	27	27		23	27	27	27		24	26	26	26		23	27	26	26		24	27	24				
01.30	26	25	25		23	25	24	24		23	27	27	26		23	26	26	26		24	26	26	26		23	27	26	26		23	27	24				
02.00	25	25	24		22	24	24	23		22	27	26	26		22	26	26	26		23	26	25	25		22	27	26	26		23	27	23				
02.30	25	24	24		22	24	24	23		22	27	26	26		22	26	26	26		23	26	25	25		22	26.5	26	25		23	26.5	23				
03.00	25	25	24		22	24	24	23		22	27	26	26		23	26	26	26		23.5	26	25	25		22	26	25	25		23	26	23				
03.30	25	24	24		22	24	23	23		22	27	26	26		23	26	26	25		23.5	25	25	25		22	26	25	25		23	26	23				
04.00	24	24	23		22	23	22.5	22		21	25	26	24.5		22	25	25	25		23	24	24	23		21	26	25	25		23	26	23				
04.30	24	24	23		22	23	22	22		21	25	24	24		22	25	25	24		22.5	24	23	23		21	26	25	25		23	26	23	ฟ้าโปร่ง		20%	
05.00	24	24	23		22	24	23	22		22	26	24	25		22	25	25	24		22	25	24	24		21.5	25	25	24		22	25	23	มีเมฆเล็กน้อย			
05.30	24	23	23		21.5	23	22.5	22		21.5	26	24	24		22	24	24	23		[illegible]	[illegible]	[illegible]	[illegible]		22	[illegible]	[illegible]	[illegible]		[illegible]	25	22				

ผลการทดลองขั้นตอนที่ 2.1 แสดง ทดสอบ ของเขื่อน 50%, 100% วันที่บันทึกผล 6.00/1.2.42 ถึงวันที่ 5.30/23.42

TIME	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	DB	WB	WIND	RAD	SKY	RH
	MODEL 1					MODEL 2					MODEL 3					MODEL 4					MODEL 5					MODEL 6					COMFORT FACTOR					
	1.1	1.2	1.3	X	1.4	2.1	2.2	2.3	X	2.4	3.1	3.2	3.3	X	3.4	4.1	4.2	4.3	X	4.4	5.1	5.2	5.3	X	5.4	6.1	6.2	6.3	X	6.4	31	32	M/S	BTU	C/O	%
6.00	27	23	23		22	23	22	22		21	24.5	24	23		22	23	23	23		22	23	22	22		21	26	24	24		22.5	25	22				
6.30	24	23	23		22	23	23	23		22	25	24	24		22.5	24	24	24		23	23.5	23	23		22	24	23	23		22	24	22				
7.00	23	23	23		22	23	22	22		21	23	23	22		22	24	24	24		23	24	23	23		22	24	23	23		23	24	22				
7.30	24	24	24		23	24	23.5	23		23	25	25	24		23	24	24	24		23.5	24	23	23		22	23.5	23	23		23	22	23				
8.00	26	26	25		23.5	25	25	25		24	25	25	24		24	24	24	24		24	23	22	22		22	24	23	23.5		23.5	23.5	22				
8.30	28	28	28		25	26	27	28		26	26	26	25		25	25	25	25		25	24	23	24		24	23	23	23		23	26	23				
9.00	35	36	37		33	38	38	41		38	29	29	30		32	29	29	29		35	29	26	29		31	28	27	27		32	28	24				
9.30	43	43	45		39	45	45	45		45	30	32	32		35	30	32	32		35	30	29	30		36	29	29	28		25	28	24				
10.00	52	53	55		42	52	53	56		53	32	33	35		40	30	32	32		43	31	30	31		31	32	31	31		29	30.5	24				
10.30	60	62	63		52	59	60	62		59	34	36	37		45	33	35	36		46	33	32	33		44	33	32	32		43	32	25				
11.00	64	65	67		52	62	62	64		60	34	36	38		44	33	35	36		48	33	32	34		45	33	32	33		44	32	25				
11.30	68	68	70		52	63	63	64.5		60	34	39	37		45	33	36	35		49	34	33.5	35		45	35	34	34		45	34	25				
12.00	71	71	72		53	63	63	64		60	36	37	38		45	34	36	37		47	33	32	33		45	34	32	33		43	33	24				
12.30	73	73	74		55	66	65	67		62.5	34	37	37		46	33	35	35		49	34	33	34		45	35	34	34		46	34	24				
13.00	75	75	76		57	69	66	68		63	36	38	38		42	34	36	37		49	33	32	33		47	34	33	32		45	34	24				
13.30	78	78	79		59	70	69	71		66	37	39	40		49	35	38	38		52	35	34	36		49	35	34	35		48	35	24				
14.00	75	75	78		54	65	65	68		59	36	38	40		45	35	36	37		46	33	32	33.5		43	33	32	32		41	34	24				
14.30	72	72	74		54	62	62	64		59	35	38	37		46	34	37	36		48	34	33	35		45	34	33	38		43	34	24				
15.00	69	69	72		54	60	61	62		59	35	38	39		47	34	37	37		48	33	33	34		44	35	34	35		43	34.5	24				
15.30	67	67.5	70		53	58	58	60		57	37	38	39		46	36	37	38		47	34	34	35		45	35	35	35		44	34.5	24				
16.00	61.5	62	64		48.5	53	52.5	54		51	36	37	38.5		43	35	36	37		44	34	34	35		41	35	34	34		41	34	23				
16.30	56	57	58		45	48	48	48		46	35	35	37		39	33	34	34		40	33	32	33		37.5	35	34	34		38	34	23				
17.00	51	51	52		39.5	43	43	43		40	34	35	35		36	33	34	34		37	33	33	33		35	34	33.5	33.5		36	34	23				
17.30	46	46	46		37	37.5	37	37		35	33	34	33		32	32	32	32		33	32	31	32		31	33	33	32		33	33	23				
18.00	42	42	42		33	35	34	34		32	33	33	33		31	32	32	32		32	32	32	32		30	32	32	31		31	32	23				
18.30	37.5	37.5	37		30	32	31.5	31		29	33	33	32		29	32	32	32		30	32	32	32		28	32	32	31		29	32	23				
19.00	34	34	34		28	29	29	28		27	31	31	31		27	31	31	30		28	30	30	30		26	32	31	31		29	32	22				
19.30	32	32	32		27	28	28	27		26	31	31	30		26	30	30	29		27	29	29	29		25	31.5	31	30		28	31.5	22				
20.00	32	32	31		26	28	28	27		26	31	31	30.5		26	30	30	30		28	30	29	29		25	30	29	29		27	31	22				
20.30	30	30	29		25	27	27.5	27		25	31	30.5	30		25	29	29	29		26	29	29	29		24	31	30	30		27	31	22				
21.00	30	29	29		26	28	27	27		25	31	30.5	30		26	30	30	30		27	29	29	29		25	30	29	28		27	30	23				
21.30	29	28.5	28		25.5	27	26.5	26		25	29.5	29.5	29		26	29	29	29		27	28.5	28.5	28.5		25	29.5	29	29		26.5	29.5	22.5				
22.00	29	28	28		25	26.5	26	25.5		24	29	29	28		24	28	28	28		26	27.5	27.5	27		24	29	28.5	28		26	25	22.5				
22.30	27	27	27		24	25.5	25	25		23.5	28	28	27		24	27	27	27		25	27	26.5	26		23	27	28	27.5		26	27	23				
23.00	27	27	27		24	25.5	25	25		23.5	28	28	27.5		24	27	27	27		25	27	26.5	26		23	27	28	27.5		26	28.5	23				
23.30	27	27	26		24	25.5	25	25		23	28	28	27		24	27	27	27		25	27	26.5	26		23	28.5	28	27		26	28	23				
00.00	27	27	26		24	26	25	25		23	28	28	27		24	27	27	27		25	27	26.5	27		23	28	27	27		25	28	23				
00.30	27	26	26		23	25	24	24		23	28	27	27		23	26.5	26.5	26		24	26	26	26		22	28	27	27		25	28	23				
01.00	26	26	25		23	25	24	24		23	28	27	27		23	27	27	26		24	26	25	25		22	27.5	27	26		24	27	22				
01.30	26	26	25		23	24	24	23		22	28	27	27		23	27	27	26		24	26	26	26		22	27	26	26		24	27	23				
02.00	26	25	25		23	24	24	23		22	28	27	27		23	27	27	26		24	26	26	26		22	27.5	26	26		23	27	23				
02.30	25	25	24		22	24	23	23		22	27	26	26		22	26	26	25		23	26	25	25		22	27	27	26		24	27	23				
03.00	25	25	24		22	24	23	23		22	26	26	26		22	26	26	25		23	25	25	25		22	26	26	26		24	27	23				
03.30	25	25	24		22	24	23	23		22	26	26	26		22	26	26	25		23	25	25	25		22	26.5	26	25		23	26.5	23				
04.00	25	24	24		22	23	23	22		21	26	25	25		22	25	25	25		23	24	24	24		21	26	25	25		23	26	22				
04.30	25	24	24		22	23	22	22		21	26	25	25		21	25	25	24		22	24	24	24		20.5	26	26	25		23	26	22				
05.00	25	24	24		22	24	23	23		22	26	25	25		22	25	25	25		23	24	24	24		21.5	26	25	25		23	26	23				
05.30	24	24	23		21	23	23	22		21	26	25	25		22	25	25	25		23	24	24	24		21	25	25	24		23	26.5	23				

(Sheet 8)

ผลการทดลองขั้นตอนที่ 2.2 แสดง มาตรฐาน ช่องเปิด 25%, 75% วันที่บันทึกผล 6.00/7.3.42 ถึงวันที่ 5.30/8.3.42

TIME	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	DB	WB	WIND	RAD	SKY	RH
	MODEL 1					MODEL 2					MODEL 3					MODEL 4					MODEL 5					MODEL 6					COMFORT FACTOR					
	1.1	1.2	1.3	X	1.4	2.1	2.2	2.3	X	2.4	3.1	3.2	3.3	X	3.4	4.1	4.2	4.3	X	4.4	5.1	5.2	5.3	X	5.4	6.1	6.2	6.3	X	6.4	31	32	M/S	BTU	C/O	%
6.00	24	24	23		22	24	23.5	23		22	26	26	25		22	25	25	25		23	25	25	24		22	26	25	25		23	26	23				
6.30	24	23	23		22	23	23	22		21.5	26	26	25		22	25	25	24.5		23	25	25	24		22	26	25	24		23	25	23				
7.00	24	24	23		22	24	23	23		22	26	26	25		23	25	25	25		24	26	25	24.5		22	26	25	25		23.5	26	23				
7.30	26	25	25		25	26	25	25		25	28	28	27		25	27	27	27		27	27	26	26.5		25	28	27	27		26.5	28.5	24				
8.00	29	29	29		29	30	29	31		28	29	30	31		29	30	29	31		32	28	27	28		28	29	28	28		28	29	24				
8.30	33	34	34		33	36	36	38		36	28	32	36		32	29	31	34		38	25	25	30		31	30	29	28		36	29	25				
9.00	44	44	47		47	47	47	50		48	35	40	50		42	33	38	45		47	32	32	35		39	32	32	33		42	30	25				
9.30	54	55	57		47	55	55	58		54	36	43	52		46	37	40	42		52	35	32	37		42	36	35	36		47	33	28				
10.00	59	60	63		49	59	60	62		57	39	44	52		48	37	40	47		56	36	37	40		47	37	37	39		51	33	23				
10.30	66	68	69		55	65	66	68		63	40	45	62		52	37	41	51		59	38	35	37		49	35	36	37		52	34.5	23				
11.00	72	73	74		56	69	69	71		65	40	46	58		54	39	42	50		61	36.5	38	41		51	37	37	38		53	35	22				
11.30	81	80	81		59	73	72	73		67	42	46	52		53	39	42	45		58	34	36	36		49	36	37	37		50	34	22				
12.00	86	85	86		58	77	75	75		68	43	45	51		53	41	43	46		58	38	37.5	39		50	38	37.5	38		50	36	22				
12.30	88	87	87		57	76	74	75		67	43	46	52		54	42	44	46		60	39	39	40		51	38	39	39		55	38	23				
13.00	89	88	88		58	76	74	74		67	44	47	56		54	41	43	48		60	38	38	41		51	39	40	40		54	37	25				
13.30	87	87	87		58	74	73	74		67	41	46	52		54	39	43	45		55	36	37.5	40		51	37	39	39		53	37	24				
14.00	84	81	86		56	70	70	70		64	42	46	55		53	39	44	48		55	36	37	39		47	36	35	37		50	36	22				
14.30	81	82	84		60	69	69	71		66	42	48	61		54	39	44	48		58	37	38	41		50	37	38	39		52	37	24				
15.00	77	78	80		54	65	65	66		60	43	45	57		52	41	44	47		55	39	37	42		47	39	39	40		52	37	24				
15.30	73	74	76		51	60.5	61	62		57	45	46	54		51	37.5	43	46		53	38	39	41		48	39	39	41		50	38	23				
16.00	67	68	70		48	56	56	56		52	41	43	47		48	39	40.5	42		49	37	38	41		45	38	39	39		47	37	22.5				
16.30	60.5	61	63		45	51	50	51		48	40.5	42	44.5		44.5	38	40	42		46	37	38	39		43	38	38	39		44	37	22				
17.00	53	54	55		42	45	44	45		43	37	42	45		40	37	39	41		42	37	37	38		38	37	37.5	38		40	37	[illegible]				
17.30	50	50	51		38	40	40	39.5		38	37.5	38.5	42		37	36	36	37		37	35	35	36		34	36	36	36		37	37	22				
18.00	44.5	44	44		33	35	35	34		32	36	37	38		31	34	34	33.5		32	33	33	33		29	35	34	35		32	35	22				
18.30	39	39	38		29	32	31	31		28	34	34	33		28	32	32	32		29	32	31	31		27	32	32	31		29	32	23				
19.00	35	35	34		27	29	28.5	29		26	33	32	32		26	31	31	31		27	31	30.5	30.5		25	31	30	29		27	31	23				
19.30	33	33	32		26	28	29.5	29		23	32	31	31		26	31	30	30		27	30	30	30		25	30	29	29		26	30	22				
20.00	31	31	30		25	29	29	26		25	31	31	30		25	30	30	29		27	29	29	29		25	29	29	28		26	29.5	22				
20.30	30	29	29		25	26	26	25		24	30.5	30	29		25	29	29	29		26	27	28	28		24	30	29	28		26	29.5	22				
21.00	29	28	28		25	26	26	25		24	30	29	29		24.5	29	29	29		26	29	28	28		24	29	28	27		25	29	22				
21.30	28	28	27		24	26	25	25		24	30	29	29		24	28.5	28	28		25	28	28	28		24	28	28	27		25	28.5	22				
22.00	28	27	27		24	26	25	25		23.5	29	29	28		24.5	28	28	28		25.5	28	28	28		24	28	27	27		25	28	22				
22.30	27.5	27	26.5		24.5	26	25	25		23.5	29.5	29	28		24	28	28	28		25	28	27.5	27.5		24	28.5	27	27		25	28	22				
23.00	27	27	26		24	25.5	25	25		23	29	29	28		24	28	28	28		25	28	27.5	27.5		24	28	27	27		24.5	28	22				
23.30	27	26	26		24	25.5	25	25		23.5	29	29	28		24	28	28	28		25	28	27	27		24	28	27	27		24	28	22				
00.00	27	26	26		24	25	25	24		23	29	28	28		24	28	28	27		25	28	27	27		24	28	27	27		24	28	22				
00.30	27	26	26		24	25	25	24		23	29	28	28		24	28	28	27		25	28	27	27		24	28	28	27		24	28	22				
01.00	26	25	25		23	24	24	23		22	29	28	28		23	28	27	26		24	27	26	26		23	27	26	26		23	27	21				
01.30	26	25	25		23	24	23	23		22	28	27	27		23	27	27	26		24	27	26	26		23	27	26	26		23	27	21				
02.00	25	24	24		22	23	22	22		21	28	27	26		22	26	26	26		23	26	26	26		22	26	25	25		22	26	21				
02.30	25	24	24		22	23	22	22		21	28	27	26		22	26	26	26		23	26	26	26		22	26	26	25		22	26	20				
03.00	25	24	23		22	23	22	22		21	28	27	26		22	26	26	26		23	26	25.5	25.5		22	26	26	25		22	26	20				
03.30	24	24	23		21	23	22	22		20	27	26	26		21	25	25	25		22	26	25	25		21	26	26	25		22	26	19				
04.00	23	22	22		21	22	22	21		19.5	26.5	26	25		20	24	25	25		22	25	25	25.5		20	26	25	25		22	26	19				
04.30	23	22	22		19	21.5	21	20		19	26	25	24		19	24	24	24		21	24	24	[illegible]		19	24	24	23.5		21	25	16				
05.00	22	22	22		18	21	20	19		17	25	24	24		18	23	23	23		20	24	23	22		19.5	25	24	23		19.5	25	17				
05.30	22	22	21		17	20	19	19		17	25	24	24		18	22	23	23		19.5	24	22	22		16	24	23	23		19	24	19				

ผลการทดลองขั้นตอนที่ 2.2 แสดง หลังคาร่องน้ำเปิด 25%, 75% วันที่บันทึกผล 6.00/8.3.42 ถึงวันที่ 5.30/9.3.42

TIME	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	DB	WB	WIND	RAD	SKY	RH
	MODEL 1					MODEL 2					MODEL 3					MODEL 4					MODEL 5					MODEL 6					COMFORT FACTOR					
	1.1	1.2	1.3		1.4	2.1	2.2	2.3		2.4	3.1	3.2	3.3		3.4	4.1	4.2	4.3		4.4	5.1	5.2	5.3		5.4	6.1	6.2	6.3		6.4	31	32	M/S	BTU/	C/O	%
6.00	21	21	21		16	19	19	18		16	24	24	23		17	23	23	22		19	24	23.5	23		16	24	23.5	22		18	24	15				
6.30	21	20	20		15	19	18.5	18		16	24	24	23		17	23	23	22		19	23	24	23		16	23	22	22		18	23	17				
7.00	22	21	21		18	20	19.5	19		18	25.5	25	24		19	24.5	24	24		21.5	25.5	25	25		19	26	25.5	25		21.5	26	18				
7.30	24	24	24		23.5	25	24.5	25		24	29	28.5	28		24	26	28	28		27	28	28	28		25	28	28	27		27	29	20				
8.00	33	37	35		34.5	37	37	40		38	33	34	38		35.5	32	34	37		40	32	32	33		35	32	32	32		37.5	30	20				
8.30	39	40	42.5		37.5	43	43	46		43	34	33	37.5		38.5	32.5	33.5	35		44	32	32	33.5		37.5	32	32	32		40	30	20				
9.00	48	50	52		42	50	50	53		48	37	38	41		42	35	36	38		47	34	34	35		40	34	33	34		42	31	21				
9.30	54	58	61		46	56	56	58		53	38	39	42		46	34	37	38		51	37	35	36		44	34	34	34		45	32	21				
10.00	63	65	66		49	60	61	63		57	39	43	52		48	37	40	45		55	35	35.5	37		46	35	35	36		49	32	21				
10.30	71.5	73	74		51	66	66.5	67		60	60.5	45	49.5		49	38	40	43.5		55	35	36	37.5		47	35	35.5	36		49	32	21				
11.00	74.5	75	78		54.5	71	70	71		64	42	46.5	55		52	39	41.5	46		59	36.5	37	39		49	36.5	37	38		52.5	33	21				
11.30	84	82	82		58	75	76	76		68	45.5	50.5	66		54	39	46	54		62	35	39	43		52	36	38	40		55	34	22				
12.00	87	86	86		61	79	77.5	78		72	45	51	66		56	43	47	50		65	38	38	42		52	38	38	42		57	35	22				
12.30	89	89	89		62	80	78	79		73	45	55	74		58	42	49	60		67	38	39	51		55	39	40	48		61	36	22				
13.00	91	90	90		60	79	77	77.5		70	45.5	55	67		57	43	48	59		64	39	38.5	42		54	39	39	40		58	34	22				
13.30	90	89	90		62	78	77	78		72	44	52	68		58	43	47	48		65	38	38	43		54	38	39	41		56	33.5	22				
14.00	87	88	88		59	75	76	76		69	45	59	56		55	41	48	54		60	37.5	39	42		51.5	38	39	41		53	36	24				
14.30	84	85	86		62	73	73	75		70	44	52	71		57	40	44	47		62	37	39	42		53	38	39	42		57	36.5	23				
15.00	79	80	83		56	67	67	69		63	43	50	63		54	40	44	49		57	39	38	42		49	36	39.5	40		51	36	23				
15.30	75	75	78		55	63	63	65		61	42	47	57		52	38	42	48		54	35	37	38		47	38	37	37.5		46	36.5	22.5				
16.00	68	69	71		49	57	56.5	57		53	41	44	51		48	37.5	40	45		49	36	37.5	38		43.5	36.5	37.5	38		45	36	22				
16.30	64.5	62	66		45	51	50.5	51		47.5	39	41	45		44	37	38	38		43.5	35	36	36		39	35.5	36	36		40	36	22				
17.00	55	55	58		39	44	44	44		40.5	33.5	35	39		38	35.5	36	36		38	34	34	34		33.5	34	34	34		36	35	22				
17.30	49.5	47.5	50		35	38	35	37.5		35	36	36.5	36		34	34	34	34		35	33	33	33		32	33	33	32		32.5	34	22				
18.00	44	43.5	43.5		31	33.5	33	33		30	34	34	34		30	32	32	32		31	32	31.5	31.5		29	32	31	31		29	32.5	21				
18.30	39	39	39		28.5	31	30.5	30		27	33	32.5	32		27	31	31.5	30.5		28.5	30.5	30	30		27	31.5	30	30		28	31	20				
19.00	34	34	33		25.5	27.5	27	26.5		26.5	31	31	30		25	29.5	29.5	29		26.5	27.5	29	28.5		24	29.5	29	28.5		26	29.5	19				
19.30	31	31	30.5		23	26	25	24.5		24	30	30	29		23	28.5	28.5	28		26.5	28	28	28		23	29	28	27.5		24	29	18				
20.00	29	29	28		22	28.5	26.5	24		22	29.5	29	28		22	28	28	27		24	28	28	27.5		22	29	28	27		24	28.5	19				
20.30	28	27	27		23	28.5	24	23		22	29	28.5	28		22	27.5	28	27		24	27.5	27	27		22	28	27	27		24	28	19				
21.00	27	26.5	25.5		22	24	23	23		21.5	29	28	27.5		22	27	27	27		24	27	27	26		22	28	27	26		23	28	20				
21.30	26	26	25.5		22	23.5	23	23		21.5	28.5	28	27		22	27	27	27		23.5	27	26.5	26		22	28	27	26		23.5	27	20				
22.00	25.5	25	25		22	24	23	23		21.5	28	27	27		22	27	27	26.5		23	26.5	26.5	26		22	27	27.5	26		23.5	27	20.5				
22.30	25.5	25	25		23	24	23	23		22	28	27.5	27		22.5	27	27	26.5		24	27	26.5	26.5		22.5	27	26	26		23	27	21				
23.00	25	25	24		23	24	23	23		22	28	27.5	27		23	27	27	26.5		24	27	26.5	26		22.5	27	26.5	26		23.5	27	21				
23.30	25	25	24		23	24	23.5	23		22	28	27.5	27		23	27	27	27		24	27	26	26		23	26.5	26	25.5		23	27	21				
00.00	25	24.5	24		22	24	23	23		22	27.5	27	26		22.5	26.5	26.5	26		23.5	26	26	26		22	26.5	26	25		23	26	21				
00.30	25	24	24		22	23.5	23	22		21.5	27.5	27	26		22	26.5	26	26		23	26	25.5	25.5		22	26	25	25		22.5	26	21				
01.00	24.5	24	23.5		22	23	23	22		21	27	26.5	26		22	26	26	26		23	26	25	25		22	26	25	25		22	26	21.5				
01.30	24	24	23		21.5	23	22	22		21	27	26.5	26		22	26	25.5	25		23	25.5	25	25		21.5	25.5	25	24.5		22	26	22				
02.00	24	23.5	23		21.5	23	22	22		21	27	26	26		22	26	25.5	25.5		22.5	25	25	25		21	25.5	25	24		22	25.5	22				
02.30	24	23.5	23		21	22.5	22	22		20.5	26.5	26	25		21	25	25	25		22	25	25	24		21	25.5	25	24		22	25	21				
03.00	23.5	23	22.5		20	22	22	21		20	26	26	25		20.5	24.5	24.5	24		21.5	23	24	24		19.5	25	24	24		21	25	21				
03.30	23	23	22		19.5	22	21	20.5		19	26	25	25		20	25	24	24		21	25	24	24		19.5	25	24	23		20	25	21				
04.00	23	22	22		19	21	20	19		18	26	25	25		19	25	24	24		21	24	24	24		19	25	24	23		20	25	20				
04.30	22.5	21.5	21.5		18.5	20	20	19.5		17	25.5	24	24		18	25	24	23.5		21	24	23.5	23.5		18	24.5	24	23		20	24.5	18				
05.00	22	21.5	21		18	19	19	18		16.5	25	24.5	23		18	24	23.5	23		20	23.5	23	23.5		17	24	23.5	23		20.5	24	17				
05.30	21	21	20		18	19.5	19	18		16.5	25	24	23		18	23	23	23		19.5	23	23	22.5		17	24	23.5	22.5		20	24	16				

ผลการทดลองขั้นตอนที่ 3.1 แสดง [illegible] วันที่บันทึกผล 6.00/16.3.42 ถึงวันที่ 5.30/17.3.42

TIME	MODEL 1 IN1	IN2	IN3	SF1	SF2	MODEL 2 IN1	IN2	IN3	SF1	SF2	MODEL 3 IN1	IN2	IN3	SF1	SF2	MODEL 4 IN1	IN2	IN3	SF1	SF2	MODEL 5 IN1	IN2	IN3	SF1	SF2	MODEL 6 IN1	IN2	IN3	SF1	SF2	COMFORT FACTOR DB	WB	WIND M/S	RAD BTU	SKY C/O	RH %
	1.1	1.2	1.3	1.	1.4	2.1	2.2	2.3		2.4	3.1	3.2	3.3		3.4	4.1	4.2	4.3		4.4	5.1	5.2	5.3		5.4	6.1	6.2	6.3		6.4	31	32				
6.00						24.5	24	24		22.5	34.5	34	34		24	31.5	31.5	31		26	34	33.5	33.5		27	30	29.5	28		25	26	23				
6.30						24.5	24	23.5		22.5	35	34	34		24.5	31.5	31.5	30.5		26	33.5	33.5	33.5		24	29.5	29	28.5		25.5	26	23.5				
7.00						26	25.5	25		24.5	35.5	35	35		27	32	32	32		28	34.5	34.5	35		26	31	30.5	29.5		28	27	22.5				
7.30						28	28	28.5		27.5	34.5	35	35		29	32	32	32		31	34.5	35	36		28	31	30.5	30.5		29	28	24.5				
8.00						33	32	34		33	34	35	36		32.5	32	32	33.5		33.5	34	35	32		31.5	31	31	33		33	29	24				
8.30						34	39	42		40	34	35	38		37	32	32	35.5		38	34.5	36	42		35	31	31	35.5		37	30	24				
9.00						42	47	50		47	36	37	42		43	34	35	39		44	36.5	38.5	46		39	32	32.5	38.5		39.5	30	26				
9.30						51.5	52	54		51	35	37.5	44		46	35.5	35	41		37	37	39.5	46		41.5	34	35.5	48		42.5	30.5	26				
10.00						57.5	58	60		55	37	39.5	47		49.5	35	37	44		51	42.5	43	48.5		45	34	37	46		51	32	26				
10.30						65	66	67		62	39.5	42	50.5		53.5	39	39	48		55	41	44.5	60		49.5	36	37.5	49		54.5	33	28				
11.00						69	68	69		62	40	42	51		55	37	39	48		56	43	42	62		50	37	38.5	49.5		55	33	28.5				
11.30						72	71	71.5		65	43	44	53		56	38	40.5	49.5		57.5	46	48.5	64.5		57.5	38.5	39.5	51		56	33.5	30				
12.00						74	73	73		66.5	45	45	54		57	40	41	50.5		58	47.5	49.5	66		52	40	40	52		57	34	31				
12.30						72	70.5	70.5		63	45.5	45.5	54		55	40	41	50.5		56.5	48.5	50	69		51.5	40	41	51.5		56	34	31				
13.00						74	73	72.5		66	45.5	46	56		58	40	42	52		57	48	51	69		53	39.5	41.5	53		55	35.5	31				
13.30						71	71	71		61.5	43.5	46	56		56	39	42	52		56	46.5	51	68.5		51	39.5	41.5	52		56	35	30				
14.00						67	68	67.5		60	42	46	56		54	38	41	51		54	45		67.5		49.5	38	40.5	52		54	36	28				
14.30						65	66	65		59	43	46	57		53.5	39	41	52		54	46	51	68.5		50.5	38	40	52		53.5	35.5	29				
15.00						60.5	61	61		55	42.5	45	56		51	38	40.5	51		51	45	50	66.5		48	37.5	39.5	50.5		51	35	28				
15.30						58	58	58.5		53	42	44.5	55		50	38	40	50		50	44.5	49	64.5		46.5	37.5	39	49		49	35	28.5				
16.00						53	53	54		49	42	44.5	54.5		49	38	40	48.5		47	44	48	61.5		44.5	36.5	37.5	46.5		45	34.5	28				
16.30						47	47	47		43	41.5	43.5	52		45.5	38	39.5	45		45.5	43.5	47	58		41	36	37.5	42		41	34	29				
17.00						42	42	42		38	41	43	50		49	37.5	38.5	43		39.5	42.5	43.5	54		37.5	36	37	41		38	34	28				
17.30						38	37.5	37		34	41	43	48.5		46	37.5	38	41		37	42	43	51		34	35	36	37.5		35	33	27				
18.00						35	34	34		32	40.5	42.5	47.5		43.5	37	38	39.5		34	41.5	44	49		32	34.5	35	36		33	32	27				
18.30						32	31.5	31		29	40	42	46		41.5	37	37.5	38		32	41.5	43.5	43.5		31	34	34.5	35		31	31	27				
19.00						30	29.5	29		28	39.5	41	44.5		40	37	37	37		31.5	40.5	43	46.5		40	33.5	34	35		31	30.5	26				
19.30						28	28	27.5		26.5	38	39.5	43		38.5	35.5	35.5	35.5		30	39.5	41.5	45		39	33	33	33		30	29	25				
20.00						27.5	27	27		25.5	38.5	39.5	42.5		38	35.5	35.5	35		28.5	39	40.5	43		38	33	32.5	32		28.5	29	25				
20.30						27.5	27	26.5		25.5	38.5	39.5	42		38	35	35.5	35		29	39	40	43		38	33	32.5	32		28.5	29	25				
21.00						27	27	26.5		25.5	38	39.5	41.5		38	35	35	35		29	39	40	42		37.5	33	32.5	32		28.5	28.5	25				
21.30						27	26.5	26		25	38	39	41		37.5	35	35	34.5		29	38.5	39.5	45		37	32.5	32	32		28	28	24				
22.00						26.5	26.5	26		25	38	39	40		37	35	35	34		29	38.5	39.5	40.5		37	32.5	32	32		28	28	25				
22.30						26.5	26	26		25	38	39	40		37	34	34	34		28.5	38	39	40		37	32.5	32	31.5		28	28	25				
23.00						26.5	26	26		25	38	39	39.5		37	34	34.5	34		28.5	38	39	40		37	32	31.5	31		27	28	24.5				
23.30						26.5	26	26		25	38	38.5	39		37	34	34	34		28.5	38	38.5	39.5		36.5	32	31	30.5		27	27.5	25				
00.00						26	26	25.5		24	38	38	39		37	34	34	33.5		28	38	38	39		36.5	31.5	31	30		26.5	27	25				
00.30						26	26	25		24	37.5	38	38		36.5	34	34	33.5		28	37.5	38	39		36	31	30.5	30		26.5	27	25				
01.00						26	26	25		24	37.5	38	38		36.5	34	34	33		28	37.5	38	38.5		36	31.5	30.5	30		26	27	24.5				
01.30						26	25.5	25		24	37	37.5	37.5		37	33.5	34	33		28	37	37.5	38		36	31	30.5	29.5		26	27	25				
02.00						26	25.5	25		24	37	37	37.5		36.5	33	33	33		28	37	37.5	38		36	31	30.5	29		26	27	24.5				
02.30						26	25	25		24	37	37	37		36	33	33	32		28	37	37	37.5		36	31	30	29		26	27	24.5				
03.00						26	25	25		24	37	37	37		36	33	33	32.5		27.5	37	37	37.5		35.5	30.5	30	29		26	27	24.5				
03.30						26	25	25		24	37	37	37		36	33	33	32		27.5	37	37	37		35	30.5	29.5	29		25.5	27	24.5				
04.00						25.5	25	25		23.5	37	37	37		36	33	33	32		27.5	36.5	36.5	37		35.5	30	29.5	29		26	27	24				
04.30						25	25	24		23.5	36	36	36		36	32.5	32.5	32		27	36	36	36		35.5	30	29	28.5		26	25.5	24				
05.00						25	25	24.5		24	36	36	36		36	32	32.5	32		27.5	36	36	36		36	30	29.5	29		26	26	23				
05.30						24.5	24.5	24.5		23	35.5	35.5	35.5		36	32	32	31.5		27	36	35.5	35.5		35	30	29.5	29		26	26	24				

ผลการทดลองขั้นตอนที่ 3.1 แสดง [illegible] วันที่บันทึกผล 6.00/17.3.42 ถึงวันที่ 5.30/18.3.42

TIME	MODEL 1 IN1	MODEL 1 IN2	MODEL 1 IN3	MODEL 1 SF1	MODEL 1 SF2	MODEL 2 IN1	MODEL 2 IN2	MODEL 2 IN3	MODEL 2 SF1	MODEL 2 SF2	MODEL 3 IN1	MODEL 3 IN2	MODEL 3 IN3	MODEL 3 SF1	MODEL 3 SF2
	1.1	1.2	1.3		1.4	2.1	2.2	2.3		2.4	3.1	3.2	3.3		3.4
6.00						25	24.5	24		23	35.5	35.5	35		25
6.30						24	24	24		23	36	35.5	35		25
7.00						26	26	25.5		25	36	36	36		27
7.30						29	29	29		29	36	[illegible]	[illegible]		30
8.00						33	33	33.5		35	35	36.5	37.5		32
8.30						37.5	37.5	39		37.5	35.5	36.5	38.5		36
9.00						42.5	42.5	43		45.5	37	38.5	42		42
9.30						42	42	50		47.5	39	38	43		44.5
10.00						55.5	56.5	59		55	37.5	40	47		50
10.30						60.5	61	63		58	39	41.5	49		52
11.00						65	65	66		62	39.5	42	50.5		53.5
11.30						69	69	69		63	42	43.5	52		55
12.00						62	62	62		57	42	44.5	51		51
12.30						73	72	72		66	45.5	45.5	54		57.5
13.00						73	72	72		64	45	46	55		56
13.30						73	72.5	72		65	44	46	57		57
14.00						70	71	71		63.5	44	46	57		57
14.30						67.5	68	68		62	43	46	57		55.5
15.00						63	63	64		58	43	46	57		53
15.30						59	59	60		55	43	45.5	56		52
16.00						55	55	55		51	42	45	55		49
16.30						50	50.5	51		46.5	42	44.5	54		46
17.00						46.5	46	47		43	41.5	44	52		43
17.30						38.5	38.5	38		35.5	41.5	43.5	49.5		37.5
18.00						34.5	34	34		31.5	41	43	48		33
18.30						30	29	29		27	40.5	42	46		29.5
19.00						29	28.5	28		26	40	41.5	45		29
19.30					→	29	28	28		26.5	40	42	45		29
20.00						27.5	27	27		25.5	39.5	41	43.5		28
20.30						27	27	26.5		25.5	39.5	40.5	43		28
21.00						27	27	26		25	39	40	42		27.5
21.30						27	27	26		26	39	39.5	42		28
22.00						27	26	26		25	39	39	41		27
22.30						27	26	26		25	39	39	41		27
23.00						26.5	26	25		24.5	38.5	39	40		27
23.30						26	25	25		24.5	38	38	39		27
00.00						26	25.5	25		24	38	38	39		27
00.30						26	25.5	25		24	38	38	39		26.5
01.00						26	25	25		24	38	37	39		26.5
01.30						26	25	25		24	37.5	37.5	38		26.5
02.00						25	24	25		23.5	36.5	37	37.5		25
02.30						24.5	24	24		23	36	37	37		25
03.00						25	25	24		23	37	37	37		26
03.30						25	25	24		23.5	37	37	37		26
04.00						25	24.5	24		23	37	37	37		26
04.30						25	24.5	24		23	36	36	37		25.5
05.00						25	24.5	24		23	37	37	36		25
05.30						25	24.5	24		23	36	36	36		25

TIME	MODEL 4 IN1	MODEL 4 IN2	MODEL 4 IN3	MODEL 4 SF1	MODEL 4 SF2	MODEL 5 IN1	MODEL 5 IN2	MODEL 5 IN3	MODEL 5 SF1	MODEL 5 SF2	MODEL 6 IN1	MODEL 6 IN2	MODEL 6 IN3	MODEL 6 SF1	MODEL 6 SF2	DB	WB	WIND	RAD	SKY	RH
	4.1	4.2	4.3		4.4	5.1	5.2	5.3		5.4	6.1	6.2	6.3		6.4	31	32	M/S	BTU	C/O	%
6.00	32	32	31.5		26.5	36	35.5	35.5		24.5	30	29	29		25.5	26	24				
6.30	32	32	31.5		27	36	35.5	35.5		25	30.5	30	29.5		27	27	24				
7.00	32.5	32	32		29	36	35	36.5		26.5	31	30	30		28	27	24.5				
7.30	[illegible]	[illegible]	[illegible]		32	37	[illegible]	[illegible]		[illegible]	31	30.5	31.5		30	28.5	25				
8.00	32	32.5	32.5		35.5	36	37	38.5		33	31	31	33.5		34	30	25				
8.30	33	33.5	36		37.5	37	37.5	42		34.5	32	32	35		36	30	24				
9.00	34	35	39		44	38	39.5	45.5		39.5	32	33	38.5		39.5	32	25				
9.30	34.5	35.5	40.5		46.5	38	41	45		41.5	33	34	40		43	32	26				
10.00	35	37.5	44		51.5	39.5	42	54		45.5	33	35	45		50.5	33.5	26				
10.30	36	38	46		54	42	45	58		48.5	36	38	48		55	33.5	27				
11.00	37	39	46.5		55.5	43	46.5	59.5		48.5	36	38	49		54	34	27				
11.30	38	39.5	48.5		56	45	48	63		50	37.5	39	50		55	34	28				
12.00	38	39.5	47.5		52	45	48.5	63		50.5	39	39.5	47		55	35	29				
12.30	40.5	42	50.5		54	50	51	57.5		53	[illegible]	[illegible]	52		59	36	30.5				
13.00	40.5	42	51.5		57	49.5	51.5	62.5		52	40.5	41.5	52.5		57.5	36	31				
13.30	40	42	52.5		57.5	48.5	52.5	70.5		52.5	39.5	41.5	53.5		58	36.5	31				
14.00	39.5	43	52		58	47.5	52	70.5		53	38.5	41.5	53.5		58	36.5	32				
14.30	39	42	52		56	47	52	69		52	38	40	53		55.5	36	32				
15.00	39	41	52		55.5	46.5	51.5	69		50.5	37.5	40.5	52		53.5	35.5	29				
15.30	38.5	40.5	51		51.5	46	50.5	66		48.5	37.5	39.5	50		50.5	35.5	29				
16.00	38	40	49.5		48.5	45	49.5	67.5		45.5	37.5	39	48.5		47.5	35.5	28.5				
16.30	38.5	40	47.5		46	45	48.5	60		44	37.5	38.5	46		45	35.5	30				
17.00	38	37.5	45		43	44	47.5	57		40.5	36.5	38	43.5		41.5	34	29				
17.30	38	39	42		38	43.5	46	53		35.5	36	37	39		37	34	27.5				
18.00	37.5	38.5	39.5		34	43	45	50		32	35	35.5	37.5		33.5	33	26				
18.30	37	37.5	38.5		31.5	42	44	47		29	35	35	35		31	30	25.5				
19.00	37	37	37		30.5	41.5	43.5	46.5		28.5	35	34	34		30	27	25				
19.30	37	37	37		30	41	43	45		28	34	33.5	33.5		29	30	26				
20.00	36	36	36		30	40.5	42.5	44.5		28	33.5	33	32.5		28.5	29	25				
20.30	36	36	36		30	41	42	44		28	33	32.5	32		28.5	28.5	25				
21.00	35.5	35.5	35		29	40	41.5	43		27	33	32.5	32		28.5	29	24.5				
21.30	35	35	35		29	40	41.5	43		28	33	32	32		28	28.5	24.5				
22.00	35	35	35		29	39.5	40.5	42		27	32.5	32	31.5		27.5	28	25				
22.30	35	35	34.5		29	39.5	40	41.5		27	32	32	31		27	28	25				
23.00	35	35	34		28.5	39	40	41		27	32	32	31		27	27.5	24.5				
23.30	34	34.5	34		28.5	39	39.5	40		26.5	32	31	30.5		29	27.5	24.5				
00.00	34	34.5	34		28	39	39.5	40		26.5	32	31	30		27	27	24.5				
00.30	34	34	33.5		28	39	39	39.5		26	31.5	30.5	30		26.5	27	24.5				
01.00	34	34	33.5		28	39	39	39.5		27	31.5	30.5	30		26.5	27	24.5				
01.30	34	34	33		28	38	39	39.5		27	31	30.5	29.5		26	27	24.5				
02.00	33	33	32		27	37	38	38		26	31	30	30		26.5	27	24				
02.30	32	32	32		27	36.5	37	37		25	31.5	30	30		26.5	27	24				
03.00	33	33	33		28	36.5	38.5	37.5		25.5	31	30	29		26	27	24				
03.30	33	33	32.5		27.5	36.5	37.5	37.5		25.5	31	30	29		26	26	24				
04.00	33	33	32		27	37.5	37	37		25	31	30	29		26	26	24				
04.30	33	33	32		27	36.5	37.5	36.5		25	30	29	28.5		25.5	26	24				
05.00	33	33	33		28	37	[illegible]	[illegible]		25.5	30	29	28.5		25.5	26	24				
05.30	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]				

ผลการทดลองขั้นตอนที่ 3.2 แสง. หลอดโซเดียมความดันสูง/ม่าน เปิด 100% วันที่บันทึกผล 6.00/5.4.42 ถึงวันที่ 5.50/6.4.42

TIME	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	DB	WB	WIND	RAD	SKY	RH
	MODEL 1					MODEL 2					MODEL 3					MODEL 4					MODEL 5					MODEL 6					COMFORT FACTOR					
						2.1	2.2	2.3		2.4	3.1	3.2	3.3		3.4	4.1	4.2	4.3		4.4	5.1	5.2	5.3		5.4	6.1	6.2	6.3		6.4	31	32	M/S	BTU	C/O	%
6.00						25	25	25		24	25	25	25		23	25	25	25		24	25	25	25		23	25	26	25		24	25	23				
6.30						25	25	25		24	25	25	25		23	25	25	25		24	25	25	24.5		23	25	25	24.5		23.5	25	23				
7.00						25	25	25		24	26	26	26		24.5	25	25	25		25	25	25	24.5		23.5	26	25.5	25		23.5	26	23				
7.30						25	25	25		25	26	26.5	25		25	24	26.5	24.5		25	24.5	24	24		23.5	26.5	25.5	25.5		25	26	23				
8.00						27	27	27		28	27	28	27		28	27	27	27		29	27	26.5	26.5		27	27	27	27.5		29	26.5	24				
8.30						28	27	27		29	28	28	27		30	27	27.5	27		30	27	27	27		28.5	28.1	28	28		30	28	24				
9.00						29	28	28		33	29	28	28		33.5	28.5	28.5	28.5		33.5	28	29.5	28		32	28.5	28.5	29		30	28	25				
9.30						30	29	28		35	29	29	28		35	29	29.5	30		35.5	29	29.5	30		33	30	30	30.5		35	29	25				
10.00						31	30.5	30		38	30.5	30.5	30		39	30	30.5	30.5		37	31	30.5	30.5		37.5	31	31	31		39	30.5	26				
10.30						33.5	32	33		44	32	32	32		45	31	31	32		44	31	31	32		41	31	31	32		42.5	31.5	27.5				
11.00						34	33	32		43	32	32	32		44	31	31.5	32.5		44	32	31	33.5		41	32.5	32	34.5		43	32	28				
11.30						34	33	32		41	32	32	32		42	31	31.5	32.5		41.5	31	31.5	33		39	31.5	32	33		40	31.5	28				
12.00						34	33	32		39	32	32	33		40	31	31.5	32		39.5	31.5	31.5	32		39.5	32	32	32.5		39	32	28				
12.30						35	33.5	32.5		42	33	33	33		43	32	32	33		43	32	32	34		39	32	32	33		41.5	32	28				
13.00						36	35	34		44.5	34	34	33.5		45	33	33.5	33.5		44.5	32.5	33	34.5		42	33.5	33.5	34.5		44	34	28.5				
13.30						36	34.5	33		42.5	33.5	34	33		43	33	33.5	33.5		42.5	33	32.5	34		40	33	33.5	34.5		44	33.5	28				
14.00						35.5	35	33		40	34	34	33.5		42	34	34	33		41.5	33.5	33	33		39	33.5	33	33.5		40	33	28				
14.30						35	33.5	33.5		39	34	34	33		40	33	33.5	33.5		39.5	33.5	33	33.5		37.5	33	33	33.5		39	33.5	28				
15.00						34	33	32		38	34	33.5	33		38	33.5	33.5	33		39	33	33	33.5		37	33	33	33.5		38	33	28				
15.30						34	33	32		37	33.5	33	32		38	33.5	33	33.5		37.5	33.5	33.5	33.5		36	33	33	33		37.5	33.5	28				
16.00						33	32	31		34	33	32.5	32		35	32	32	32		35	32	32	32		33.5	32	32	32		35	32	27				
16.30						33	32	31		37	33	32	32		34	32	32	32		34.5	31.5	31.5	31.5		33.5	32	31.5	31.5		33	[illegible]	[illegible]				
17.00						33.5	32.5	32		34	33.5	33	32		35	32	32	32		35	32	31	32		33	33	32.5	32		34.5	32	28				
17.30						32	31.5	30.5		32	32.5	32	31.5		32	31.5	31.5	31.5		32	31.5	31	31		31	32	31.5	31.5		32	32	27.5				
18.00						31	30.5	30		30	32	31.5	31		30	31	31	31		31	30.5	30	30		28.5	31.5	30.5	30.5		30	31	26.5				
18.30						29.5	29	29		27.5	31	30.5	30		27.5	30	30	30		28.5	29	29	29		26.5	30.5	29.5	29		29	30	26				
19.00						29	28.5	28		26.5	30	29.5	29		26.5	29	29	29		27.5	28.5	28	28		25.5	29	28.5	28		26.5	29	25				
19.30						28	28	28		26.5	30	29	29		26	29	28.5	28.5		27	28	28	28		25.5	29	28	27.5		26	28.5	25				
20.00						28	28	27.5		26	29.5	29	28		26	28.5	28.5	28.5		27	28	27.5	27.5		25	28.5	28	27.5		26	28	25				
20.30						28	28	28		26	29	29	28		25.5	28	28	28		27	28	27	27		25	28.5	28.5	27		26	28	25				
21.00						28	28	27		26	29	29	28		26	27.5	28	28		27	28	27	27		25.5	28.5	28.5	27.5		26	28	24.5				
21.30						28	28	27.5		26	29	29	28		26	28.5	28.5	28		26.5	28	28.5	28.5		25	28.5	28.5	27.5		26	28	24.5				
22.00						28	28.5	27		26	29	28.5	28		25.5	28	28	28		27	28	28	28		25	28.5	28.5	28.5		26	28	24.5				
22.30						28	28.5	27		26	29.5	28.5	28		25.5	28.5	28	28		26.5	28.5	28	27		25	28	28	27		25.5	28	24.5				
23.00						28.5	28.5	27		25.5	29	28.5	28		27	28	28	28		26.5	28.5	28	27		24.5	28	28	27		25.5	28	24.5				
23.30						28.5	28.5	28		25.5	29	28	28		27	28	28	28		26	28	28	27		24.5	28	28.5	27		26.5	28	24.5				
00.00						28.5	28	27		25.5	28.5	28	28.5		27.5	28	28	28		26	28	28	27		25	28	28.5	27		25.5	28	24.5				
00.30						28.5	28	27		25.5	28.5	28	28.5		27	28	28	28		26	27	27	27		25	28	28.5	27		25.5	28	24.5				
01.00						28.5	28	27.5		25	28.5	28	28		25	28	28	28		26	27	27	26.5		24	28	28	28		25	28	24.5				
01.30						27	27	26.5		25	28.5	28	28		25	28	28	28		26	27	27	26.5		24	27.5	28	26		25	28.5	24.5				
02.00						27	27	26.5		25	28.5	28	28		25	28.5	28.5	28.5		26.5	28	28.5	26.5		24.5	28	28.5	26.5		25.5	[illegible]	24.5				
02.30						27	27	26		25	28	28.5	28		25	27	28.5	27		26.5	27	28.5	26.5		24.5	28.5	27	26.5		25	27	24.5				
03.00						27	26.5	26		25	28	28	28		25.5	28	27	27		26.5	26.5	26	26		24.5	28	28.5	26		25	27	24				
03.30						26.5	26.5	26		25	28	28	27		25	26.5	27	27		26	26	26	26		24	28	28	26		25	26	24				
04.00						26.5	26	26		25	27	[illegible]	26.5		25	26.5	26	26.5		26	26	26	26		24	27	27.5	26		25	26	24				
04.30						26	26	26		25	27	26.5	26		25	26	26	26		25	25	25.5	26		24	26	26	25		24	25	24				
05.00						25	24	25		24	26	26	25		24	25	25.5	25.5		24	24.5	25	25		23	25	24.5	24		23	25	23				
05.30						23	23.5	24		23	25	25	24.5		23	24	25	[illegible]		[illegible]	24	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		22.5	24	23	[illegible]	[illegible]	[illegible]	[illegible]

ผลการทดลองขั้นตอนที่ 3.2 แสดง [illegible] วันที่บันทึกผล 6.00/7.4.42 ถึงวันที่ 18.00/7.4.42

TIME	MODEL 1					MODEL 2					MODEL 3					MODEL 4					MODEL 5					MODEL 6					COMFORT FACTOR					
	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	DB	WB	WIND	RAD	SKY	RH
						2.1	2.2	2.3		2.4	3.1	3.2	3.3		3.4	4.1	4.2	4.3		4.4	5.1	5.2	5.3		5.4	6.1	6.2	6.3		6.4	31	32	M/S	BTU	C/O	%
6.00						24	24	24		23	26	25	25		25	25	25	25		24	24	24	24		22	25	23.5	24		22.5	24	22.5	[illegible]			
5.30						24	24	22.5		23	25.5	25.5	25		23.5	[illegible]	[illegible]	25		24	[illegible]	[illegible]	22.5		22	24	23.5	24		23	24.5	[illegible]	[illegible]			
7.00						23	23	22.5		22	25	25.5	25.5		23.5	24	25	24		23	23.5	24	23		22.5	24.5	24.5	23.5		22.5	25	21.5	[illegible]			
7.30						23	23	22.5		22	25	26	24		22.5	23.5	25	22.5		23	23	24	22.5		22	24.5	24.5	23		22	25	21.5	[illegible]			
8.00						24.5	25	26		30	24	26.5	25		28	24	25.5	25		29.5	24	24.5	26		27	24	24.5	25		29	25	23	[illegible]			
8.30						26	27.5	29		36.5	26	27	27.5		37	26	28	29		37.5	26	27	28.5		35.5	25.5	26.5	27.5		32	26.5	23.5				
9.00						28.5	28	29.5		35	28.5	28.5	27.5		44.5	27	27.5	[illegible]		42.5	28.5	29.5	27		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	28	[illegible]	[illegible]			
9.30						27	28.5	27.5		36.5	27	28.5	[illegible]		[illegible]	26.5	28.5	28		[illegible]	26	28.5	[illegible]		[illegible]	[illegible]	28.5	[illegible]		[illegible]	28.5	[illegible]	[illegible]			
10.00						30	30	31.5		43	29	29	30		45	28.5	30	31		45	29	[illegible]	31.5		[illegible]	29.5	29	31		48	29	29				
10.30						31	32	32		48	30	30.5	31.5		56.5	30	31	31		47	31	31	32		53.5	31	31.5	30.5		50	31.5	29	[illegible]			
11.00						34	33.5	35		52	33	32.5	34		60	32	32.5	34.5		57	32.5	33.5	36		53	33	32.5	35.5		56	33	29	พัดลม/			
11.30						32	31	33		53	30.5	32.5	31		54	29.5	32	31.5		50	31	33.5	31.5		48	30.5	33	32		48	32	28	พัดลม/			
12.00						30.5	30	31		49	30.5	32.5	31.5		51	30.5	32	32		46	30.5	33	32.5		46	32.5	32	32.5		47	33.5	29	[illegible]			
12.30						33.5	36	35		55	32.5	33	33		58	32	33	34		55	33	33.5	34.5		53	33	34	34		55.5	34	31	[illegible]			
13.00						37	36	37.5		54	34.5	34.5	36		59	33.5	34	35.5		54	34	34.5	37		52	34	34.5	33.5		53.5	33.5	31	" 31	"		
13.30						38	37.5	39		49	33	34.5	35		54	32	33.5	35.5		51	32.5	33	37.5		51	32	34.5	35		51	32	30				
14.00						35.5	35.5	35		52	33.5	34.5	35		54	33	34	36		51.5	35	34	36		49.5	33	33.5	36		51	34	29	[illegible]			
14.30						34	34.5	36		47.5	33.5	34	35		51	33	33.5	35		48	32.5	33.5	36		46.5	33	33	35		47.5	34	28				
15.00						36	36	37		47	33.5	34.5	35.5		49	33	34	36		47	33	33.5	37		45	33.5	33.5	36		46.5	34	28				
15.30						37	37	38		42.5	34	34	36.5		51	34	34	35.5		48	33.5	34.5	36		46	34	34.5	36		48	34	28				
16.00						36	35.5	36		45	34	34	35		48	33.5	34	36		45.5	33	33.5	34		43.5	33.5	33.5	34.5		45	33	28	[illegible]			
16.30						34	34	35		43	34	32	34		45	33	33.5	34		42.5	32	32	33		40	33	32	32		40	32.5	27.5	[illegible]			
17.00						27.5	27	27		27	27	27	26		27.5	27	27	27		27.5	27	26.5	26		26.5	27.5	26.5	26.5		27	27	23	[illegible]			
17.30						27	26.5	26		26	27	26	26		26	25.5	26	26		25.5	25	25.5	25		25.5	27	26	26		25.5	27	24	[illegible]			
18.00						27	26.5	26		25.5		26.5	27.5		26	27.5	26	27.5		26.5	26.5	26	26.5		26	28	26.5	27		25	27.5	28				
18.30																																				
19.00																																				
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ผลการทดลองขั้นตอนที่ 4.1 แสดง [illegible] วันที่บันทึกผล 6.00/20.3.42 ถึงวันที่ 5.30/21.3.42

TIME	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	DB	WB	WIND	RAD	SKY	RH
	MODEL 1					MODEL 2					MODEL 3					MODEL 4					MODEL 5					MODEL 6					COMFORT FACTOR					
						2.1	2.2	2.3		2.4	3.1	3.2	3.3		3.4	4.1	4.2	4.3		4.4	5.1	5.2	5.3		5.4	6.1	6.2	6.3		6.4	31	32	M/S	BTU	C/O	%
6.00						23	23	23		22	35	35	35		24	32	32	31.5		26	35	36	36		24	30	29	28		25	26	23.5				
6.30						24	24	23		22	35	35	35		24	32	32	31.5		26	36	35	35		24	30	29	29		25	26	23				
7.00						25	25	24		23	35	35	35		25	32	32	32		27	36	36.5	36.5		25	30.5	30	29		26	26	23.5				
7.30						27	26	26		25	36	35.5	36		25	32	32	32		27	36.5	36.5	37		25	30.5	30	30		25	27	23				
8.00						32	31.5	33		30	36	35	37		33	32	32	33.5		34	36.5	37	37.5		32	30.5	30.5	33		29	29	23				
8.30						37	37	37.5		37	35.5	35	39.5		37	32	32	36		38	37	39.5	43		35	30.5	31	36		37.5	29	23				
9.00						45	45	49		46	36	36	44		45	33	34	40		46	38	40	48		41	31.5	32	39		43	31.5	25				
9.30						51.5	52	55		52	36	36	46		48	33	34	43		49	39	41	50		46	32	33	43		46	32	25				
10.00						52	57	60		57	37	37	49		52	34	35	45		53	39	43	50		47	32	33	45		48	32	21				
10.30						61	61	53		59	37	38	51		53	34	35	47		54	39.5	44.5	50.5		50.5	33	35	48		54.5	34	26				
11.00						67	66	68		64	37	39	54		57	35.5	37	49		57	42	47	62		53	34	36	50.5		58	34	28				
11.30						65	68	68		65	38	39.5	55		59	35.5	37	50		55	42	49	61		53	35	37	52		59	35	28				
12.00						70	70	70		66	39	40	56		58	37	38	51		59	43	49	65.5		55	35	37	53		60	35	30				
12.30						71	70	70.5		66	39.5	41	57		59	37	38	52		59	43.5	49.5	67		54	35.5	38	54		60	35	30				
13.00						71	71	71		67	40	41	58.5		60	37	39	52.5		60	43.5	50	68		56	35.5	39.5	54		61	34	31				
13.30						70	70	70		69	39.5	41	59		58	37	39	52.5		58	43.5	50	68.5		54	35.5	37	54		59	36.5	31				
14.00						66	67	67		62	39.5	42	59		57	37	39	52		56	43.5	50	68		53	35.5	38	55		57	36.5	30				
14.30						64	64	64		59	39.5	42	59		56	37	39	52		55	43.5	50	68		52	35.5	38	53.5		55.5	36	29				
15.00						61	61	61		58	39.5	42	57		53	37	39	52		53	43	49	66.5		51	35.5	38	52		54	36	28				
15.30						52	57	57		53	39.5	39.5	58		51	37	38	51		51	43	49	64		48	35.5	39	49.5		50	36	29				
16.00						53	53	53		48	39	41	56		48	36.5	38	49		48	43.5	48	62		45	35	39	46		47	35.5	29				
16.30						49	49	49		45	39	41	55		45	36	38	49		45	42	47	59		43	35	37	45.5		44.5	35.5	29				
17.00						42	42	42		38	39	41	52		39	36	37.5	43		39.5	43	45.5	54		38	34.5	36	41.5		38	34	26				
17.30						35	35	37		34	39	40	50		36	36	37.5	41.5		37	41.5	45	51.5		35	34.5	36	39		36	33	25				
18.00						33	33	32		30	39	39.5	48		32	36	37	39		33	41	43	48		31	34	35	36		32	32	24				
18.30						31	31	30		28	39	40	47		30	36	37	38		32	41	43	47		30	33.5	34	35		30.5	31	25				
19.00						28	28	27		25	38	39	46		28	35	36	36		30	40	42	45		28	33	33	33		29	30	23				
19.30						27	27	26		24	37	39	43		27	35	35	35.5		29	39.5	41	43.5		27	33	33	33		28	29	23				
20.00						26	26	26		24	37.5	38	42		27	35	35	35		29	39	40.5	42.5		27	33	32.5	32		28	29	24				
20.30						26	26	25		24	37.5	38	42		27	35	35	34.5		29	39	40	42		27	33	32	32		28	29	23				
21.00						26	26	25		24	37	38	41		27	34.5	35	34		28	39	39.5	41		27	32.5	32	32		27.5	29	23				
21.30						26	26	25		24	37	37.5	40		26	34	34	34		28	37.5	39	40		26	32	32	31		27	27	23				
22.00						26	25	25		24	37	37.5	39.5		26	34	34	33		28	38.5	39.5	39.5		26	32	31	31		27	27	23				
22.30						26	25	25		24	37	37.5	39.5		26	34	34	33		28	38	39	39.5		26	32	31	31		27	27	23				
23.00						26	25	24		24	37	37	38.5		26	34	34	33		28	38	38	39		26	32	31	30		27	27	23				
23.30						26	24	24		23	36	36.5	37.5		25	33	33	32		29	37.5	39	38		25	31	30	30		26	27	23				
00.00						25	24	24		23	36	36	37.5		25	33	33	32		29	37.5	37	37		25	31	30	29.5		26	27	23				
00.30						25	24	24		23	36	36	37.5		25	33	33	32		27	37.5	37	37		25	31	30	29		26	27	23				
01.00						24	24	23		22	36	36	37		24	33	33	32		26	37	37	37		24.5	31	30	29		25	27	22				
01.30						24	24	23		22	36	36	37		24	33	32.5	32		26	37	36.5	37		24	30.5	30	28.5		25	26.5	23				
02.00						24	23	23		22	36	36	36		24	33	32	32		26	37	36	36		24.5	30.5	29	28		25	26	22				
02.30						24	23	23		21.5	36	35	36		24	32	32	32		26	37	36	36		24	30	29	27		25	26	22				
03.00						23	23	23		21.5	35	35	36		24	32	32	31		26	36	36	36		24	30	29	27		25	26	23				
03.30						23.5	23	22.5		21.5	35	35	35		24	32	32	31.5		25.5	36	35	35		24	30	29	27		25	26	22				
04.00						23	23	22.5		22	35	35	35		24	32	32	31		26	36	35	35		24.5	30	29	28		25	26	22				
04.30						24	23	23		22	35	35	35		24.5	32	32	31		26.5	36	35	35		25	30	29.5	28		25	26	22				
05.00						23	23.5	23		22	35	35	35		24	32	32	31		26	35.5	35	35		24	30	29	28			22				
05.30						24	24	23		22	36	35.5	35		24	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]				

ผลการทดลองขั้นตอนที่ +1 แสดง [illegible] วันที่บันทึกผล 6.00/21.3.42 ถึงวันที่ 18.00/21.3.42

TIME	MODEL 1 IN1	IN2	IN3	SF1	SF2	MODEL 2 IN1	IN2	IN3	SF1	SF2	MODEL 3 IN1	IN2	IN3	SF1	SF2	MODEL 4 IN1	IN2	IN3	SF1	SF2	MODEL 5 IN1	IN2	IN3	SF1	SF2	MODEL 6 IN1	IN2	IN3	SF1	SF2	COMFORT FACTOR DB	WB	WIND	RAD	SKY	RH
						21	22	23		24	31	32	33		34	41	42	43		44	51	52	53		54	61	62	63		64	31	32	M/S	BTU	C/O	%
6.00						23.5	23	23		22	35	35	35		24	32	31.5	30.5		25.5	35.5	35	35		24	30	28.5	28		28.5	26	23				
6.30						24	23	23		23	35	35	35		24	32	32	31		26	35.5	35.5	35		24	30	28	28		25	26	23				
7.00						25	24	24		23	35	35.5	35.5		25	32	32	32		27	36	35.5	35.5		25	30	29.5	29		26	27	23				
7.30						27	27	25		27	35	35	36		30	32	32	32		32	35	35	35		25.5	31	30.5	31.5		31	25	23.5				
8.00						33	32	35		33	36	35	38		35	32	32	32		32.5	36	35.5	36		30	31	30			30.5	29					
8.30						39	39	43		42	36	35	40		41	32	32	33		33.5	37	37	45		37	31	30.5	37		33.5	29.5	23				
9.00						42	43	51		49	35.5	35	44		45	32	33	40		47	39	39	48		42	31.5	32	40		44	32	25				
9.30						56	56	60		58	36	37	48		52	33	34	44		55.5	42.5	41.5	53		47.5	32	33	45		50.5	34	26	เมฆ 50%		✓	
10.00						57	57	60		56.5	36	37	49		51	34	36	45		51.5	38	43	55		48	32	33.5	45		51	34.5	26				
10.30						57	57	59		55.5	37	38	50		51	34	35	45		51	37	43	55		47	35	34	45		51	35	27				
11.00						67	66	69		67	37.5	39	54		58	35	36	50		61	40	46.5	62		55	34	36	45		55	35	28				
11.30						71	71	75		71	39	40	57		62	36	37.5	52		63	43	49	66		52.5	35	38	51		55.5	36.5	30				
12.00						74	74	75		70	39.5	41	58		62	37	38	53		62	44.5	50	67.5		58	35.5	38	56		64	36.5	31	ร้อนอบ			
12.30						75	74	75		71	40	41	59		63	37	39	53		63	40	50.5	69		59	35.5	38	56		65	36.5	31				
13.00						74	74	75		70	40	42	61		62	37.5	39	54		61	44	51	70		59	35.5	38	57		63	37	31				
13.30						74	76	75		71	40	42	61		64	37.5	39	54		63	44	51	72		59	36	39	57		65	37.5	32				
14.00						72	73	74		68	40	42	62		61	37.5	39	54		61	44	51	71.5		57	36	39	56		63	38	31				
14.30						70	71	72		67	40	42	62		61	37.5	39	55		61	44	51	72		57	35.5	38	55.5		63	38	30				
15.00						66	66	67		62	40	42	62		58	37	39	54		57	43.5	48.5	70		55	35	38	54		58	37.5	29				
15.30						62	62	63		58	40	43	61		55	37	39	53		54	42.5	50	68		53	35	37	52		55	37.5	29			ร้อนอบ	/ร้อ
16.00						55	56	57		53	39.5	43	59		52	37	39	52		51	42	49	65		49	35	37.5	50		52	37	28				
16.30						51	51.5	52		49	39.5	42	57		49	37	38.5	48		47	43	48	61		46.5	34	39.5	47		47.5	37	27				
17.00						47	46.5	47		43	40	42	55		44	37	38	46		47	42.5	47	57		42	34	36	43.5		42	36	28				
17.30						41.5	41	40.5		38	39.5	41.5	52.5		39.5	36.5	38.5	42.5		40	42	45	53		37.5	34	36	41		38	35.5	28				
18.00						37.5	37.5	37.5		35.5	39.5	41	51		36.5	36	38	42		37	41.5	45	51.5		35.5	33.5	35.5	35		36	35	27				
18.30																																				
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ผลการทดลองขั้นตอนที่ 4.2 แสดง [illegible] วันที่บันทึกผล 6.00/22.6.42 ถึงวันที่ 5.30/23.3.42

TIME	MODEL 1 IN1	IN2	IN3	SF1	SF2	MODEL 2 IN1	IN2	IN3	SF1	SF2	MODEL 3 IN1	IN2	IN3	SF1	SF2	MODEL 4 IN1	IN2	IN3	SF1	SF2	MODEL 5 IN1	IN2	IN3	SF1	SF2	MODEL 6 IN1	IN2	IN3	SF1	SF2	COMFORT FACTOR DB	WB	WIND	RAD	SKY	R=
						24	22	23		24	31	32	30		34	41	42	42		44	51	52	53		54	61	62	63		64	31	32	M/S	BTU	C/O	%
6.00						25	25	24.5		23.5	30	29.5	28		24.5	29	29	27.5		25.5	28	27.5	27		23.5	27.5	27	26.5		24	27	25	[illegible]					
6.30						25	24.5	24		23	30	30	28		24	29	29	27		25.5	28	27.5	26.5		23.5	28	27	26.5		24.5	27	24	[illegible]					
7.00						26	25	25		24	30	30	28		25	29	28.5	27		26	28	27	26		24	28	27.5	26		25	27	24	[illegible]					
7.30						27.5	27.5	27		27	30.5	31	29.5		27	29.5	29	28.5		28.5	28.5	28.5	28		25.5	28.5	28	28		28	28.5	25	[illegible]					
8.00						31	30.5	31		31	30	30	27		30	29.5	29	29.5		31	28.5	28	27.5		25.5	28.5	27.5	27		30	28.5	24.5	"					
8.30						33	32	33		32	31.5	31	30		31	29.5	29.5	27		32	28.5	28	28		29.5	28.5	28	28.5		31	29	25	[illegible]					
9.00						34	34	34		33.5	31.5	31	30		32	30	30	29.5		32.5	29	28	29		30.5	28.5	27.5	28.5		31	29	26						
9.30						44.5	44.5	45		44.5	32	31.5	31.5		40	30.5	31	31		40	29	29	30.5		37	[illegible]	[illegible]	[illegible]		37	31	26.5					
10.00						48.5	49	50.5		49	32.5	32	32.5		48	32.5	32	32.5		48	30.5	30.5	32		39	29.5	30	32		40	32	27						
10.30						55	55	58		57	33	33	35		50	31.5	32	32		49	31	32	35		45	31	32	34		48	33	28						
11.00						64	64	67		64	35	34	36		55	32	33	33.5		52.5	31.5	32	36		50	32	32	36		53	35	29						
11.30						66	66	67.5		63	35.5	35.5	34		53	32	32.5	34		49.5	31.5	31.5	34		48	32	31.5	33.5		49.5	35	29	[illegible]					
12.00						76	75.5	76		72.5	36	36	34		60	33.5	33.5	35		55.5	33	33.5	36		52.5	33	33.5	35.5		55	36	31						
12.30						76	76	76		71	36	35	37		60	34	35	36		55.5	33	33.5	37		53	33	33.5	36		54	36	31						
13.00						77	77	77		72	36	36	37		60	34	35	37.5		55	33.5	33.5	35		55	33	33.5	37		54.5	37	31.5						
13.30						75	75	74.5		68	36	36	37		57.5	34.5	35.5	37.5		52	33.5	33.5	37.5		51	33	33.5	36.5		51.5	37	32						
14.00						71.5	72	72		67	36	37	39		58	34	35.5	38		53	33.5	34	38		51	33	33.5	37		52	37	31.5						
14.30						68	69	69		65	35.5	37	39		56.5	34.5	35.5	38		52	33.5	35	40		51.5	33	35	38		52	36.5	30.5	[illegible]					
15.00						59	50	51		55	35	36	39.5		48.5	34	35	37		49.5	33	34	37		44	32.5	33	35.5		45.5	34	29	[illegible]					
15.30						48	49	49.5		44	33	35	36		40	33.5	34	35		38	32.5	32.5	34		37	30	32	34		37	33	28.5	[illegible]					
16.00						38	37	39		33	32	32	35		32	31.5	31	30.5		31	31.5	30.5	30		30	28	27.5	29.5		28.5	31	26	[illegible]					
16.30						36	35	35		32	32	32	31		31	31.5	31	30.5		31	29.5	29.5	29		30	28	28	28.5		29	30	26						
17.00						33.5	33	33		31	32	33	32		30.5	31.5	31.5	30.5		31.5	30	30	30		29	27.5	28.5	29		27.5	30	26	[illegible]					
17.30						33	33.5	32		30.5	32.5	32.5	31.5		30	31	32	30		31	30	29.5	30		28.5	28.5	28.5	29		29	29	25	[illegible]					
18.00						30.5	30	29		28	31.5	31	29		28	30	30	29.5		28	29	28	27.5		27	26.5	27.5	27		27	28	26	[illegible]					
18.30						27.5	28	27.5		26	30	29	29		26	29	28	27		26.5	27.5	27.5	26		25.5	26.5	26.5	26		26	26.5	24	[illegible]					
19.00						25	25	24.5		23	29.5	28.5	26		23	28	28.5	26.5		25	27	26.5	25		23	26	25.5	25		23	25	24.5	[illegible]					
19.30						24	24	23.5		22	29	28	26		23	28	27.5	26		23.5	26.5	26	25		22	26	25.5	24.5		23	26	22	[illegible]					
20.00						24	24	23.5		22	27.5	28	25		23	27.5	27.5	25.5		23.5	26	25.5	24.5		22	26	25	24.5		22.5	25.5	22	[illegible]					
20.30						24	24	23.5		22.5	28	28	25.5		23	27.5	27.5	25.5		24	26	25.5	24.5		22	26	25.5	24.5		23	25.5	22	[illegible]					
21.00						24	24	23.5		22.5	28	27.5	25.5		23	27.5	27	25.5		24	26	25.5	24.5		22	26	25	24.5		23	25	22	[illegible]					
21.30						24	24	23.5		22.5	28	27.5	25.5		23	27.5	27	25		24	26	25	24.5		22	26	25.5	24.5		23	25	22	[illegible]					
22.00						24	24	23		22	28	27.5	26		23	27.5	27	25.5		24	26	25.5	24.5		22	26	25.5	24.5		23	25	22	[illegible]					
22.30						24	23.5	23		22	28	27.5	26		22.5	27.5	27	25.5		24	26	25.5	24.5		22	26	25	24.5		22.5	25	22						
23.00						24	23.5	23		22	28	27.5	25.5		22.5	27.5	27	25.5		23.5	26	25.5	24		22	26	25.5	24.5		22.5	25	22						
23.30						24	23	23		22	28	27.5	25.5		22.5	27.5	27	25		24	26	25.5	24.5		22	26	25	24		22	25	22						
00.00						23.5	23	23		22	28	27	25.5		22	27	27	25		23.5	25.5	25	24		21.5	26	25	24		22	25	22						
00.30						23.5	23	23		22	28	27.5	25.5		22.5	27.5	27	25.5		23.5	25.5	25	24		22	26	25	24		22.5	25	22						
01.00						23.5	23	23		21.5	27.5	27	25.5		22.5	27	26.5	25		23.5	25	25	24		22	26	25	24		22	25	22						
01.30						23	23	22.5		21.5	27.5	27	25.5		22	27	26.5	25		23.5	25	25	24		21.5	26	26	25		24	25	22						
02.00						23	23	22		21.5	29.5	27	25		22.5	27	26.5	25		23.5	25	25	24.5		22	26	24.5	24		22.5	25	22						
02.30						22.5	23	23		22	27.5	27	25		22	27	26.5	25		24	25	24.5	24		22	26	25.5	25		24	25	22						
03.00						23.5	23	23		22.5	27	27	25		23	26.5	26	25		24	25	25	24		22	26	25.5	25		24	25	22						
03.30						23.5	23	23		22	27	27	25		23	26.5	26.5	25		24	25	25	24.5		22.5	25.5	25	25		24	24.5	22						
04.00						23	23	23		23	27	27	25		22.5	26.5	26.5	25		24	25	25	24		23	25.5	25.5	25		24	24.5	22						
04.30						24	23.5	23.5		22.5	27	27	25		23	26.5	27	25		24	25	25	24		23	25.5	25.5	25.5		22.5	24.5	22	[illegible]	[illegible]	[illegible]	[illegible]		
05.00						24	23	23		22	27	27	26		23	26	26.5	25		24	25	25	24		23	[illegible]	[illegible]	[illegible]		[illegible]								
05.30						[illegible]																															

ผลการทดลองขั้นตอนที่ 42 แสดง [illegible] วันที่บันทึกผล 6.00/23.3.42 ถึงวันที่ 18.00/23.3.42

TIME	MODEL 1					MODEL 2					MODEL 3					MODEL 4					MODEL 5					MODEL 6					COMFORT FACTOR					
	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	DB	WB	WIND	RAD	SKY	RH
						2.1	2.2	2.3		2.4	3.1	3.2	3.3		3.4	4.1	4.2	4.3		4.4	5.1	5.2	5.3		5.4	6.1	6.2	6.3		6.4	31	32	M/S	BTU	C/O	%
6.00						23	22.5	22		21.5	27	27	25		22	26.5	26	25		23	25	24	23.5		21	25.5	24	24		22	25	22				
6.30						23	22.5	22		21.5	27	26.5	25		22	26.5	26	25		23	25	24.5	24		21.5	26	24.5	24		22.5	25	22				
7.00						24	23	23		22	27.5	27	26		23	27	27	25.5		23	26	25.5	24.5		22.5	26.5	25.5	24.5		24	26	23				
7.30						27	27	28		27	28	27	27		27	26	25.5	26		26	26	25.5	26		25.5	25.5	25	25.5		25	27	23.5				
8.00						31	32	33		31.5	28	28.5	26.5		30	28	27	26.5		30	26	25	26		27.5	26.5	25.5	26		29	32	23				
8.30						34	34	36		34	29	29	29.5		32.5	32.5	28	29		32	26	26	27		30	26.5	26.5	27		31	34.5	23				
9.00						46	47	51		48	28	28	30		43	32.5	29.5	29		42	27	27	30		39	29.5	29.5	30		42	30.5	23				
9.30						52	53	54		52.5	29.5	29.5	30		47	29	29	31		45.5	28	29	30		42	29	29.5	30		43	30.5	24.5				
10.00						59.5	60	63		60.5	31	31	34		52	30	31	34.5		50	29	31.5	32		47	28.5	31	33		48	32	26				
10.30						62	63	64.5		58	31	31	32		51	30	31	32		48.5	30	30	32.5		45	29.5	30.5	32		47.5	32	26.5				
11.00						69	69	71		66.5	32	32	33.5		55	31	31.5	33		52	30	31	32		49	29.5	31.5	33		51	33	28.5				
11.30						66	67	68.5		62	32	32	32		53.5	31	31.5	32.5		49	30	30.5	32.5		47	29.5	30.5	32		47	33	28				
12.00						49	49	48.5		44	32	32	32		39	31	31	32		35	30.5	29.5	31.5		36	30.5	29.5	31		38	33	27				
12.30						36	36	35.5		31.5	32	31	30.5		29.5	31	30.5	30.5		30	30.5	29	30.5		28	29.5	29	30		29	33	26				
13.00						46	46	47.5		42.5	32.5	32	35		32.5	31.5	31.5	33.5		38.5	31.5	30.5	32.5		32.5	30.5	30.5	32		38	33	25				
13.30						49.5	49.5	51		48	32	31.5	32		45	31.5	31	32		42	32	29.5	32.5		37.5	30.5	30	32.5		41.5	33.5	26				
14.00						61	61.5	63		59	33	33	33.5		51.5	32	32	33		47	32	31	32		45	31	31	33		45	34	28				
14.30						49	49	49		46	33.5	32	33		41.5	32.5	32	33		38	32.5	30.5	32.5		37.5	31	30.5	32		36.5	34	27				
15.00						56.5	56.5	59.5		55.5	33.5	33	34		50	32.5	32.5	34		42.5	32.5	32	35		45	31.5	31.5	35		45.5	31.5	30				
15.30						52	52	52.5		49.5	33	33	34		45	32	32	34		42.5	32	31.5	34		42	31.5	31.5	34.5		43	33	28				
16.00						56	56.5	58.5		54.5	32.5	33.5	35		50	32	33	35.5		46	31	32	37		45	31.5	32	35		46	33	28				
16.30						50	50	50.5		47	32	33	34		43	32	32	33.5		40	31	31.5	33.5		37.5	31	31.5	33		39.5	33	27.5				
17.00						45	45	45		41.5	33	33	33		39	32	32	32.5		37	30.5	30.5	32		36	31	30.5	32		35	32.5	27				
17.30						41	41	41		38	33	32	32		36	32	32	32		35	30	30.5	31.5		33.5	30.5	30	31.5		33.5	32.5	26.5				
18.00						36	36	35.5		33	32	32	31		32	31.5	31.5	31		32	30	29.5	30.5		30.5	30	29.5	30		30.5	32	26				
18.30																																				
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ผลการทดลองขั้นตอนที่ 4.3 แสดง [illegible] เปิด 100% วันที่บันทึกผล 6.00/9.4.42 ถึงวันที่ 5.30/10.4.42

TIME	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	DB	WB	WIND	RAD	SKY	RH
	MODEL 1					MODEL 2					MODEL 3					MODEL 4					MODEL 5					MODEL 6					COMFORT FACTOR					
						2.1	2.2	2.3		2.4	3.1	3.2	3.3		3.4	4.1	4.2	4.3		4.4	5.1	5.2	5.3		5.4	6.1	6.2	6.3		6.4	31	32	M/S	BTU	C/O	%
6.00						24	24	24		22	25	24.5	24		22	24.5	24.5	24		23	24	24	23.5		22	25	24	23.5		22.5	24	22				
6.30						24.5	24	24		22.5	25	25	25		22	25	[illegible]	[illegible]		23	24	24	24		22	25.5	24.5	22		22	[illegible]	[illegible]				
7.00						26	25	24		24	27	26.5	26		24	26	26	26		25	25.5	25	25.5		23.5	26.5	26	25		24.5	26.5	23.5				
7.30						27	27	27		27	28	27.5	27		27	27	27	27.5		28	26	25.5	27		26.5	25.5	26	26.5		27	25.5	23.5				
8.00						29	29	30.5		37	28.5	28.5	29		33	28	28	29.5		36	27	28	29.5		31.5	27.5	27.5	28.5		33	30	25				
8.30						30	31	32		45	29.5	29.5	31		43	28.5	30	31.5		45	28.5	30	32		41	28.5	28.5	31		42	32	25				
8.00						31	32	33.5		47	30	30	32		47	29.5	30	33		47	28.5	30	32		43	29.5	29.5	31		44	33.5	26				
9.30						33	33	35.5		47.5	31	31.5	33		48	30.5	31	34		48.5	29.5	31.5	33.5		44.5	31	30.5	33		47	35	26				
10.00						32	33	34.5		55.5	31.5	31.5	33		54	30	31	34		53	29.5	30.5	32.5		49	30	30.5	32.5		50	33	28				
10.30						33	33	36		57	32	32	35		59	31	31.5	36		50	30.5	32	35		54	31.5	31.5	35.5		55	33.5	27				
11.00						33.5	33	35		42	32	32	34		45	31.5	31.5	33		42.5	31.5	32	34		42	31.5	31.5	32		41.5	33.5	27				
11.30						34	33.5	36		46.5	32.5	32.5	34		48	32	32	35		46.5	31	32.5	35.5		44	31.5	31.5	35		46	33.5	28				
12.00						34	33.5	36		49	33	32.5	33.5		52	32	32	35.5		48.5	31	32.5	34.5		46	32	32	35		45.5	33.5	28.5				
12.30						36	35	37		46.5	33.5	33.5	35		49	33	32.5	35		47.5	32	32.5	35		45	32	32	34		45	36	28.5				
13.00						37.5	37	38.5		48.5	34.5	34	35.5		50	33	33	36.5		49	32	33	35.5		46	32	32.5	34.5		47	36	29				
13.30						39.5	38.5	38.5		54	35	34.5	37		57	34	34	37.5		54	33	34	37.5		52	34	33.5	36		53.5	37	30				
14.00						38	37.5	38		53.5	34	35	37		56.5	33	34.5	40.5		53	32	34	38		52	33	34	37		53	37	30				
14.30						39	39	39.5		53	34.5	36	37.5		57	34	35	37		53.5	33	34.5	37.5		52	34	34.5	36		52.5	35	30.5				
15.00						40	39	40		51	36	36.5	38		53	35	35.5	39		51	34	35	37.5		49	34.5	34.5	37.5		50.5	37	30.5				
15.30						39.5	39.5	41		50.5	36	37	39		53	35	35.5	38		51	34	35.5	39		49	35	35.5	37.5		50.5	37	30.5				
16.00						38	38	38		49	35	36.5	35.5		51	34	35	37		47.5	32	33.5	35		45.5	33	33.5	33.5		45	37	29				
16.30						37.5	36.5	37		44	35.5	35	36		46.5	34.5	35	36		44	34	35	35.5		42.5	34.5	35	36		43.5	36	31				
17.00						35	35	35		37	35	35	35		37.5	34	34.5	35		35.5	33	33	34.5		36	34	33.5	33.5		36.5	35	29				
17.30						34	34	34		34.5	34	34	34		35	33	34	34		35	31	32	33		33.5	33.5	33	33		34	34	28				
18.00						33	33	33		33	34	34	33		33	33	33	33		33	31.5	32	32		32	33	32.5	32.5		32	34	28				
18.30						32	31.5	31		30	33	32.5	32		29.5	32	32	32		30.5	31	31.5	31.5		29	32	31.5	31.5		29.5	32	27				
19.00						31	31	30.5		29	32	32	31.5		28.5	31.5	31.5	31.5		29	30.5	30.5	30.5		28	32	31.5	30.5		28.5	32	26				
19.30						30.5	30	30		28	32	31.5	31		28	31	31	30.5		29	29.5	30	30		27.5	30.5	30.5	30		28	31.5	25				
20.00						30	30	29.5		28	31.5	31	30.5		27.5	30.5	30.5	30.5		28.5	29	29	29		27	30.5	29.5	29.5		27.5	30.5	25				
20.30						30	30	29		27.5	31	31	30		27	30.5	30.5	30		28	27	29	29		26.5	30	30.5	29		27	30.5	25				
21.00						30	29	29		28	31	30.5	30		27	30	30.5	30		28	29	29	29		26.5	30	29.5	29		27	30	25				
21.30						29	28.5	28		27.5	30	29	29		27.5	29	29	29		28	28	28	28		27	29	29	28.5		27	30	24				
22.00						27.5	27	27		26	28	28	28		26	27.5	27.5	27.5		26.5	27	27	26.5		25.5	28	27	27		26	27.5	23				
22.30						27	26.5	26		25.5	28	27.5	27		25.5	27.5	27.5	27		26	26.5	26	26.5		25	27.5	26.5	26.5		25	27	22.5				
23.00						26.5	26.5	26		24	28	27.5	27		24	27	27.5	26.5		24.5	26.5	26	26		23	27	26.5	25.5		23.5	27	23				
23.30						26.5	26.5	26		24	28	27	27		24	27	27	26.5		24.5	26.5	26	26		23	27	26.5	25.5		23.5	27	23				
00.00						26.5	26.5	26		24	28	27	27		24	27	27	26.5		24	26.5	25.5	26		23	27	26.5	25.5		23.5	27	23				
00.30						26.5	26.5	26		24	27	27	27		24	27	27	26		24	26	25.5	25.5		23	26.5	26	25		23.5	26.5	23				
01.00						26	26	25		24	27	27	26.5		23.5	26.5	26.5	26		24	26	25.5	25.5		23.5	26.5	26	25		23	26.5	23				
01.30						26	26	25		24	27	26.5	26.5		23.5	26.5	26.5	26		23.5	25.5	25	25.5		23.5	26	26	25		23	26	22				
02.00						25.5	25	24.5		23.5	26.5	26.5	26		23	26.5	26	25.5		23.5	25.5	25	25		23.5	26	25.5	24.5		23	26	22				
02.30						25.5	25	24.5		23.5	26.5	26.5	26		23	26	26	25.5		23.5	25.5	24.5	25		22.5	26	25.5	24.5		23	26	22				
03.00						25	25	24		23	26	26	25		22	26	26	25		23	25	24.5	24		22	25.5	25.5	24		22.5	25.5	22				
03.30						25	24.5	24		22	26.5	26	25		22	26	26	25		23	25	24.5	24		21.5	26	25	24		22	25.5	22				
04.00						25	25	24.5		22	26.5	26	25		22	26	26	25		22	25.5	24	24		21.5	25	24.5	24		22.5	25.5	22				
04.30						25	24	24		22	26	25.5	25		22	25	25.5	25		22.5	25.5	24	24		21	25	24.5	23.5		21.5	25.5	22				
05.00						25	24	24		22.5	26.5	26	25		22	26	25.5	25		23	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]				

ผลการทดลองขั้นสุดท้าย ที่ 4.3 แสดง [illegible] ตั้งแต่ 6.00/10.4.92 ถึงวันที่ 18.00/10.4.92

TIME	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	IN1	IN2	IN3	SF1	SF2	DB	WB	WIND	RAD	SKY
	MODEL 1					MODEL 2					MODEL 3					MODEL 4					MODEL 5					MODEL 6					% COMFORT FACTOR				
						2.1	2.2	2.3		2.4	3.1	3.2	3.3		3.4	4.1	4.2	4.3		4.4	5.1	5.2	5.3		5.4	6.1	6.2	6.3		6.4	31	32	M/S	BTU	C/O
6.00						25	25	24		22	27	26	26		22	26.5	26	26.5		23	25	25	24.5		22	26	25.5	25		22	26	23	[illegible]		
6.30						26	26	26		24.5	28	27	29		24	26	26	26.5		25	25	25	25		23	26.5	26	25		24	26	23	[illegible]		
7.00						27	26	27		26	28.5	28	27		26	27	27	27.5		27	26.5	26	26		25	26.5	26	25.5		25.5	28	24			
7.30						28	28	28.5		31	29	28	28		30	27	27	27		31	26.5	26.5	27		28	26.5	26	26		30	28	24			
8.00						31	30.5	31.5		38	30	29.5	31		32	28	29	30		38	28	28.5	30		35	28.5	29.5	29		34	27	25	[illegible]		
8.30						32	32	34		43.5	29.5	30.5	31		44	28	29	31		43	28.5	29.5	31		40	28	28.5	30		42.5	30	24	[illegible]		
9.00						32	32	33		46	30.5	30.5	32		48	30	30	33		47	29.5	31	33.5		44.5	29.5	29.5	32		45.5	31	24.5	" " "		"
9.30						34	34	36		49.5	31.5	32	33.5		51	30.5	30.5	32		49.5	30	29.5	33.5		47	30.5	[illegible]	32		48.5	32	25.5	" "		"
10.00						33	33	34		52	31.5	32.5	33.5		54	30.5	31	33.5		51.5	31	30.5	33.5		50	32	32	34		51.5	33.5	28			
10.30						35	35	39		53	32	32.5	35		52	32	32	35		53.5	31.5	32.5	36		52	32.5	32.5	35		54	35.5	29.5	[illegible]		
11.00						35	35	36		53	33.5	34	37		56	33	33	36		55.5	33	33	36.5		51	33	33	35		51	36.5	29.5	[illegible]		
11.30						35	34	36		50.5	34	35	36		54	33	33.5	36		52	33	33.5	37.5		49	33	33	34.5		50.5	36.5	30	[illegible]		
12.00						38	38	38		51	35.5	36	38		53	34.5	34.5	38		52	33.5	34	38		50.5	33.5	33.5	36.5		53	37	31	[illegible]		
12.30						39	38	39		54.5	36	36	38		61	35	35	39		55	34	35	39.5		55	34.5	34.5	37		57	37	32	[illegible]		
13.00						38	39.5	38		48	35.5	36	37.5		52	35	35	37		49	34	36	36.5		48	34	35	35		48	37	32	[illegible]		
13.30						38	39.5	38.5		44	35.5	35.5	37		48	34.5	34.5	36		45	33.5	36	37		44	34	35.5	34		43.5	36.5	30	[illegible]		
14.00						38	39	38.5		52	36	35.5	37		54	35	34.5	37.5		53	34.5	35	38		51	35	35.5	37		53	36.5	31	[illegible]		
14.30						39	38.5	38.5		51	37	35	37		54.5	36	34	39.5		52	35	35	40		51	36	35	38.5		51.5	36	31	[illegible]		
15.00						38	37	38.5		47.5	37	35	40.5		53	36	34	40.5		51	34.5	35	40.5		49	35.5	34.5	38		50	36	33.5	[illegible]		
15.30						36	38	37		46	36	35	36		49.5	35	34	39		47	34	34.5	38.5		45	35	33.5	35.5		46	36	31	[illegible]		
16.00						38	36.5	38.5		41	40.5	38.5	35		44	34	33.5	36		42	33.5	34	36		40.5	34.5	33.5	35		41.5	35.5	30.5	" "		
16.30						37	37	36		43	36	37.5	35.5		44.5	34	33.5	36		42.5	33	33.5	35		40	33.5	33	33.5		40	34.5	31	[illegible]		
17.00						34.5	34	34		37	34	34	34		38.5	33	33	34		37	32	32	33		35.5	33	32.5	33		36	34	28	[illegible]		
17.30						32.5	32	32		32	33	33	32.5		33.5	32	32	32		32.5	31.5	31.5	31.5		31.5	32.5	32	32		32	32	28	[illegible]		
18.00						32.5	32	32		31	32	32	32.5		32	32	32	32		32	31.5	31.5	31.5		30.5	32	31.5	31		30.5	32	28	[illegible]		
18.30																																			
19.00																																			
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THAI-GERMAN SPECIALTY GLASS CO.,LTD.

DATA PERFORMANCE

PYROLITIC REFLECTIVE GLASS

	TYPE (Brand name)	Standard Thickness (mm)	Optical performance					Thermal performance				
			Visible rays		Solar energy			Relative heat gain		U - Value Summer daytime		Shading Coefficient (SC)
			R Out	T	R Out	T	A	kcal/m 2 hr	Btu/ft 2 hr	kcal/m 2 hr	Btu/ft 2 hr	
1.	RSGGRN (#1)	6	36	31	31	23	46	312.30	99	6.19	1.09	0.42
2.	RSGGRN (#2)	6	21	31	12	23	65	353.31	112	6.36	1.12	0.48
3.	RSGBL (#1)	6	39	19	34	20	46	287.06	91	6.19	1.09	0.38
4.	RSGBL (#2)	6	15	19	12	20	68	337.54	107	6.36	1.12	0.45
5.	RECBG (#1)	6	46	30	37	23	40	246.06	78	3.18	0.56	0.35
6.	RECBG (#2)	6	31	30	19	23	58	286.13	85	3.18	0.56	0.38
7.	RSCAZ (#1)	6	35	28	29	15	56	271.29	86	6.36	1.12	0.35
8.	RSCAZ (#2)	6	20	28	11	15	74	315.46	100	6.53	1.15	0.42

T : TRANSMITTANCE R : REFLECTANCE A : ABSORPTION

NOTE :

- ALL VALUES ARE SUBJECT TO MANUFACTURING TOLERANCE.
- THESE ARE BASED ON TEST DATA ONLY, NOT PRODUCT GUARANTEES.
- FIGURES COMPUTED USING ASHRAE STANDARD.
- THESE VALUES MAY VARY UP TO (+) OR (-) 3 %.

THAI-GERMAN SPECIALTY GLASS CO.,LTD.

PRODUCT PERFORMANCE DATA

HEAT-STOP PREMIUM

TYPE (Brand name)	Standard thickness (mm)	Optical performance							Thermal performance					Transmission	
		Visible rays			Solar energy			UV Light Trans.	Relative heat gain		U-Value European[3]	U-Value American	Shading Coefficient (SC)	K_E	Acoustic performance
		R		T	R	T	A								
		In	Out		Out				W / m²	Btu /ft² H	W / m² K	Btu/ft²H°F			STC
1. HEAT-STOP[P] SUPERBLUE	23.00	15	16	46	24	26	50	NA	266	84	1.35	0.24	0.40	115.0	35

T : TRANSMITTANCE R : REFLECTANCE A : ABSORPTION Ke : Luminous Efficacy Factor

PERFORMANCE DATA CALCULATIONS

All performance conform to the following:
In metric, the K values are the thermal conductance (air-to-air) in W/m²K
U Values are the thermal conductance (air-to-air) in Btu/hr ft² °F
Summer values are calculated with an outside air temperature of 32 °C (90 °F) an outside air velocity of 3.4 m/sec (7.5 mph), and an inside air temperature of 24 °C (75 °F), with a solar intensity of 789 W/m² [250 Btu/hr. ft²].
For all values the air inside is assumed to be still in summer.
Relative heat gain is calculated for ASHRAE solar heat gain factor of 631 W/m² [200 Btu/hr. ft²] and an outside air 8 °C (15 °F) warmer than the indoor air with no exterior shading.

Note:
- ALL VALUES ARE SUBJECT TO MANUFACTURING TOLERANCE.
- THESE FIGURES ARE BASED ON TEST DATA ONLY, NOT PRODUCT GUARANTEES.
- FIGURES ARE COMPUTED WITH LBL W4.1 PROGRAM. USING ASHRAE STANDARDS.
- THESE VALUES MAY VARY TO (+) or (-) 5%.

Fenster Turen Fassaden Werkstoffe Zubehör ift ROSENHEIM

Note: This guide was prepared for the sole purpose of giving out information and recommendations. Since the information is presented in good faith and believed to be correct as to date hereof, TGSG makes no warranties and assumes no liability in connection with the use of this information.

Customer:	Project Name:	Prepared For:	Prepared By:	Date:
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ประวัติผู้เขียน

นายรัชต ชมภูนิช เกิดวันที่ 21 กุมภาพันธ์ 2510 ที่ รพ.ราชวิถี กรุงเทพฯ สำเร็จการศึกษาระดับปริญญาบัณฑิต ที่คณะสถาปัตยกรรมศาสตร์ จุฬาลงกรณ์มหาวิทยาลัย ในปี การศึกษา พ.ศ. 2532

ปัจจุบันได้รับใบอนุญาตประกอบวิชาชีพ สถาปัตยกรรมควบคุม ประเภท สามัญสถาปนิก สาขาสถาปัตยกรรมหลัก เลขทะเบียน สถ.1437 ส. และปฏิบัติงานวิชาชีพสถาปนิกเป็นหัวหน้าฝ่ายออกแบบ ที่บริษัท แสงวัฒนา พร็อพเพอร์ตี้ จำกัด ระหว่างการศึกษาระดับบัณฑิตศึกษา ได้เขียนบทความวิชาการเรื่อง Green Architecture : สถาปัตยกรรมแห่งชีวิต ร่วมกับ ผศ. ธนิต จินดาวณิค ประจำภาควิชาสถาปัตยกรรมศาสตร์จุฬาลงกรณ์มหาวิทยาลัย ลงเผยแพร่ในหนังสืออาษา วารสารสถาปัตยกรรมของสมาคมสถาปนิกสยาม, และหนังสือสถาปัตยกรรมและเทคโนโลยี ของ ผศ. ธนิต จินดาวณิค ซึ่งจัดพิมพ์โดย สำนักพิมพ์แห่งจุฬาลงกรณ์มหาวิทยาลัย

หอสมุดกลาง สถาบันวิทยบริการ จุฬาลงกรณ์มหาวิทยาลัย