

ภาคผนวก ญ

ผลการทดสอบการหดตัวแห้งของคอนกรีต

ตารางที่ ๑.1 ผลการทดสอบการหดตัวแห้งของคอนกรีต OFC

Age (Days)	Lx. (in.)		Diff. Length (in.)		Drying Shrinkage ($\times 10^{-6}$ in./in.)		Average
	No.1	No.2	No.1	No.2	No.1	No.2	
0	11.62403	11.57363	0.00000	0.00000	0	0	0
1	11.62293	11.57253	-0.00110	-0.00110	94	94	94
3	11.62193	11.57153	-0.00210	-0.00210	180	180	180
7	11.62103	11.57063	-0.00300	-0.00300	257	257	257
14	11.62033	11.57033	-0.00370	-0.00330	317	283	300
28	11.61973	11.56993	-0.00430	-0.00370	369	317	343
42	11.61903	11.56913	-0.00500	-0.00450	429	386	408
56	11.61853	11.56883	-0.00550	-0.00480	472	412	442
70	11.61793	11.56873	-0.00610	-0.00490	523	420	472
84	11.61753	11.56873	-0.00650	-0.00490	558	420	489
98	11.61753	11.56853	-0.00650	-0.00510	558	438	498
112	11.61733	11.56833	-0.00670	-0.00530	575	455	515
126	11.61673	11.56833	-0.00730	-0.00530	626	455	541
140	11.61643	11.56823	-0.00760	-0.00540	652	463	558
154	11.61623	11.56803	-0.00780	-0.00560	669	481	575
168	11.61573	11.56783	-0.00830	-0.00580	712	498	605
182	11.61563	11.56773	-0.00840	-0.00590	721	506	614

ตารางที่ ๒. ผลการทดสอบการหดตัวแห้งของคอนกรีต OFC-C

Age (Days)	Lx. (in.)		Diff. Length (in.)		Shrinkage ($\times 10^{-6}$ in./in.)		Average
	No.1	No.2	No.1	No.2	No.1	No.2	
0	11.42213	11.39833	0.00000	0.00000	0	0	0
1	11.42013	11.39703	-0.00200	-0.00130	172	112	142
3	11.41933	11.39633	-0.00280	-0.00200	240	172	206
7	11.41813	11.39533	-0.00400	-0.00300	343	257	300
14	11.41723	11.39403	-0.00490	-0.00430	420	369	395
28	11.41683	11.39313	-0.00530	-0.00520	455	446	450
42	11.41663	11.39263	-0.00550	-0.00570	472	489	481
56	11.41643	11.39213	-0.00570	-0.00620	489	532	511
70	11.41603	11.39153	-0.00610	-0.00680	523	583	553
84	11.41563	11.39123	-0.00650	-0.00710	558	609	583
98	11.41533	11.39093	-0.00680	-0.00740	583	635	609
112	11.41513	11.39073	-0.00700	-0.00760	601	652	626
126	11.41503	11.39053	-0.00710	-0.00780	609	669	639
140	11.41483	11.39043	-0.00730	-0.00790	626	678	652
154	11.41453	11.39033	-0.00760	-0.00800	652	686	669
168	11.41433	11.39013	-0.00780	-0.00820	669	704	686
182	11.41413	11.38993	-0.00800	-0.00840	686	721	704

ตารางที่ ๓ ผลการทดสอบการหดตัวแห้งของคอนกรีต OFC-H

Age (Days)	Lx. (in.)		Diff. Length (in.)		Shrinkage ($\times 10^{-6}$ in./in.)		Average
	No.1	No.2	No.1	No.2	No.1	No.2	
0	11.46583	11.61023	0.00000	0.00000	0	0	0
1	11.46453	11.60883	-0.00130	-0.00140	112	120	116
3	11.46433	11.60873	-0.00150	-0.00150	129	129	129
7	11.46333	11.60783	-0.00250	-0.00240	215	206	210
14	11.46313	11.60743	-0.00270	-0.00280	232	240	236
28	11.46203	11.60623	-0.00380	-0.00400	326	343	335
42	11.46133	11.60543	-0.00450	-0.00480	386	412	399
56	11.46063	11.60513	-0.00520	-0.00510	446	438	442
70	11.46023	11.60503	-0.00560	-0.00520	481	446	463
84	11.46003	11.60483	-0.00580	-0.00540	498	463	481
98	11.45983	11.60473	-0.00600	-0.00550	515	472	493
112	11.45973	11.60453	-0.00610	-0.00570	523	489	506
126	11.45953	11.60433	-0.00630	-0.00590	541	506	523
140	11.45933	11.60403	-0.00650	-0.00620	558	532	545
154	11.45923	11.60383	-0.00660	-0.00640	566	549	558
168	11.45903	11.60373	-0.00680	-0.00650	583	558	571
182	11.45883	11.60363	-0.00700	-0.00660	601	566	583

ตารางที่ ๓.๔ ผลการทดสอบการหดตัวแห้งของคอนกรีต FFC

Age (Days)	Lx. (in.)		Diff. Length (in.)		Shrinkage ($\times 10^{-6}$ in./in.)		Average
	No.1	No.2	No.1	No.2	No.1	No.2	
0	11.49483	11.51763	0.00000	0.00000	0	0	0
1	11.49353	11.51623	-0.00130	-0.00140	112	120	116
3	11.49203	11.51553	-0.00280	-0.00210	240	180	210
7	11.49153	11.51463	-0.00330	-0.00300	283	257	270
14	11.49083	11.51453	-0.00400	-0.00310	343	266	305
28	11.49053	11.51443	-0.00430	-0.00320	369	275	322
42	11.49033	11.51403	-0.00450	-0.00360	386	309	348
56	11.49023	11.51393	-0.00460	-0.00370	395	317	356
70	11.49013	11.51383	-0.00470	-0.00380	403	326	365
84	11.48993	11.51343	-0.00490	-0.00420	420	360	390
98	11.48983	11.51323	-0.00500	-0.00440	429	378	403
112	11.48953	11.51313	-0.00530	-0.00450	455	386	420
126	11.48933	11.51303	-0.00550	-0.00460	472	395	433
140	11.48923	11.51283	-0.00560	-0.00480	481	412	446
154	11.48913	11.51273	-0.00570	-0.00490	489	420	455
168	11.48903	11.51263	-0.00580	-0.00500	498	429	463
182	11.48883	11.51253	-0.00600	-0.00510	515	438	476

ตารางที่ ๕.5 ผลการทดสอบการหดตัวแห้งของคอนกรีต CTI

Age (Days)	Lx. (in.)		Diff. Length (in.)		Shrinkage ($\times 10^{-6}$ in./in.)		Average
	No.1	No.2	No.1	No.2	No.1	No.2	
0	11.41763	11.61033	0.00000	0.00000	0	0	0
1	11.41633	11.60883	-0.00130	-0.00150	112	129	120
3	11.41533	11.60733	-0.00230	-0.00300	197	257	227
7	11.41433	11.60673	-0.00330	-0.00360	283	309	296
14	11.41383	11.60633	-0.00380	-0.00400	326	343	335
28	11.41333	11.60603	-0.00430	-0.00430	369	369	369
42	11.41283	11.60573	-0.00480	-0.00460	412	395	403
56	11.41263	11.60543	-0.00500	-0.00490	429	420	425
70	11.41243	11.60513	-0.00520	-0.00520	446	446	446
84	11.41213	11.60483	-0.00550	-0.00550	472	472	472
98	11.41203	11.60473	-0.00560	-0.00560	481	481	481
112	11.41183	11.60463	-0.00580	-0.00570	498	489	493
126	11.41193	11.60453	-0.00570	-0.00580	489	498	493
140	11.41183	11.60443	-0.00580	-0.00590	498	506	502
154	11.41173	11.60433	-0.00590	-0.00600	506	515	511
168	11.41153	11.60413	-0.00610	-0.00620	523	532	528
182	11.41153	11.60403	-0.00610	-0.00630	523	541	532

ตารางที่ ๖. ผลการทดสอบการหดตัวแห้งของคอนกรีต CTV

Age (Days)	Lx. (in.)		Diff. Length (in.)		Shrinkage ($\times 10^{-6}$ in./in.)		Average
	No.1	No.2	No.1	No.2	No.1	No.2	
0	11.60733	11.60133	0.00000	0.00000	0	0	0
1	11.60653	11.60063	-0.00080	-0.00070	69	60	64
3	11.60583	11.60033	-0.00150	-0.00100	129	86	107
7	11.60523	11.59883	-0.00210	-0.00250	180	215	197
14	11.60403	11.59833	-0.00330	-0.00300	283	257	270
28	11.60353	11.59783	-0.00380	-0.00350	326	300	313
42	11.60323	11.59753	-0.00410	-0.00380	352	326	339
56	11.60313	11.59733	-0.00420	-0.00400	360	343	352
70	11.60283	11.59713	-0.00450	-0.00420	386	360	373
84	11.60263	11.59683	-0.00470	-0.00450	403	386	395
98	11.60233	11.59663	-0.00500	-0.00470	429	403	416
112	11.60213	11.59633	-0.00520	-0.00500	446	429	438
126	11.60183	11.59603	-0.00550	-0.00530	472	455	463
140	11.60163	11.59583	-0.00570	-0.00550	489	472	481
154	11.60153	11.59573	-0.00580	-0.00560	498	481	489
168	11.60133	11.59553	-0.00600	-0.00580	515	498	506
182	11.60123	11.59553	-0.00610	-0.00580	523	498	511