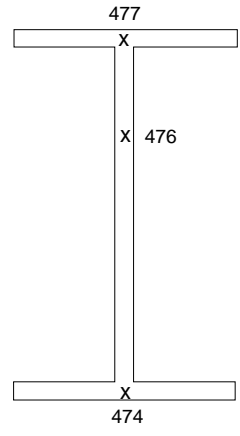


TIME MINS	TEMPERATURE IN DEGREES CENTIGRADE STEEL BEAM			
	LOWER FLANGE	WEB	UPPER FLANGE	
	474	476	477	
0.0	22	22	*	21
0.5	22	22	*	21
1.0	22	22	*	21
1.5	22	22	*	21
2.0	22	22	*	21
2.5	22	22	*	21
3.0	22	22	*	21
3.5	22	22	*	21
4.0	22	22	*	21
4.5	22	22	*	21
5.0	22	22	*	21
5.5	22	22	*	21
6.0	22	22	*	21
6.5	22	22	*	21
7.0	22	22	*	21
7.5	22	22	*	21
8.0	22	22	*	21
8.5	22	22	*	21
9.0	22	22	*	21
9.5	22	22	*	21
10.0	23	23	*	22
10.5	23	25	*	23
11.0	25	27	*	24
11.5	26	29	*	25
12.0	28	32	*	27
12.5	32	37	*	29
13.0	37	49	*	35
13.5	54	73	*	47
14.0	73	96	*	56
14.5	86	112	*	61
15.0	101	127	*	67
15.5	118	142	*	74
16.0	135	156	*	83
16.5	157	179	*	96
17.0	181	200	*	106
17.5	206	223	*	118
18.0	233	245	*	129
18.5	263	273	*	142
19.0	297	300	*	154
19.5	327	326	*	169
20.0	359	353	*	185
20.5	395	386	*	200
21.0	429	414	*	214
21.5	463	448	*	235
22.0	496	479	*	257
22.5	526	510	*	279
23.0	552	533	*	297
23.5	575	551	*	315
24.0	599	570	*	334
24.5	622	588	*	351
25.0	645	610	*	371
25.5	668	628	*	386
26.0	688	644	*	405
26.5	707	658	*	421
27.0	722	669	*	436
27.5	734	678	*	449
28.0	740	681	*	459
28.5	746	683	*	468
29.0	756	687	*	479
29.5	766	689	*	486
30.0	776	694	*	497
30.5	784	698	*	507
31.0	791	701	*	515
31.5	798	703	*	522
32.0	803	703	*	528



* Not Measured

Temperatures On Edge Beam On Grid Line 4 , Location B2.

Table 6.1

32.5	807	701	*	532
33.0	810	700	*	537
33.5	811	697	*	540
34.0	813	695	*	543
34.5	813	692	*	546
35.0	813	688	*	547
35.5	812	684	*	549
36.0	811	679	*	549
36.5	809	675	*	550
37.0	807	671	*	551
37.5	804	668	*	552
38.0	801	666	*	552
38.5	797	663	*	553
39.0	794	660	*	553
39.5	790	657	*	553
40.0	786	655	*	554
40.5	783	652	*	553
41.0	778	650	*	553
41.5	775	649	*	553
42.0	772	647	*	553
42.5	768	643	*	551
43.0	765	642	*	551
43.5	763	640	*	551
44.0	761	639	*	551
44.5	758	637	*	550
45.0	756	636	*	550
45.5	755	635	*	550
46.0	753	634	*	549
46.5	751	631	*	548
47.0	749	629	*	547
47.5	746	626	*	546
48.0	745	625	*	546
48.5	743	623	*	545
49.0	740	620	*	544
49.5	738	618	*	543
50.0	736	616	*	542
50.5	734	613	*	540
51.0	732	610	*	539
51.5	729	607	*	537
52.0	726	604	*	535
52.5	724	600	*	533
53.0	720	596	*	531
53.5	717	592	*	529
54.0	714	588	*	527
54.5	710	584	*	524
55.0	707	580	*	522
55.5	703	575	*	519
56.0	699	571	*	516
56.5	694	565	*	513
57.0	690	560	*	510
57.5	686	555	*	507
58.0	681	550	*	504
58.5	676	544	*	501
59.0	671	539	*	497
59.5	666	534	*	494
60.0	661	528	*	490
60.5	656	523	*	487
61.0	650	518	*	484
61.5	645	513	*	480
62.0	640	508	*	477
62.5	636	503	*	473
63.0	633	498	*	470
63.5	630	494	*	466
64.0	627	489	*	463
64.5	622	485	*	460
65.0	617	479	*	456
65.5	612	475	*	453
66.0	606	470	*	450
66.5	601	466	*	446
67.0	595	461	*	443

Temperatures On Edge Beam On Grid Line 4 , Location B2.

Table 6.1

67.5	590	457	*	439
68.0	584	452	*	436
68.5	579	448	*	433
69.0	573	444	*	429
69.5	567	440	*	426
70.0	562	435	*	423
70.5	556	431	*	419
71.0	551	427	*	416
71.5	545	423	*	413
72.0	540	420	*	410
72.5	535	416	*	407
73.0	530	412	*	403
73.5	525	408	*	400
74.0	520	404	*	397
74.5	515	401	*	394
75.0	510	397	*	391
75.5	505	394	*	388
76.0	501	390	*	385
76.5	496	387	*	382
77.0	492	383	*	379
77.5	487	380	*	376
78.0	482	376	*	373
78.5	478	373	*	371
79.0	473	370	*	368
79.5	469	367	*	365
80.0	465	364	*	362
80.5	461	360	*	359
81.0	456	357	*	356
81.5	452	354	*	354
82.0	448	351	*	351
82.5	444	348	*	349
83.0	440	345	*	346
83.5	436	341	*	343
84.0	433	339	*	341
84.5	429	336	*	339
85.0	425	334	*	336
85.5	422	331	*	334
86.0	418	328	*	331
86.5	415	326	*	329
87.0	411	323	*	326
87.5	407	320	*	324
88.0	404	317	*	321
88.5	400	314	*	319
89.0	396	311	*	317
89.5	393	309	*	314
112.5	276	221	*	233
122.5	243	195	*	209
132.5	234	189	*	202
142.5	208	170	*	183
152.5	186	152	*	166
162.5	168	139	*	153
172.5	151	128	*	141
182.5	136	118	*	131
192.5	124	110	*	122
202.5	113	102	*	114
212.5	104	96	*	108
222.5	96	90	*	102
232.5	90	85	*	96
242.5	85	81	*	92
252.5	81	78	*	88
262.5	77	75	*	84
272.5	74	72	*	81
282.5	71	70	*	78
292.5	69	67	*	75
302.5	66	65	*	73
312.5	64	63	*	70
322.5	62	61	*	68
332.5	60	59	*	66
342.5	58	58	*	64
352.5	56	56	*	62

Temperatures On Edge Beam On Grid Line 4 , Location B2.

Table 6.1

362.5	55	55	*	61
372.5	54	53	*	59
382.5	52	52	*	58
392.5	51	51	*	56
402.5	50	50	*	55
412.5	49	49	*	54
422.5	47	48	*	52
432.5	46	47	*	51
442.5	45	46	*	50
452.5	45	45	*	49
462.5	44	44	*	48
472.5	43	43	*	47
482.5	42	43	*	46
492.5	41	42	*	46
502.5	41	41	*	45
512.5	40	40	*	44
522.5	39	40	*	43
532.5	39	39	*	42
542.5	38	38	*	41
552.5	37	38	*	41
562.5	37	37	*	40
572.5	36	37	*	39
582.5	37	37	*	40
592.5	36	37	*	39
602.5	36	36	*	39
612.5	35	36	*	38
622.5	35	35	*	38
632.5	34	35	*	37
642.5	34	34	*	36
652.5	34	34	*	36
662.5	33	33	*	35
672.5	33	33	*	35
682.5	32	33	*	35
692.5	32	32	*	34
702.5	32	32	*	34
712.5	31	32	*	33
722.5	31	31	*	33
732.5	31	31	*	33
742.5	31	31	*	33
752.5	30	31	*	32
762.5	30	31	*	32
772.5	30	30	*	32
782.5	30	30	*	31
792.5	30	30	*	31
802.5	29	30	*	31
812.5	29	30	*	31
822.5	29	30	*	31
832.5	29	30	*	31
842.5	29	30	*	30
852.5	29	30	*	30
862.5	29	29	*	30

Temperatures On Edge Beam On Grid Line 4 , Location B2.

Table 6.1