

**EXPRESS TERMS
FOR
PROPOSED BUILDING STANDARDS
OF THE
DIVISION OF THE STATE ARCHITECT - STRUCTURAL SAFETY (DSA-SS)**

**REGARDING THE ADOPTION OF THE 2005 NATIONAL ELECTRICAL CODE (NEC)
FOR USE AS THE 2007 CALIFORNIA ELECTRICAL CODE
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 3**

The California Building Standards Code (California Code of Regulations, Title 24, Part 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12) is published in its entirety every three years and is applicable to all buildings for which an application for a building permit is made during the Code's effective period. Each triennial edition of the California Building Standards Code becomes effective 180 days after its publication.

These proposed regulations will make effective the 2005 edition of the National Electrical Code (NEC) as the 2007 edition California Electrical Code, for application to public elementary and secondary schools, community colleges, and state-owned or state-leased essential services buildings. Further, these proposed regulations will repeal the 2002 edition NEC articles adopted as the 2004 edition California Electrical Code.

EXPRESS TERMS:

**CALIFORNIA ELECTRICAL CODE - ARTICLE 89
Administrative**

Continue Article 89 of the 2004 triennial edition of the California Electrical Code for publication in the 2007 triennial edition of the California Electrical Code, as follows:

2002 State Article 89	2005 State Article 89	DSA-SS Adoption	Comments
89.1 Title	89.1	X	
89.2 Purpose	89.2	X	
89.3 Scope	89.3	X	
89.4 Exempted from this Code	89.4	X	
89.5 Non-Building Standards, Orders and Regulations	89.5	X	
89.6 Order of Precedence and Use	89.6	X	
89.7 Application Item 6 (DSA-SS)	89.7	X	DSA-SS adopts Item 6 of Article 89.7.
89.8 Adopting Agency	89.8	X	
89.9 Format	89.9	X	
89.10 Validity	89.10	X	
89.11 Standard Reference Documents	89.11	X	

CALIFORNIA ELECTRICAL CODE - ARTICLE 90

Introduction

Repeal Article 90 of the 2002 edition of the National Electrical Code and adopt Article 90 of the 2005 NEC without amendment for publication in the 2007 triennial edition of the California Electrical Code.

CALIFORNIA ELECTRICAL CODE - CHAPTER 1

General

Repeal Chapter 1 of the 2002 NEC and adopt Chapter 1 of the 2005 NEC without amendment for publication in the 2007 triennial edition of the California Electrical Code.

2002 NEC Article	2005 NEC Article	DSA-SS Adoption	Comments
100	100	X	
110	110	X	

CALIFORNIA ELECTRICAL CODE - CHAPTER 2

Wiring and Protection

Repeal Chapter 2 of the 2002 NEC and adopt Chapter 2 of the 2005 NEC without amendment for publication in the 2007 triennial edition of the California Electrical Code.

2002 NEC Article	2005 NEC Article	DSA-SS Adoption	Comments
200	200	X	
210	210	X	
215	215	X	
220	220	X	
225	225	X	
230	230	X	
240	240	X	
250	250	X	
280	280	X	
285	285	X	

CALIFORNIA ELECTRICAL CODE - CHAPTER 3

Wiring Methods and Materials

Repeal Chapter 3 of the 2002 NEC and adopt Chapter 3 of the 2005 NEC without amendment for publication in

the 2007 triennial edition of the California Electrical Code.

2002 NEC Article	2005 NEC Article	DSA-SS Adoption	Comments
300	300	X	
310	310	X	
312	312	X	
314	314	X	
320	320	X	
322	322	X	
324	324	X	
326	326	X	
328	328	X	
330	330	X	
332	332	X	
334	334	X	
336	336	X	
338	338	X	
340	340	X	
342	342	X	
344	344	X	
348	348	X	
350	350	X	
352	352	X	
-	353	X	New Article in 2005 NEC - High Density Polyethelene Conduit: Type HDPE Conduit
354	354	X	
356	356	X	
358	358	X	
360	360	X	
362	362	X	
366	366	X	
368	368	X	

370	370	X	
372	372	X	
374	374	X	
376	376	X	
378	378	X	
380	380	X	
382	382	X	
384	384	X	
386	386	X	
388	388	X	
390	390	X	
392	392	X	
394	394	X	
396	396	X	
398	398	X	

**CALIFORNIA ELECTRICAL CODE - CHAPTER 4
Equipment for General Use**

Repeal Chapter 4 of the 2002 NEC and adopt Chapter 4 of the 2005 NEC without amendment for publication in the 2007 triennial edition of the California Electrical Code.

2002 NEC Article	2005 NEC Article	DSA-SS Adoption	Comments
400	400	X	
402	402	X	
404	404	X	
406	406	X	
408	408	X	
-	409	X	New Article in 2005 NEC - Industrial Control Panels
410	410	X	
411	411	X	
422	422	X	
424	424	X	

426	426	X	
427	427	X	
430	430	X	
440	440	X	
445	445	X	
450	450	X	
455	455	X	
460	460	X	
470	470	X	
480	480	X	
490	490	X	

**CALIFORNIA ELECTRICAL CODE - CHAPTER 5
Special Occupancies**

Repeal Chapter 5 of the 2002 NEC and adopt Chapter 5 of the 2005 NEC without amendment for publication in the 2007 triennial edition of the California Electrical Code.

2002 NEC Article	2005 NEC Article	DSA-SS Adoption	Comments
500	500	X	
501	501	X	
502	502	X	
503	503	X	
504	504	X	
505	505	X	
-	506	X	New Article in 2005 NEC - Zone 20, 21, and 22 Locations for Combustible Dusts, Fibers, and Flyings
510	510	X	
511	511	X	
513	513	X	
514	514	X	
515	515	X	
516	516	X	
517	517	X	

518	518	X	
520	520	X	
525	525	X	
305	527	X	
530	530	X	
540	540	X	
545	545	X	
547	547	X	
550	550	X	
551	551	X	
552	552	X	
553	553	X	
555	555	X	
527	590	X	Article 527 (Temporary Installations) of the 2002 edition NEC has been relocated into Article 590 of the 2005 edition NEC.

**CALIFORNIA ELECTRICAL CODE - CHAPTER 6
Special Equipment**

Repeal Chapter 6 of the 2002 NEC and adopt Chapter 6 of the 2005 NEC without amendment for publication in the 2007 triennial edition of the California Electrical Code.

2002 NEC Article	2005 NEC Article	DSA-SS Adoption	Comments
600	600	X	
604	604	X	
605	605	X	
610	610	X	
620	620	X	
625	625	X	
630	630	X	
640	640	X	
645	645	X	
647	647	X	
650	650	X	

660	660	X	
665	665	X	
668	668	X	
669	669	X	
670	670	X	
675	675	X	
680	680	X	
-	682	X	Article 682 (Natural and Artificially Made Bodies of Water) is new.
685	685	X	
690	690	X	
692	692	X	
695	695	X	

**CALIFORNIA ELECTRICAL CODE - CHAPTER 7
Special Conditions**

Repeal Chapter 7 of the 2002 NEC and adopt Chapter 7 of the 2005 NEC without amendment for publication in the 2007 triennial edition of the California Electrical Code.

2002 NEC Article	2005 NEC Article	DSA-SS Adoption	Comments
700	700	X	
701	701	X	
702	702	X	
705	705	X	
720	720	X	
725	725	X	
727	727	X	
760	760	X	
770	770	X	
780	780	X	

**CALIFORNIA ELECTRICAL CODE - CHAPTER 8
Communications Systems**

Repeal Chapter 8 of the 2002 NEC and adopt Chapter 8 of the 2005 NEC without amendment for publication in

the 2007 triennial edition of the California Electrical Code.

2002 NEC Article	2005 NEC Article	DSA-SS Adoption	Comments
800	800	X	
810	810	X	
820	820		
830	830	X	

**CALIFORNIA ELECTRICAL CODE - CHAPTER 9
Tables**

Repeal Chapter 9 of the 2002 NEC and adopt Chapter 9 of the 2005 NEC for publication in the 2007 triennial edition of the California Electrical Code.

2002 NEC Table	2005 NEC Table	DSA-SS Adoption	Comments
1	1	X	
-	2	X	Table 2 (Radius of Conduit and Tubing Bends) is new.
4	4	X	
5	5	X	
5A	5A	X	
8	8	X	
9	9	X	
11(A)	11(A)	X	
11(B)	11(B)	X	
12(A)	12(A)	X	
12(B)	12(B)	X	

CALIFORNIA ELECTRICAL CODE - Annex

DSA-SS does not propose to adopt Annex A, B, C, D, E, F or G of the 2005 NEC for publication in the 2007 triennial edition of the California Electrical Code.

2002 NEC Appendix	2005 NEC Annex	DSA-SS Adoption	Comments
A	A		
B	B		

C	C		
D	D		
E	E		
F	F		
-	G		Article 80 of the 2002 edition NEC has been relocated into Annex G of the 2005 edition NEC.

Authority: Education Code § 17310 and 81142, and H&S Code §16022.

Reference: Education Code §§ 17280 through 17317, and 81130 through 81147, and H&S Code §§16000 through 16023.