

IOR Recertification

Changes to the TIO

SECTION “A”

California Health and Human Services Agency

Gavin Newsom, Governor



2020 West El Camino Avenue,
Suite 800
Sacramento, CA 95833

355 South Grand Avenue,
Suite 1900
Los Angeles, CA 90071



Testing, Inspection, and Observation Program

2022 California Building Standards Code - OSHPD 1

Note: updated for the new code cycle.

STAGES

Abbreviations:	
CAC: California Administrative Code	AAMA: American Architectural Manufacturers Association
CBC: California Building Code	NFPA: National Fire Protection Association
CEC: California Electrical Code	FM: FM Approval Standards
CMC: California Mechanical Code	DPOR: Design Professional of Record
CPC: California Plumbing Code	

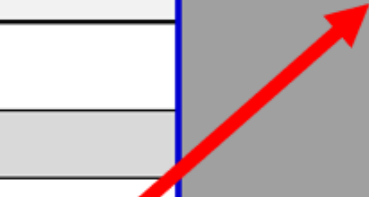
Version: R04.30

Testing, Inspection, and Observation Stages

Stage No.	Stage Name	Stage Scope / Description
1		

DESIGN PROFESSIONAL OF RECORD RESPONSIBILITY

1 Stage



DPOR can set up various stages for the project during construction.

SECTIONS “B”, “C” and “D”

ELECTRICAL TESTS					
B-E1	Ground Fault Protection of Equipment CEC 230.95(C) & 517.17(D)				
B-E2	Emergency Generator Tests CEC 700.3(A) & NFPA 110-2016 § 7.13				
B-E3	Automatic Transfer Switch Test NFPA 110-2016 § 7.13.4.1				
B-E4	Emergency Stored Electrical Energy System Test NFPA 111-2016 Section 7.6	Testing of UPS and other battery storage systems used as energy storage system. Note: An UPS supplied by an emergency power supply system (EPSS) like an essential electrical system is not required to be tested to NFPA 111.			
B-E5	Fire Pump Coordination Study and Testing CEC 695.3(C)(3)				
B-E6	Essential Electrical System Coordination Study CEC 517.31(G) & 700.32				
B-E7	Elevator Selective Coordination Study CEC 620.62				
B-E8	Grounding System in Patient Care Spaces 2018 NFPA 99 6.3.3.1				
B-E9	Hospital Grade Receptacles 2018 NFPA 99 6.3.3.2.5				
B-E10	Isolated Power Systems – Line Isolation Monitor Test 2018 NFPA 99 6.3.3.3.2				
B-E11	Isolated Power Systems – Impedance of Isolated Wiring Test 2018 NFPA 99 6.3.2.9.2.1				
B-E12	Medium Voltage Outdoor Systems – Inspections and Test CEC 225.56				
B-E13	Medium Voltage Cable Testing CEC 328.14 & ANSI/NECA/NCSCB 600-2014				
B-E14	Insulation Testing CEC 110.7, 2018 NFPA 99 6.7.4.1.2.2				

Sections B, C and D - added notes to test and inspection cells to provide general intention. *

System Test

Testing

Inspection Study

Study

SECTION B

OPAA and Expiration Date" under the OPAA box (H5)

SECTION B		NOTE: Approved agencies, individuals, and all changes to the TIO pro by the DPOR and approved by HCAI prior to proceeding with the relate			
Facility #:	Facility Name:		Project #:		
		Select with "X" or required information:			
Index #	REQUIRED (Select with "X")	TESTS	Samples of test & inspection reports included	OPAA No. and Expiration Date	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL
STRUCTURAL TESTS					

SECTION "B" for OSHPD 2 / 5 TIO

OSHPD 5 requirements in Tab B, under
Electrical, Plumbing and other. *

3 B-E22	E	Illumination and Emergency Power	Lighting in areas identified in the Patient Safety Risk Assessment as high- and medium-risk areas			
		Lighting (OSHPD 5) CBC 1228.4.21 Tamper Resistant				

3 B-E22		Lighting (OSHPD 5) CBC 1228.4.21 Tamper Resistant

SECTION "H"

SECTION H	HCAI REVIEWED		
Facility #:	Facility Name:	Project #:	Sub #:

Reviewed by HCAI Plan Review Staff:	
Page	
_____ Signature	_____ Date

Section H Header is titled as "HCAI Reviewed"

Line 22 is titled as "Reviewed by HCAI Plan Review Staff"

SECTION "I"

SECTION I	TIO PROGRAM APPROVAL		
Facility #:	Facility Name:	Project #:	Sub #:

SECTION I is titled as "TIO Program Approval"

Line 22 is titled as "TIO Program Approved by HCAI Field Staff"

FOR HCAI FIELD STAFF USE	
TIO Program Approved by HCAI Field Staff:	
_____ Signature	_____ Date