



OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT

FACILITIES DEVELOPMENT DIVISION – www.oshpd.ca.gov/fdd

400 R Street, Suite 200 ~ Sacramento, California 95811

700 N. Alameda Street, Suite 2-500 ~ Los Angeles, California 90012

Phone (916) 440-8300

Phone (213) 897-0166

FAX (916) 324-9188

FAX (213) 897-0168

Testing, Inspection and Observation Program
2016 California Building Standards Code – OSHPD 1

This program is prepared and submitted for an OSHPD 1 project. OSHPD 1 projects include all construction and remodel projects for general acute-care hospitals and acute psychiatric hospitals. OSHPD 1 projects also include construction and remodel of skilled nursing facilities and/or intermediate care facilities except those of single-story, Type V, wood or light steel-frame construction.

SECTION A		PROJECT INFORMATION	
Facility #:	Facility Name:	Project #:	Sub #:
Street Address:			
City:		County:	
Record Name (Scope of Project):			
Abbreviations: CAC: California Administrative Code CBC: California Building Code RDP: Registered Design Professional			
			Version: R02.4



Testing, Inspection and Observation Program
 2016 California Building Standards Code – OSHPD 1

SECTION B		NOTE: Approved agencies, individuals, and all changes to the TIO program shall be identified, evaluated by the DPOR and approved by OSHPD prior to proceeding with the related work.				
Facility #:		Facility Name:		Project #:		Sub #:
DURING CONSTRUCTION DOCUMENT SUBMITTAL			DURING CONSTRUCTION			
Index #	REQUIRED (Select)	TESTS	PERFORMED OFF-SITE	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL	COMPLIANCE VERIFICATION BY IOR	OSHPD/FDD USE
STRUCTURAL TESTS						
Foundation						
B-F1		Soil fill CBC 1705A.6 Fill material acceptance test				DSE:
B-F2		Soil fill CBC 1705A.6 Compaction test				DSE:
B-F3		Soil and rock anchors CBC 1811A Load test				DSE:
B-F4		Deep foundation elements CBC 1810A.3.3.1.2, 1810A.3.1.5.1, 1810A.3.3.1.5, 1810A.3.3.2, & 1810A.3.10.4 Load test				DSE:
B-F5		Shoring CBC 1812A Tie-Back Anchors				DSE:
B-F6		Vibro Stone Columns (VSC) CBC 1813A Acceptance Test				DSE:
B-F7						
B-F8						
Concrete						
B-C1		Concrete CBC 1705A.3, 1903A.6 & 1910A.1; ACI 318 1.9.1 & 26.4 Cementitious materials				DSE:
B-C2		Concrete CBC 1705A.3, 1903A.5; ACI-318 1.9.1 & 26.4 Aggregates/Reactive aggregates				DSE:
B-C3		Concrete CBC 1705A.3, ACI-318 26.4.1.3 Water				DSE:
B-C4		Concrete CBC 1705A.3 & 1905A.1.16; ACI-318 26.12 Strength test				DSE:
B-C5		Concrete CBC 1705A.3 & 1910A.2; & ACI-318 20.2, 25.4.5.1 & 26.6.1.2 Metal reinforcement (including welded wire fabric and headed rebar)				DSE:
B-C7		Concrete CBC 1705A.3 & ACI-318 20.5 Headed studs and headed stud assemblies				DSE:
B-C8		Concrete CBC Table 1705A.3 Item #2a, 1903A.8 Weldability of reinforcing bars				DSE:
B-C9		Concrete CBC 1705A.3 & 1910A.3; ACI-318 20.3, 25.8 & 26.6.1.2 Prestressing tendons and anchorage				DSE:
B-C10		Concrete CBC 1911A.2; ACI 503.7 Crack repair by epoxy injection				DSE:



OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT

FACILITIES DEVELOPMENT DIVISION – www.oshpd.ca.gov/fdd

400 R Street, Suite 200 ~ Sacramento, California 95811

700 N. Alameda Street, Suite 2-500 ~ Los Angeles, California 90012

Phone (916) 440-8300

Phone (213) 897-0166

FAX (916) 324-9188

FAX (213) 897-0168

Testing, Inspection and Observation Program

2016 California Building Standards Code – OSHPD 1

SECTION B			NOTE: Approved agencies, individuals, and all changes to the TIO program shall be identified, evaluated by the DPOR and approved by OSHPD prior to proceeding with the related work.			
Facility #:		Facility Name:		Project #:		Sub #:
DURING CONSTRUCTION DOCUMENT SUBMITTAL			DURING CONSTRUCTION			
Index #	REQUIRED (Select)	TESTS	PERFORMED OFF-SITE	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL	COMPLIANCE VERIFICATION BY IOR	OSHPD/FDD USE
B-C11		Concrete CBC 1911A.3; ICC AC178 Sec. 9 Strengthening by externally bonded FRP				DSE:
B-C12		Shotcrete CBC 1908A.5 Preconstruction test				DSE:
B-C13		Shotcrete CBC 1908A.10 Strength test				DSE:
B-C14		Shotcrete CBC 1705A.19.1 Core test				DSE:
B-C15		Post-installed anchors CBC 1910A.5 Installation verification test				DSE:
B-C16						
B-C17						
Masonry						
B-MA1		Masonry CBC 2105A.2; TMS 602 1.4.B.3 Material standards tests				DSE:
B-MA2		Masonry CBC 2105A.3 Mortar test				DSE:
B-MA3		Masonry CBC 2105A.3 Grout test				DSE:
B-MA4		Masonry CBC 2105A.2; TMS 602 1.4.B.3 Compressive strength fm - prism test				DSE:
B-MA5		Masonry CBC 2105A.4 Core test				DSE:
B-MA6		Masonry CBC 1705A.4 Masonry anchors				DSE:
B-MA7		Veneer CBC 1411.2 Veneer bond strength test				DSE:
B-MA8		Architectural Cast Stone CBC 2103A.1 Strength of stone anchorage ASTM C1354				DSE:
B-MA9						
Steel						
B-S1		Steel CBC 2203A.1 Identification test for structural steel and cold formed steel				DSE:
B-S2		Steel CBC 2213A.1 & 1705A.13.1 High strength bolts, nuts, and washers				DSE:



Testing, Inspection and Observation Program
 2016 California Building Standards Code – OSHPD 1

SECTION B			NOTE: Approved agencies, individuals, and all changes to the TIO program shall be identified, evaluated by the DPOR and approved by OSHPD prior to proceeding with the related work.			
Facility #:		Facility Name:		Project #:		Sub #:
DURING CONSTRUCTION DOCUMENT SUBMITTAL			DURING CONSTRUCTION			
Index #	REQUIRED (Select)	TESTS	PERFORMED OFF-SITE	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL	COMPLIANCE VERIFICATION BY IOR	OSHPD/FDD USE
B-S3		Steel CBC 2213A.2 & 1705A.13.1 End-welded studs				DSE:
B-S4		Steel CBC 1705A.2.1 & 1705A.13.1.2 Nondestructive testing of welds				DSE:
B-S5		Steel 1705A.13.1.2 & AISC-341 K3 Buckling restrained brace load test				DSE:
B-S7		Steel 2205A.4, 1705A.12.2 & AISC-341 K2 Beam to Column Moment Connections				DSE:
B-S6						
Other Structural Materials						
B-OM1		Structural Sealant Glazing CBC 2410.1.2 Structural sealant tests - Exterior glass curtain walls				DSE:
B-OM2		Structural Sealant Glazing CBC 2410.1.2 AAMA 501.4 & 501.6 tests - Exterior glass curtain walls				DSE:
B-OM3						
B-OM4						
Alternative Systems						
B-AS1		Seismic Isolators CBC 1705A.13.4 Prototype and production test				DSE:
B-AS2		Dampers CBC 1705A.13.4 Prototype and production test				DSE:
B-AS3		Structural Design Criteria CBC 104.11 Tests to support alternative system				DSE:
B-AS4						
B-AS5						
Nonstructural Components, Supports and Attachments						
B-N1		Nonstructural components CBC 1705A.13.2 FM 1950 Seismic Bracing				DSE:
B-N2		Special Seismic Certification CBC 1705A.13.3 Shake Table test				DSE:
B-N3						
B-N4						



Testing, Inspection and Observation Program
 2016 California Building Standards Code – OSHPD 1

SECTION B		NOTE: Approved agencies, individuals, and all changes to the TIO program shall be identified, evaluated by the DPOR and approved by OSHPD prior to proceeding with the related work.				
Facility #:		Facility Name:		Project #:		
				Sub #:		
DURING CONSTRUCTION DOCUMENT SUBMITTAL			DURING CONSTRUCTION			
Index #	REQUIRED (Select)	TESTS	PERFORMED OFF-SITE	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL	COMPLIANCE VERIFICATION BY IOR	OSHPD/FDD USE
ELECTRICAL TESTS						
B-E1		Ground fault protection CEC 230.95(C) & 517.17(D) Performance test				CO:
B-E2		Emergency generator tests CEC 700.3(A) & NFPA 110-2016 § 7.13				FLSO:
B-E3		Wet Location 2-15 NFPA 99 6.3.2.2.8.5 (B)				CO:
B-E4		Grounding system effectiveness 2015 NFPA 99 6.3.3.1.1.1				CO:
B-E5		Line Isolation Monitor 2015 NFPA 99 6.3.3.3.2				CO:
B-E6		Hospital Grade Receptacle in Anesthetizing Locations 2015 NFPA 99 6.3.4.1.1				CO:
B-E7		ESS Insulation Resistance 2015 NFPA 99 6.4.4.1.2.2				CO:
B-E8		Medium Voltage Outdoor Systems CEC 225.56				CO:
B-E9		Temporary Installation Grounding CEC 590.6(b)(2)(a)				CO:
B-E10		Essential Electrical System Coordination Study CEC 517.31(G) & 700.28				CO:
MECHANICAL TESTS						
B-ME1		Listed hood assemblies CMC 508.2				CO:
B-ME2		Commercial kitchen hood ventilation CMC 511.2.2 Performance test				CO:
B-ME3		Refrigeration equipment CMC 1116.0				CO:
B-ME4		Refrigeration detection and alarm system CMC 1108.4 & CFC 606.8 Acceptance testing				FLSO:
B-ME5		Refrigeration flaring system CMC 1114.3 Safety and effectiveness				CO:
B-ME6		Steam and hot water boilers CMC 1013.0				CO:



OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT

FACILITIES DEVELOPMENT DIVISION – www.oshpd.ca.gov/fdd

400 R Street, Suite 200 ~ Sacramento, California 95811

700 N. Alameda Street, Suite 2-500 ~ Los Angeles, California 90012

Phone (916) 440-8300

Phone (213) 897-0166

FAX (916) 324-9188

FAX (213) 897-0168

Testing, Inspection and Observation Program

2016 California Building Standards Code – OSHPD 1

SECTION B			NOTE: Approved agencies, individuals, and all changes to the TIO program shall be identified, evaluated by the DPOR and approved by OSHPD prior to proceeding with the related work.			
Facility #:		Facility Name:		Project #:		Sub #:
DURING CONSTRUCTION DOCUMENT SUBMITTAL			DURING CONSTRUCTION			
Index #	REQUIRED (Select)	TESTS	PERFORMED OFF-SITE	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL	COMPLIANCE VERIFICATION BY IOR	OSHPD/FDD USE
B-ME7		Hydronics CMC 1205.2, 1220.3.6 & 1221.3 Pressure test of steam and water piping				CO:
B-ME8		Process piping CMC 1405.2 Pressure test				CO:
B-ME9		Ventilation system CMC 407.3.1 & Table 4-A Areas tested and balanced				CO:
B-ME10		Airborne Infection Isolation Rooms and Protective Environment Rooms CMC 416.4 Alarm system test				CO:
B-ME11		Airborne Infection Isolation Rooms and Protective Environment Rooms CMC 417.0 Mechanical system tested and balanced				CO:
B-ME12						
B-ME13						
B-ME14						
B-ME15						
PLUMBING TESTS						
B-P1		Disinfection of potable water systems CPC 609.9				CO:
B-P2		Medical gas and vacuum NFPA 99-2015 § 5.1.12 Gas and vacuum system performance testing				CO:
B-P3		Medical gas and vacuum NFPA 99-2015 § 5.1.12 Gas and vacuum system verification testing				CO:
B-P4		Existing sewers and drains CPC 102.4.1, 105.3 & 712.0 Tested for conformance with requirements for new work				CO:
B-P5		Water supply system CPC 105.3 & 609.4 Pressure tested prior to covering or concealment				CO:
B-P6		Plumbing, drainage, and venting systems CPC 105.3 & 712.0 Water or air tested prior to use, covering or concealment				CO:
B-P7		Building sewer CPC 105.3, 712.0 & 723.0 Water or air tested prior to use, covering or concealment				CO:
B-P8		Storm drain piping CPC 1106.0 Water or air tested prior to use, covering or concealment				CO:



Testing, Inspection and Observation Program
 2016 California Building Standards Code – OSHPD 1

SECTION B			NOTE: Approved agencies, individuals, and all changes to the TIO program shall be identified, evaluated by the DPOR and approved by OSHPD prior to proceeding with the related work.			
Facility #:		Facility Name:		Project #:		Sub #:
DURING CONSTRUCTION DOCUMENT SUBMITTAL			DURING CONSTRUCTION			
Index #	REQUIRED (Select)	TESTS	PERFORMED OFF-SITE	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL	COMPLIANCE VERIFICATION BY IOR	OSHPD/FDD USE
B-P9		Fuel piping CPC 1213.0 Air, CO2 or nitrogen tested prior to use, covering or concealment				CO:
B-P10		Private sewer disposal system CPC 105.0 & H1001.0 Tested prior to use, covering or concealment				CO:
B-P11		Protectively coated pipe CPC 312.5 Tested for voids, damage and imperfections				CO:
B-P12		Defective systems CPC 105.3.1 Air test of defective drainage and plumbing systems				CO:
B-P13		Moved structures CPC 102.7 All parts of plumbing systems tested				CO:
B-P14		Retesting CPC 105.3.2 Retest after corrections				CO:
B-P15		Shower receptors CPC 408.7.5				CO:
B-P16		Backflow prevention devices and assemblies CPC 603.2 & 603.4.2 Assembly tested				CO:
B-P17		Nonpotable water CPC 1501.11 Inspection and testing				CO:
B-P18		Reclaimed (recycled) water systems CPC 1503.5 & 1503.13 Initial cross-connection test, inspection and testing				CO:
B-P19		On-site treated nonpotable gray water systems CPC 1504.5 & 1504.12 Initial cross-connection test, inspection and testing				CO:
B-P20						
FIRE PROTECTION EQUIPMENT TESTS						
B-FP1		Fire Alarm CFC 901.5 & CFC 907.7 NFPA 72-2016 §14.4 Acceptance and Reacceptance Testing				FLSO:
B-FP2		Fire and smoke dampers CFC 901.5 & CFC 907.8 Acceptance testing				FLSO:
B-FP3		Duct Detectors CFC 901.5, NFPA 72-2016 §14.4 Differential Pressure Test				FLSO:
B-FP4		Smoke control system CFC 901.5, CFC 909.18 & CBC 1705A.17 Acceptance testing				FLSO:
B-FP5		Fire sprinkler CFC 901.5 & NFPA 13-2016 Chapter 25 Acceptance testing – Aboveground piping				FLSO:
B-FP6		Fire sprinkler CFC 901.5 & NFPA 13-2016 Chapter 25 Acceptance testing – Underground piping				FLSO:
B-FP7		Standpipe system CFC 901.5 & NFPA 14-2013 Chapter 11 Acceptance testing – Aboveground piping				FLSO:



OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT

FACILITIES DEVELOPMENT DIVISION – www.oshpd.ca.gov/fdd

400 R Street, Suite 200 ~ Sacramento, California 95811

700 N. Alameda Street, Suite 2-500 ~ Los Angeles, California 90012

Phone (916) 440-8300

Phone (213) 897-0166

FAX (916) 324-9188

FAX (213) 897-0168

Testing, Inspection and Observation Program

2016 California Building Standards Code – OSHPD 1

SECTION B			NOTE: Approved agencies, individuals, and all changes to the TIO program shall be identified, evaluated by the DPOR and approved by OSHPD prior to proceeding with the related work.			
Facility #:		Facility Name:		Project #:		Sub #:
DURING CONSTRUCTION DOCUMENT SUBMITTAL			DURING CONSTRUCTION			
Index #	REQUIRED (Select)	TESTS	PERFORMED OFF-SITE	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL	COMPLIANCE VERIFICATION BY IOR	OSHPD/FDD USE
B-FP8		Standpipe system CFC 901.5 & NFPA 14-2013 Chapter 11 Acceptance testing – Underground piping				FLSO:
B-FP9		Private fire mains CFC 901.5 & NFPA 24-2016 § 10.10 Acceptance testing				FLSO:
B-FP10		Fire pumps CFC 901.5 & NFPA 20-2016 § 14.1 & 14.2 Acceptance testing				FLSO:
B-FP11		Fire protection water tank CFC 901.5 & NFPA 22-2013 Chapter 17 Acceptance testing				FLSO:
B-FP12		Wet chemical extinguishing system CFC 901.5 & NFPA 17A-2013 § 6.4 Acceptance testing				FLSO:
B-FP13		Clean agent extinguishing system CFC 901.5 & NFPA 2001-2015 § 7.7 Acceptance testing				FLSO:
B-FP14		CO2 extinguishing system CFC 901.5 & NFPA 12-2011 § 4.4.3 & 4.4.4 Acceptance testing				FLSO:
B-FP15		Dry chemical extinguishing system CFC 901.5 & NFPA 17-2013 § 10.4 Acceptance testing				FLSO:
B-FP16		Halon 1301 extinguishing system CFC 901.5 & NFPA 12A-2009 § 6.7 Acceptance testing				FLSO:
B-FP17		Underground fuel storage tank CFC 5704.2.12 & NFPA 30-2012 § 21.5.1 Initial testing				FLSO:
B-FP18		Underground fuel storage tank CFC 5704.2.12 & NFPA 30-2012 § 21.5.2 Tightness testing				
B-FP19		Flammable and combustible liquid fuel piping CFC 5703.6.3 Pressure testing				
B-FP20						
OTHER TESTS						
B-OT1						
B-OT2						
B-OT3						



Testing, Inspection and Observation Program
 2016 California Building Standards Code – OSHPD 1

SECTION B		NOTE: Approved agencies, individuals, and all changes to the TIO program shall be identified, evaluated by the DPOR and approved by OSHPD prior to proceeding with the related work.				
Facility #:		Facility Name:		Project #:		
DURING CONSTRUCTION DOCUMENT SUBMITTAL			DURING CONSTRUCTION			
Index #	REQUIRED (Select)	TESTS	PERFORMED OFF-SITE	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL	COMPLIANCE VERIFICATION BY IOR	OSHPD/FDD USE
B-OT4						



Testing, Inspection and Observation Program
 2016 California Building Standards Code – OSHPD 1

SECTION C		NOTE: Approved agencies, individuals, and all changes to the TIO program shall be identified, evaluated by the DPOR and approved by OSHPD prior to proceeding with the related work.	
Facility #:	Facility Name:	Project #:	Sub #:
DURING CONSTRUCTION DOCUMENT SUBMITTAL		DURING CONSTRUCTION	
Index #	REQUIRED (Select)	PERFORMED OFF-SITE	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL
SPECIAL INSPECTIONS		COMPLIANCE VERIFICATION BY IOR	OSHPD/FDD USE

STRUCTURAL SPECIAL INSPECTIONS

Foundation

C-F1	Soils CBC 1705A.6 Soil fill				DSE:
C-F2	Foundation CBC 1705A.7 Driven deep foundations				DSE:
C-F3	Foundation CBC 1705A.8 Cast-in-place deep foundations				DSE:
C-F4	Foundation CBC 1705A.9 Helical pile foundations				DSE:
C-F5	Shoring CBC 1812A Shoring				DSE:
C-F6	Vibro Stone Columns (VSC) CBC 1813A Vibro Stone Columns				DSE:
C-F7	Prestressed soil and rock anchors CBC 1705A.3, 1811A & 1812A Installation and testing				DSE:
C-F8					DSE:
C-F9					DSE:

Concrete

C-C1	Concrete CBC 1705A.3; ACI 318 26.5.2 & 26.13 Placement of concrete				DSE:
C-C2	Concrete CBC 1705A.3; ACI 318 26.4.1.4 Admixtures				DSE:
C-C3	Concrete CBC 1705A.3; ACI 318 26.4 Mix Design				DSE:
C-C4	Concrete CBC 1705A.3; ACI 318 26.13 Reinforcing steel & prestressing steel				DSE:
C-C5	Concrete CBC 1705A.3 CIP & Post-installed anchors				DSE:
C-C6	Concrete CBC Table 1705A.3 Adhesive anchors in horizontal and upwardly inclined positions				DSE:
C-C7	Concrete CBC 1705A.3; ACI 318 26.13 Specialty inserts, Stud rails, Rebar mechanical conn., Headed rebar				DSE:
C-C8	Concrete CBC 1705A.3.3 Batch plant inspection				DSE:



Testing, Inspection and Observation Program
 2016 California Building Standards Code – OSHPD 1

SECTION C	NOTE: Approved agencies, individuals, and all changes to the TIO program shall be identified, evaluated by the DPOR and approved by OSHPD prior to proceeding with the related work.
------------------	--

Facility #:	Facility Name:	Project #:	Sub #:
-------------	----------------	------------	--------

DURING CONSTRUCTION DOCUMENT SUBMITTAL	DURING CONSTRUCTION
---	----------------------------

Index #	REQUIRED (Select)	SPECIAL INSPECTIONS	PERFORMED OFF-SITE	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL	COMPLIANCE VERIFICATION BY IOR	OSHPD/FDD USE
C-C9		Concrete CBC 1705A.3.5; ACI 318 26.13 Prestressed concrete				DSE:
C-C10		Concrete CBC 1705A.3 & 1705A.12.5 Precast concrete fabrication & precast panels				DSE:
C-C11		Concrete CBC 1705A.3 Precast concrete erection				DSE:
C-C12		Shotcrete CBC 1705A.19 & 1908A Installation				DSE:
C-C13		Concrete CBC 1705A.3 Insulating concrete				DSE:
C-C14		Concrete CBC 1705A.3, 1705A.3.1 & 1903A.8 Welding of reinforcing bars				DSE:
C-C15		Concrete CBC 1705A.12.5 GFRC panels				DSE:
C-C16		Concrete CBC 1911A.2; ACI 503.7 Crack repair by epoxy injection				DSE:
C-C17		Concrete CBC 1911A.3, ICC AC178 Sec. 3 to 8 Strengthening by externally bonded FRP				DSE:
C-C18						
C-C19						

Masonry

C-MA1	Masonry	CBC 1705A.4 Laying and grouting				DSE:
C-MA2	Masonry	CBC 2104A.1.3 Low lift grout				DSE:
C-MA3	Masonry	CBC 2104A.1.3 High lift grout				DSE:
C-MA4	Masonry	CBC 1705A.4 Masonry anchors				DSE:
C-MA5						
C-MA6						

Steel

C-S1	Steel	CBC 1705A.2 & 1705A.12.1 Steel shop fabrication				DSE:
C-S2	Steel	CBC 1705A.2.5 & 1705A.12.1 Automatic end-welded studs				DSE:



Testing, Inspection and Observation Program
 2016 California Building Standards Code – OSHPD 1

SECTION C		NOTE: Approved agencies, individuals, and all changes to the TIO program shall be identified, evaluated by the DPOR and approved by OSHPD prior to proceeding with the related work.	
------------------	--	--	--

Facility #:	Facility Name:	Project #:	Sub #:
-------------	----------------	------------	--------

DURING CONSTRUCTION DOCUMENT SUBMITTAL		DURING CONSTRUCTION	
---	--	----------------------------	--

Index #	REQUIRED (Select)	SPECIAL INSPECTIONS	PERFORMED OFF-SITE	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL	COMPLIANCE VERIFICATION BY IOR	OSHPD/FDD USE
C-S3		Steel CBC 1705A.2.5 & 1705A.12.1 Shop and field welding				DSE:
C-S4		Steel AWS D1.1 3 & 4 and AWS D1.8 6.1 Shop and field welding - WPS / WPQR				DSE:
C-S5		Steel CBC 1705A.2 & 1705A.12.1 High strength bolt installation				DSE:
C-S6		Steel CBC 1705A.2, 1705A.11.2 & 1705A.12.3 Cold-formed steel light frame construction				DSE:
C-S7						
C-S8						

Wood

C-W1		Wood CBC 1705A.5, 1705A.5.4, 1705A.11.1 & 1705A.12.2 Glue laminated timber				DSE:
C-W2		Wood CBC 1705A.5.6, 1705A.11.1 & 1705A.12.2 Installation of timber connectors				DSE:
C-W3		Wood CBC 1705A.5 & 1705A.5.5 Manufactured trusses				DSE:
C-W4		Wood CBC 1705A.11.1 & 1705A.12.2 Nailing, screw attachment, bolting, anchoring, field gluing operations and other fastening				DSE:
C-W5						
C-W6						

Other Structural Materials

C-OM1		Aluminum CBC 2003.1 Inspection				DSE:
C-OM2		Structural Sealant Glazing CBC 2410.1.2 Structural sealants for exterior glass curtain walls				DSE:
C-OM3						

Alternative Systems

C-AS1		Alternative system CBC 1705A.1.1 Construction materials and methods for alternative system				DSE:
C-AS2		Seismic isolation and damping system CBC 1705A.12.8 Fabrication, installation, prototype, and production testing				DSE:
C-AS3						



Testing, Inspection and Observation Program
 2016 California Building Standards Code – OSHPD 1

SECTION C		NOTE: Approved agencies, individuals, and all changes to the TIO program shall be identified, evaluated by the DPOR and approved by OSHPD prior to proceeding with the related work.				
Facility #:		Facility Name:		Project #:		
				Sub #:		
DURING CONSTRUCTION DOCUMENT SUBMITTAL			DURING CONSTRUCTION			
Index #	REQUIRED (Select)	SPECIAL INSPECTIONS	PERFORMED OFF-SITE	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL	COMPLIANCE VERIFICATION BY IOR	OSHPD/FDD USE
C-AS4						
Nonstructural components, supports and attachments						
C-N1		Architectural components CBC 1705A.12.5 & 1705A.16 Cladding, nonbearing walls and veneer				CO:
C-N2		Ceiling CBC 1705A.12.5 Suspended ceiling systems and their anchorage				CO:
C-N3		Access floors CBC 1705A.12.5.1 Anchorage of access floor systems				CO:
C-N4		Storage racks 8' or taller CBC 1705A.12.7 Anchorage				CO:
C-N5		Plumbing, mechanical and electrical components CBC 1705A.12.6 Anchorage, bracing, and vibration isolators				CO:
C-N6		Special Seismic Certification CBC 1705A.12.4 Special Seismic Certification label, anchorage and mounting				CO:
C-N7						
C-N8						
MECHANICAL SPECIAL INSPECTIONS						
C-M1						CO:
C-M2						
C-M3						
C-M4						
C-M5						
C-M6						
PLUMBING SPECIAL INSPECTIONS						
C-P1						CO:
C-P2						
C-P3						
C-P4						
C-P5						
FIRE PROTECTION SPECIAL INSPECTIONS						



Testing, Inspection and Observation Program
 2016 California Building Standards Code – OSHPD 1

SECTION C			NOTE: Approved agencies, individuals, and all changes to the TIO program shall be identified, evaluated by the DPOR and approved by OSHPD prior to proceeding with the related work.			
Facility #:		Facility Name:		Project #:		Sub #:
DURING CONSTRUCTION DOCUMENT SUBMITTAL			DURING CONSTRUCTION			
Index #	REQUIRED (Select)	SPECIAL INSPECTIONS	PERFORMED OFF-SITE	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL	COMPLIANCE VERIFICATION BY IOR	OSHPD/FDD USE
C-FP1		Sprayed fire-resistant materials CBC 1705A.14 Spray-applied fireproofing				FLSO:
C-FP2		Mastic and intumescent fire-resistant coatings CBC 1705A.15 In accordance with AWCI 12-B				FLSO:
C-FP3		Penetration firestops CBC 1705A.17.1 Penetration firestop systems that are tested and listed				FLSO:
C-FP4		Fire-resistant joint systems CBC 1705A.17.2 Fire-resistant joint systems that are tested and listed				FLSO:
C-FP5		Smoke control systems CFC 909.18.8 & CBC 1705A.18 Ductwork and operation				FLSO:
C-FP6		Sprinkler system piping NFPA 13-2016 § 6.5.2 Welded pipe and fittings				FLSO:
C-FP7		Standpipe system piping NFPA 14-2013 § 4.4.2 Welded pipe and fittings				FLSO:
C-FP8						
OTHER SPECIAL INSPECTIONS						
C-OT1		Exterior insulation and finish systems (EIFS). CBC 1705A.16 EIFS applications				
C-OT2		Water-resistive barrier coating CBC 1705A.16.1 ASTM E2570 Barrier coating when installed over a sheathing substrate.				
C-OT3						
C-OT4						
C-OT5						
C-OT6						



Testing, Inspection and Observation Program
 2016 California Building Standards Code – OSHPD 1

SECTION F		PLAN REVIEW APPROVAL	
Facility #:	Facility Name:	Project #:	Sub #:
NOTE: For testing, inspection and observation program instructions, visit our website: http://oshpd.ca.gov/FDD/Plan_Review/TIO.html#TIO			
Submitted by:			
I have reviewed the approved construction documents for this project and all tests and special inspections required by Code are marked as "required" on this form.			
Architect/Engineer of Record (Print Name)	Architect/Engineer of Record (Signature)	Date	
Structural Engineer of Record (Print Name)	Structural Engineer of Record (Signature)	Date	
FOR OSHPD USE ONLY			
OSHPD Plan Approval:			
Name	Date	<input type="checkbox"/> A	<input type="checkbox"/> AC
<input type="checkbox"/> D			
Comments:			



OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT

FACILITIES DEVELOPMENT DIVISION – www.oshpd.ca.gov/fdd

400 R Street, Suite 200 ~ Sacramento, California 95811

700 N. Alameda Street, Suite 2-500 ~ Los Angeles, California 90012

Phone (916) 440-8300

Phone (213) 897-0166

FAX (916) 324-9188

FAX (213) 897-0168

Testing, Inspection and Observation Program
2016 California Building Standards Code – OSHPD 1

SECTION G BUILDING PERMIT APPROVAL
Facility #: Facility Name: Project #: Sub #:
NOTE: For testing, inspection and observation program instructions, visit our website: http://oshpd.ca.gov/FDD/Plan_Review/TIO.html#TIO
Samples of Test and Inspection Reports are: (NOT required for tests performed by laboratories approved through OPAA Program)
Required test and inspection reports shall be prepared and submitted to OSHPD/FDD within ___ days of the completion of all tests and inspections.
Verification that approved test and inspection agencies are objective, competent and independent as required by the CBC 2016 Section 1703A.1.1:
This program has been prepared and submitted for an OSHPD 1 project. OSHPD 1 projects include all construction and remodel projects for general acute care hospitals and acute psychiatric hospitals.
FOR OSHPD USE ONLY
OSHPD TI&O Program Approval:
Name Date A AC D
Comments:

