

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.

SECTIO	ON A	PROJECT INFORMATION					
Facility #:	Fac	Facility Name:					
12372	Tri-City	S172470-37-00					
Street Address:	4002 Vista Way						
City:	Oceanside	County:	San Diego				
Record Name	(Scope of Project):	Emergency improvements to the Central Plant Mechanical equipment consisting of the installation of an emergency chiller, supporting cooling tower and pumps. Electrical and					
Abbreviations: CAC: California Administrative Code CBC: California Building Code RDP: Registered Design Professional Version: R02.3							



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### Testing, Inspection and Observation Program

SI	EC	TION B		Approved agencies, individuals, and all changes to the TIO progical by the DPOR and approved by OSHPD prior to proceeding wi		
acili	ity #:	Facility Name:		Project #:		
12	2372	Tri-City Medical Center		S172470-37-00		
D	URII	NG CONSTRUCTION DOCUMENT SUBMITTAL		DURING CONSTRUCTION	N	
# well	REQUIRED (Select)	TESTS	PERFORMED OFF-SITE	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL	COMPLIANCE VERIFICATION BY IOR	
JCT	TURA	AL TESTS				
oun	datio	n				
B-F1		Soil fill CBC 1705A.6 Fill material acceptance test				DS
B-F2	Х	Soil fill CBC 1705A.6 Compaction test		TBD		D:
B-F3		Soil and rock anchors CBC 1811A Load test				D:
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				D
B-F5		Shoring CBC 1812A Tie-Back Anchors				D
B-F6		Vibro Stone Columns (VSC) CBC 1813A Acceptance Test				D:
B-F7						_
B-F8						
onci	rete					
B-C1	Х	Concrete CBC 1705A.3, 1903A.6 & 1910A.1; ACI 318	Х	TBD		D
B-C2	Х	Concrete CBC 1705A.3, 1903A.5; ACI-318 1.9.1 & 26.4 Aggregates/Reactive aggregates	Х	TBD		D:
B-C3	Х	<b>Concrete</b> CBC 1705A.3, ACI-318 26.4.1.3 Water	Х	TBD		D
B-C4	Х	<b>Concrete</b> CBC 1705A.3 & 1905A.1.16; ACI-318 26.12 Strength test		TBD		D:
B-C5	Х	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)	Х	TBD		D:
B-C7		Concrete CBC 1705A.3 & ACI-318 20.5 Headed studs and headed stud assemblies				D:
B-C8		Concrete CBC Table 1705A.3 Item #2a, 1903A.8 Weldability of reinforcing bars				D:
B-C3		Concrete CBC 1705A.3 & 1910A.3; ACI-318 20.3, 25.8 & 26.6.1.2 Prestressing tendons and anchorage				D:
B-C10		Concrete CBC 1911A.2; ACI 503.7 Crack repair by epoxy injection				D:



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12	2372	Tri-City Medical Center		S172470-37-00		
D	URIN	IG CONSTRUCTION DOCUMENT SUBMITTAL		DURING CONSTRUCTION	N	
# wapul	REQUIRED (Select)	TESTS	PERFORMED OFF-SITE	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL	COMPLIANCE VERIFICATION BY IOR	OSHPD/FDD
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	Х	Post-installed anchors CBC 1910A.5 Installation verification test		TBD		DSE
7 B-C16						
B-C17						
aso	nry					
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 f'm - 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						
ш						
eel						DSE
	Х	Steel CBC 2203A.1 Identification test for structural steel and cold formed steel		TBD		



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	1:	2372	Tri-City Medical Center		S172470-37-00	0
	D	URIN	IG CONSTRUCTION DOCUMENT SUBMITTAL		DURING CONSTRUCTION	•
	# xəpul	REQUIRED (Select)	TESTS	PERFORMED OFF-SITE	COMPLIANCE COMPLIANCE VERIFICATION	ő
	B-S3		<b>Steel</b> 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					
C	the	r Struc	ctural 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:
	в-омз		Zamino Comercia Comer			
	B-OM4					
4	lter	native	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					
N	lons	tructu	ral 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					



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D	URIN	G CONSTRUCTION DOCUMENT SUBMITTAL		DURING CONSTRUCTION	1				
# xəpul	REQUIRED (Select)	TESTS	PERFORMED OFF-SITE	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL	COMPLIANCE VERIFICATION BY IOR	OSHPD/FDD			
B-ME2 B-ME1 H B-E9 B-E8 B-E7 B-E6 B-E5 B-E4 B-E3 B-E2 B-E1 H Index#	ICAL	TESTS							
B-E1	х	Ground fault protection CEC 230.95(C) & 517.17(D) Performance test		TBD		CO:			
B-E2		Emergency generator tests CEC 700.3(A) & NFPA 110-2016 § 7.13				FLSO			
B-E3		<b>Wet Location</b> 2-15 NFPA 99 6.3.2.2.8.5 (B)				CO:			
B-E4	х	Grounding system effectiveness 2015 NFPA 99 6.3.3.1.1.1		TBD		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	х	ESS Insulation Resistance 2015 NFPA 99 6.4.4.1.2.2		TBD		CO:			
B-E8		Medium Voltage Outdoor Systems CEC 225.56				CO:			
B-E9	х	Temporary Installation Grounding CEC 590.6(b)(2)(a)		тво		CO:			
СНА	NICA	AL 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	Х	Refrigeration equipment CMC 1116.0		TBD		CO:			
B-ME4	Х	Refrigeration detection and alarm system CMC 1108.4 & CFC 606.8 Acceptance testing		TBD		FLSC			
B-ME5		Refrigeration flaring system CMC 1114.3 Safety and effectiveness				CO:			
B-ME56		Steam and hot water boilers CMC 1013.0				CO:			
B-ME7 E	Х	Hydronics CMC 1205.2, 1220.3.6 & 1221.3 Pressure test of steam and water piping		TBD		CO:			
B-ME8		Process piping CMC 1405.2				CO:			
B-ME9 B	Х	Pressure test  Ventilation system CMC 407.3.1 & Table 4-A		TBD		CO:			



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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						
B-ME16						
MB	ING	TESTS				
B-P1	Х	Disinfection of potable water systems CPC 609.9		TBD		CO:
2		Madical was and was sure.				CO:
<u>В</u>	Х	Medical gas and vacuum NFPA 99-2015 § 5.1.12 Gas and vacuum system performance testing		TBD		
B-P3 B-I	X	NFPA 99-2015 § 5.1.12		TBD		CO:
-		NFPA 99-2015 § 5.1.12 Gas and vacuum system performance testing  Medical gas and vacuum  NFPA 99-2015 § 5.1.12				CO:
-P4 B-P3		NFPA 99-2015 § 5.1.12 Gas and vacuum system performance testing  Medical gas and vacuum  NFPA 99-2015 § 5.1.12 Gas and vacuum system verification testing  Existing sewers and drains  CPC 102.4.1, 105.3 & 712.0				
B-P4 B-P3	х	NFPA 99-2015 § 5.1.12 Gas and vacuum system performance testing  Medical gas and vacuum  NFPA 99-2015 § 5.1.12 Gas and vacuum system verification testing  Existing sewers and drains  CPC 102.4.1, 105.3 & 712.0  Tested for conformance with requirements for new work  Water supply system  CPC 105.3 & 609.4		TBD		CO:
B-P5 B-P4 B-P3	х	NFPA 99-2015 § 5.1.12 Gas and vacuum system performance testing  Medical gas and vacuum  NFPA 99-2015 § 5.1.12 Gas and vacuum system verification testing  Existing sewers and drains  CPC 102.4.1, 105.3 & 712.0  Tested for conformance with requirements for new work  Water supply system  CPC 105.3 & 609.4  Pressure tested prior to covering or concealment  Plumbing, drainage, and venting systems  CPC 105.3 & 712.0		TBD		CO:
B-P6 B-P5 B-P4 B-P3	х	NFPA 99-2015 § 5.1.12 Gas and vacuum system performance testing  Medical gas and vacuum  NFPA 99-2015 § 5.1.12 Gas and vacuum system verification testing  Existing sewers and drains CPC 102.4.1, 105.3 & 712.0 Tested for conformance with requirements for new work  Water supply system CPC 105.3 & 609.4 Pressure tested prior to covering or concealment  Plumbing, drainage, and venting systems CPC 105.3 & 712.0  Water or air tested prior to use, covering or concealment  Building sewer CPC 105.3, 712.0 & 723.0		TBD		CO:
B-P7 B-P6 B-P5 B-P4 B-P3	x	NFPA 99-2015 § 5.1.12 Gas and vacuum system performance testing  Medical gas and vacuum  NFPA 99-2015 § 5.1.12 Gas and vacuum system verification testing  Existing sewers and drains  CPC 102.4.1, 105.3 & 712.0  Tested for conformance with requirements for new work  Water supply system  CPC 105.3 & 609.4  Pressure tested prior to covering or concealment  Plumbing, drainage, and venting systems  CPC 105.3 & 712.0  Water or air tested prior to use, covering or concealment  Building sewer  CPC 105.3, 712.0 & 723.0  Water or air tested prior to use, covering or concealment  Storm drain piping  CPC 1106.0		TBD  TBD		CO:
B-P8 B-P7 B-P6 B-P5 B-P4 B-P3	x	NFPA 99-2015 § 5.1.12 Gas and vacuum system performance testing  Medical gas and vacuum  NFPA 99-2015 § 5.1.12 Gas and vacuum system verification testing  Existing sewers and drains  CPC 102.4.1, 105.3 & 712.0  Tested for conformance with requirements for new work  Water supply system  CPC 105.3 & 609.4  Pressure tested prior to covering or concealment  Plumbing, drainage, and venting systems  CPC 105.3 & 712.0  Water or air tested prior to use, covering or concealment  Building sewer  CPC 105.3, 712.0 & 723.0  Water or air tested prior to use, covering or concealment  Storm drain piping  CPC 1106.0  Water or air tested prior to use, covering or concealment  Fuel piping  CPC 1213.0		TBD  TBD		CO:



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	ity #:	Facility Name:		Project #:		s	
	2372	Tri-City Medical Center		\$172470-37-00		L	
וndex #	REQUIRED (Select)	TESTS	PERFORMED OFF-SITE	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL	COMPLIANCE VERIFICATION BY IOR		
B-P12		Defective systems CPC 105.3.1 Air test of defective drainage and plumbing systems				C	
B-P13		Moved structures CPC 102.7 All parts of plumbing systems tested				C	
B-P14		Retesting CPC 105.3.2 Retest after corrections				C	
B-P15		Shower receptors CPC 408.7.5				C	
B-P16		Backflow prevention devices and assemblies CPC 603.2 & 603.4.2 Assembly tested				C	
B-P17		Nonpotable water CPC 1501.11 Inspection and testing				C	
B-P18		Relaimed (recycled) water systems CPC 1503.5 & 1503.13 Initial cross-connection test, inspection and testing				C	
B-P19		On-site treated nonpotable gray water systems CPC 1504.5 & 1504.12 Initial cross-connection test, inspection and testing				C	
B-P20	Χ	Joints and connections CPC 103.5.6.4, pressure tested for gas and water tightness		TBD			
PR	OTE	CTION EQUIPMENT TESTS					
B-FP1		Fire Alarm CFC 901.5 & CFC 907.7 NFPA 72-2016 §14.4 Acceptance and Reacceptance Testing				Fl	
B-FP2		Fire and smoke dampers CFC 901.5 & CFC 907.8 Acceptance testing				Fl	
B-FP3		Duct Detectors CFC 901.5, NFPA 72-2016 §14.4 Differential Pressure Test				FL	
B-FP4		Smoke control system CFC 901.5, CFC 909.18 & CBC 1705A.17 Acceptance testing				FL	
B-FP5		Fire sprinkler CFC 901.5 & NFPA 13-2016 Chapter 25 Acceptance testing – Aboveground piping				FL	
B-FP6		Fire sprinkler CFC 901.5 & NFPA 13-2016 Chapter 25 Acceptance testing – Underground piping				FL	
B-FP7		Standpipe system CFC 901.5 & NFPA 14-2013 Chapter 11 Acceptance testing – Aboveground piping				FL	
B-FP8		Standpipe system CFC 901.5 & NFPA 14-2013 Chapter 11 Acceptance testing – Underground piping				FL	
B-FP9	Х	Private fire mains CFC 901.5 & NFPA 24-2016 § 10.10 Acceptance testing		TBD		Fl	
B-FP10		Fire pumps CFC 901.5 & NFPA 20-2016 § 14.1 & 14.2 Acceptance testing				FL	



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D	URIN	IG CONSTRUCTION DOCUMENT SUBMITTAL		DURING CONSTRUCTION				
# xəpul	REQUIRED (Select)	TESTS	PERFORMED OFF-SITE	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL	COMPLIANCE VERIFICATION BY IOR	OSHPD/FDD USE		
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								
	TEST	S	11	T				
2 B-OT1			ļ					
гз в-от								
T4 B-OT3								
B-OT5 B-OT4								
			-					
в-от6								



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# xəpul	REQUIRED (Select)	SPECIAL INSPECTIONS	PERFORMED OFF-SITE	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL	COMPLIANCE VERIFICATION BY IOR	ממש/ממחמס
		L SPECIAL INSPECTIONS				
oun	datior		n			D0
C-F		Soils CBC 1705A.6 Soil fill				DS
C-F2		Foundation CBC 1705A.7 Driven deep foundations				DS
C-F3		Foundation CBC 1705A.8 Cast-in-place deep foundations			[	DS
C-F4		Foundation CBC 1705A.9 Helical pile foundations				DS
C-F5		Shoring CBC 1812A Shoring				DS
C-F6		Vibro Stone Columns (VSC) CBC 1813A Vibro Stone Columns				DS
C-F7		Prestressed soil and rock anchors CBC 1705A.3, 1811A & 1812A Installation and testing				DS
C-F8						
C-F9						
onc	rete					
C-C	Х	Concrete CBC 1705A.3; ACI 318 26.5.2 & 26.13 Placement of concrete		TBD	I	DS
C-C2		Concrete CBC 1705A.3; ACI 318 26.4.1.4 Admixtures			I	DS
င္ပင္	Х	Concrete CBC 1705A.3; ACI 318 26.4 Mix Design		TBD	I	DS
C-C4	Х	Concrete CBC 1705A.3; ACI 318 26.13 Reinforcing steel & prestressing steel		TBD	I	DS
C-C5	Х	Concrete CBC 1705A.3 CIP & Post-installed anchors		TBD	[	DS
9 <b>2</b> -2		Concrete CBC Table 1705A.3 Adhesive anchors in horizontal and upwardly inclined positions			[	DS
C-C7		Concrete CBC 1705A.3; ACI 318 26.13 Specialty inserts, Stud rails, Rebar mechanical conn., Headed rebar				DS
8 0-0	Х	Concrete CBC 1705A.3.3 Batch plant inspection	Х	TBD	1	DS



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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				DSE		
C-C15 (		Welding of reinforcing bars  Concrete  CBC 1705A.12.5				DSE		
C-C16 C		GFRC panels  Concrete  CBC 1911A.2; ACI 503.7				DSE		
C-C17 C		Crack repair by epoxy injection  Concrete  CBC 1911A.3, ICC AC178 Sec. 3 to 8  Strengthening by externally bonded FRP				DSE		
C-C18		Ordengulerining by externally borded 114						
C-C19								
aso	onry							
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				DSE		
C-MA5 C		Masonry anchors						
C-MA6								
eel			II.					
		Steel	I			DSE		
C-S1		CBC 1705A.2 & 1705A.12.1 Steel shop fabrication						



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### Testing, Inspection and Observation Program

SI	EC1	TION C	NOTE: Approved agencies, individuals, and all changes to the TIO program shall be ident evaluated by the DPOR and approved by OSHPD prior to proceeding with the related wor					
acili	ity #:	Faclity Name:		Project #:		S		
	2372	Tri-City Medical Center		S172470-37-00				
D	<u>URIN</u>	IG CONSTRUCTION DOCUMENT SUBMITTAL		DURING CONSTRUCTION	N			
udex#	REQUIRED (Select)	SPECIAL INSPECTIONS	PERFORMED OFF-SITE	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL	COMPLIANCE VERIFICATION BY IOR	della		
C-S2		Steel CBC 1705A.2.5 & 1705A.12.1 Automatic end-welded studs				DS		
C-S3	Х	<b>Steel</b> CBC 1705A.2.5 & 1705A.12.1 Shop and field welding		TBD		DSI		
C-S4	х	Steel AWS D1.1 3 & 4 and AWS D1.8 6.1 Shop and field welding - WPS / WPQR		TBD		DSI		
C-S5	Х	Steel CBC 1705A.2 & 1705A.12.1 High strength bolt installation		TBD		DSI		
C-S6		Steel CBC 1705A.2, 1705A.11.2 & 1705A.12.3 Cold-formed steel light frame construction				DSI		
3 C-S7								
C-S8								
000	d							
C-W1		<b>Wood</b> CBC 1705A.5, 1705A.5.4, 1705A.11.1 & 1705A.12.2 Glue laminated timber				DSI		
C-W2		Wood CBC 1705A.5.6, 1705A.11.1 & 1705A.12.2 Installation of timber connectors				DSI		
C-W3		Wood CBC 1705A.5 & 1705A.5.5 Manufactured trusses				DSI		
C-W4		Wood CBC 1705A.11.1 & 1705A.12.2 Nailing, screw attachment, bolting, anchoring, field gluing operations and other fastening				DSI		
s C-W5								
C-W6								
the	r Struc	tural Materials						
5		Aluminum	1		1	DSI		
C-OM1		CBC 2003.1 Inspection						
C-OM2		Structural Sealant Glazing CBC 2410.1.2 Structural sealants for exterior glass curtain walls				DSE		
C-OM3								
	native	Systems						
C-AS1		Alternative system CBC 1705A.1.1				DS		
C-AS2 C		Construction materials and methods for alternative system  Seismic isolation and damping system	1			DSE		



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### Testing, Inspection and Observation Program

	CI		FION C	NOTE: A	Approved agencies, individuals, and all changes to the TIO progran	n shall be i	dentified,
	<u>၁</u> ၊		TION C		d by the DPOR and approved by OSHPD prior to proceeding with		
	Facili		Facility Name:		Project #:		Sub #:
		2372	Tri-City Medical Center	li e	\$172470-37-00		0
			NG CONSTRUCTION DOCUMENT SUBMITTAL		DURING CONSTRUCTION	7	
	# xəpul	REQUIRED (Select)	SPECIAL INSPECTIONS	PERFORMED OFF-SITE	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL	COMPLIANCE VERIFICATION BY IOR	OSHPD/FDD USE
	C-AS3						
	C-AS4						
N	lons	tructı	iral 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	Х	Special Seismic Certification CBC 1705A.12.4 Special Seismic Certification label, anchorage and mounting		TBD		CO:
	8 C-N7						
	C-N8						
MEC	HA	NICA	AL SPECIAL INSPECTIONS				
	C-M1						CO:
	C-M2						
	4 C-M3						
	15 C-M4						
	C-M6 C-M5						
ייים			SDECIAL INSDECTIONS				
PLUI		ING	SPECIAL INSPECTIONS				CO:
	C-P2 C-P1						
	с-Р3						
	C-P4 C						
	J	<b>.</b>	<u>l</u>	11	1		



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### Testing, Inspection and Observation Program

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 #:						
	2372	Tri-City Medical Center		S172470-37-00		0			
D	DURING CONSTRUCTION DOCUMENT SUBMITTA		DURING CONSTRUCTION						
# xapul	REQUIRED (Select)	SPECIAL INSPECTIONS	PERFORMED OFF-SITE	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL	COMPLIANCE VERIFICATION BY IOR	OSHPD/FDD			
C-P5									
PR	OTE	CTION SPECIAL INSPECTIONS							
C-FP1		Sprayed fire-resistant materials CBC 1705A.14 Spray-applied fireproofing				FLSC			
C-FP2		Mastic and intumescent fire-resistant coatings CBC 1705A.15 In accordance with AWCI 12-B				FLSC			
C-FP3	х	Penetration firestops CBC 1705A.17.1 Penetration firestop systems that are tested and listed		TBD		FLSC			
C-FP4		Fire-resistant joint systems CBC 1705A.17.2 Fire-resistant joint systems that are tested and listed				FLSC			
C-FP5		Smoke control systems CFC 909.18.8 & CBC 1705A.18 Ductwork and operation				FLSC			
C-FP6		Sprinkler system piping NFPA 13-2016 § 6.5.2 Welded pipe and fittings				FLSC			
C-FP7		Standpipe system piping NFPA 14-2013 § 4.4.2 Welded pipe and fittings				FLSC			
C-FP8									
ER :	SPEC	IAL INSPECTIONS							
C-0T1		Exterior insulation and finish systems (EIFS). CBC 1705A.16 EIFS applications							
C-0T2		Water-resistive barrier coating CBC 1705A.16.1 ASTM E2570 Barrier coating when installed over a sheathing substrate.							
ပ်	X	Medical Gas, NFPA 99 - 20112 chapter 5MC, Brazing and Labeling.		TBD					
C-0T4									
C-0T5									
с-от6									



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# Testing, Inspection and Observation Program

2016 California Building Standards Code - OSHPD 1

SEC	SECTION D CONSTRUCTION VERIFICATION						TIC	N				
Facility #:	Faclity	Name:							Proj	ect #:		Sub #:
12372	Tri-City Med	y Medical Center S172470-37-00										
	VERIFIED CONSTRUCTION	INSPECTION	ON AND	OBSER	VATION	REPOR	ΓING					
Reference	PROJECT MILESTONE OR INTERVAL	VERIFIED COMPLIANCE REPORT REQUIRED A  (Form OSH-FD-123)  (See "PERSONAL KNOWLEDGE" as defined in California Section 7-151)								FOR OSHPD USE ONLY		
		GEOR	AOR	SEOR	MEOR	EEOR	CONT	IOR	SP INSP	TEST LAB		OSHPD FDD
		+										
	PROJECT COMPLETION		х	х	Х	Х	Х	Х				

#### ABBREVIATIONS:

GEOR - Geotechnical Engineer of Record MEOR - Mechanical Engineer of Record SP. INSP - Special Inspector AOR - Architect of Record
EEOR - Electrical Engineer of Record
IOR - Inspector of Record

SEOR - Structural Engineer of Record
CONT O/B - Contractor or Owner/Builder
Test Lab – Engr. For the approved agency

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

SECTION F	PLAN REVIEW APPROVAL							
Facility #:	Faclity Name:	Proj	ect #:	Sub #:				
12372 Tri-City Medical Center S172470-37-00								
NOTE: For testing, Inspe	ction and Observation Program Instructions, visit our	website: http://oshpd.ca.go	ov/FDD/Plan_Review/TIO.htm	ml#TIO				
Submitted by: I have reviewed the approve marked as "required" on this	d construction documents for this project and a form.	all tests and special ins	pections required by Co	de are				
Gerald Wayne Hunter		100		11/8/2017				
Architect/Engineer of Record (Print	Name)	Architect/Engineer of Reco	rd (Signature)	Date				
Alvaro Celestino		ACC	D( 1	11/28/2017				
Structural Engineer of Record (Prin	t Name)	Structural Engineer of Reco	ord (Signature)	Date				
	FOR OSHPD USE O	NLY						
OSHPD Plan Approval:								
Name	Date	Α /	AC D					
Comments:								

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

SECTION G	BUILDING P	PERMIT APPROVA	L							
Facility #:	Facility Name:	Project #:	Sub #:							
12372	Tri-City Medical Center	S172470-37-00								
NOTE: For testing, Inspection	NOTE: For testing, Inspection and Observation Program Instructions, visit our website: http://oshpd.ca.gov/FDD/Plan_Review/TIO.html#TIO									
Attached  To be provided following de prior to proceeding with the	on Reports are: (NOT required for tests performance atermination of the responsible firm(s) or individual work that requires tests or special inspections.	• • • • • • • • • • • • • • • • • • • •								
Required test and inspection	reports shall be prepared and submitted to OS nated, all reports shall be submitted to the Offi		mpletion of all tests							
In addition to the preprinted tests and special inspections identified on this form, this program includes additional tests and special inspections as indicated:  Other Tests Other Special Inspections See Attachment  Verification that approved test and inspection agencies are objective, competent and independent as required by the CBC 2016 Section 1703A.1.1: Verification of independence and acceptance of test and inspection agencies by Registered Design Professional (RDP) in responsible charge in accordance with the CAC Section 7-141.  Testing agency qualification for approval or approval of testing agencies through OPAA program.  Inspection agency qualification for approval.  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. 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. Submitted by:										
Gerald Wayne Hunter	C244405	150	11/8/2017							
Architect/Engineer of Record (Print Nan	ne) Professional License #	Architect/Engineer of Record (Signature)	Date							
	FOR OSHPD USE ON	ILY								
OSHPD TI&O Program Approval:										
Name		A AC	D							
Comments:										



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## Testing, Inspection and Observation Program

SECT	TON H	SUMMARY OF CHANGES TO THE TIO PROGRAM  NOTE: Note all changes shall be approved as amended construction documents per CAC 7-153, or "concurred with" as non-material alterations per CAC 7-153(b), by OSHPD prior to proceeding with the related work.							
Facility #:	Facility Na	me:		Project #:	Sub #:				
12372	Tri-City Medica	Tri-City Medical Center S172470-37-00							
TESTING, INSPECTION, OBSERVATION PROGRAM NON-MATERIALLY ALTER CHANGES BY THE ARCHITECT OF RECORD / ENGINEER OF RECORD IN RESPONSIBLE CHARGE  An 'X' in column F or G indicates the indicated DPOR has reviewed the changes made and the acceptance statement in Section I of this Form is									
	An X: In column F or G indicates the indicated DPOR has reviewed the changes made and the acceptance statement in Section I of this Form is applicable to any approved agencies/testing laboratories and special inspectors added.								
REVISION #	SYNOPSIS OF CHANGE	Architect/Engineer of Record Signature	Structural Engineer of Record Signature	DATE	CONCURRENCE				