

APPLICATION FOR OSHPD PR	REAPPROVAL OF	0	FFICE USE ONLY
MANUFACTURER'S CERTIFIC		APPLICATION #:	OPM-0443-13
OSHPD Preapproval of Manufacturer's	Certification (OPM)		
Type: 🛛 New 🗌 Renewal 🗌	Update to Pre-CBC 2013 OF	PA Number:	
Manufacturer Information			
Manufacturer:	Roche Diagnostics Corporat	ion	
Manufacturer's Technical Representative:	Robert A. Jones		
Mailing Address:	PO Box 50457, Indianapolis	, IN 46250-457	
Telephone: <u>317-521-3244</u>	R Email: D Robert.	jones@roche.com	
Product Information	P ACLIPP	Mp	
Product Name: cobas c513 Mod	dular Analyzer	E-H	
Product Type: Blood Analyzer	OPM-0443-13	I'Z'	
Product Model Number: Cobas c513	BY: Jeffrey Kikumo		
General Description: General Chemis			
C P	DATE: 02/27/2019	970	
	*	N	
Applicant Information		- ¹	
Applicant Company Name: Roche Diagno	stics Corporation	;0 ¹	
Contact Person: Robert A. Jon	es		
Mailing Address: PO Box 50457	7, Indianapolis, IN 46250-457	7	
Telephone: 317-521-3244	Email: Robert.	jones@roche.com	
I hereby agree to reimburse the Office accordance with the California Admini		anning and Deve	lopment review fees in
Signature of Applicant:	<u></u>		Date: 08/23/2017
Title: Manager–Field Engineering Support	Company Name: Roche	Diagnostics Corpora	ation
STATE OF CALIFORNIA – HEALTH AND HUMAN SEF OSH-FD-700 (REV 12/16/15) "Access to Safe, Quality Healthcare Environments that Meet California's D		MM ~e	Equitable Healthcare Accessibility for California" Page 1 of 2



OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT FACILITIES DEVELOPMENT DIVISION

Registered Design Professional Preparing Engineering Recommendations
Company Name: CYS Structural Engineers, Inc.
Name: Dieter T. Siebald California License Number: S 4346
Mailing Address: 2495 Natomas Park Drive, Suite 650, Sacramento, CA 95833
Telephone: 916-920-2020 Email: dieters@cyseng.com
OSHPD Special Seismic Certification Preapproval (OSP)
 Special Seismic Certification is preapproved under OSP- (Separate application for OSP is required) Special Seismic Certification is not preapproved
Certification Method(s)
Testing in accordance with: ICC-ES AC156 FM 1950-16 Other* (Please Specify): ICC-ES AC156 FM 1950-16
 *Use of criteria other than those adopted by the California Building Standards Code, 2016 (CBSC 2016) for component supports and attachments are not permitted. For distribution system, interior partition wall, and suspended ceiling seismic bracings, test criteria other than those adopted in the CBSC 2016 may be used when approved by OSHPD prior to testing. Analysis Experience Data Combination of Testing, Analysis, and/or Experience Data (Please Specify):
List of Attachments Supporting the Manufacturer's Certification
Test Report
OFFICE USE ONLY – OSHPD APPROVAL VALID FOR CBC 2016 & ALL PRE-2016 CODE BASED PROJECTS
Signature: Date: 2/27/2019
Print Name: Jeffrey Kikumoto
Title: <u>SE</u>
Condition of Approval (if applicable):

STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY OSH-FD-700 (REV 12/16/15)

"Access to Safe, Quality Healthcare Environments that Meet California's Diverse and Dynamic Needs"

"Equitable Healthcare Accessibility for California"

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ROCHE DIAGNOSTICS CORPORATION cobas® c513 MODULAR ANALYZER



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	THESE DRAWINGS ARE PREPARED FOR ROCHE DIAGNOSTICS CORPORATION, INDIANAPOLIS, INDIANA. THE CONTRACTOR & INSPECTOR OF RECORD SHALL OBTAIN A COPY OF THIS PRE-APPROVAL FROM THE OFFICE OF STATEWIDE HEALTH PLANNING & DEVELOPMENT (OSHPD) PRE-APPROVAL PROGRAMS WEBSITE.	i -
	DETERVINE TO JUDI DI TAL ALL NOTAL ENVOLVING TEDGUL.	
3.	THIS PRE-APPROVAL COVERS THE SUPPORTS & ATTACHMENTS OF THE UNIT TO THE SUPPORTING STRUCTURE. THE EQUIPMENT UNITS INCLUDING LEVELING LEGS ARE SUPPLIED BY ROCHE. THE SEISMIC BRACKETS, THRU-BOLTS & EXPANSION ANCHORS SHOWN ON <u>PAGES 9-14</u> SHALL BE SUPPLIED & INSTALLED BY THE CONTRACTOR.	PROFESS / ONAL PROFESS / ONAL PROFESS / ONAL No. S4346
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GENERAL NOTES:

- THIS OSHPD PRE-APPROVAL OF MANUFACTURER'S CERTIFICATION (OPM) IS BASED ON THE CBC 2016. 1. THE DEMAND (DESIGN FORCES) FOR USE WITH THIS OPM SHALL BE BASED ON THE CBC 2016.
- IT IS THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER OF RECORD (SEOR) FOR A SITE SPECIFIC 2. **PROJECT TO VERIFY:**
- THE ADEQUACY OF THE (N) OR (E) STRUCTURE TO RESIST THE FORCES & WT SPECIFIED FOR EA EQUIP Α. IN ADDITION TO ALL OTHER LOADS. PROVIDE & DESIGN SUPPLEMENTARY MEMBERS AS REQ.
- THAT THE FLR ANCHORS ARE LOCATED AT AN ADEQUATE DISTANCE FROM ANY SLAB EDGES OR OPGS. Β.
- C. THAT THE FLR ANCHORS ARE LOCATED AT AN ADEQUATE DISTANCE FROM ANY (N) OR (E) ANCHORS. THE SPACING SHOWN IN THE TEST LOADS TABLE ON PG 3 IS THE REQ MIN SPACING OF THE ½" DIA AB'S. THE REQ SPACING FROM ANCHORS OF OTHER DIAMETERS & EMBEDMENTS MAY VARY & SHALL BE EVALUATED BY THE SEOR.
- D. THAT THE INSTALLATION IS IN CONFORMANCE W/ THE CBC 2016 & W/ THE DETAILS SHOWN IN THIS PRE-APPROVAL.
- THAT THE ACTUAL EQUIPMENT'S WT, CENTER OF GRAVITY (CG) LOCATION, ANCHOR LOCATIONS, ANCHOR E. DETAILS, & THE MATERIAL & GA OF THE EQUIP WHERE ATTACHMENTS ARE MADE, AGREE W/ THE INFO SHOWN ON THE PRE-APPROVAL DOCUMENTS. PROVIDE FULL THRD ENGAGEMENT OF NUT & WASHER.
- 3. EXPANSION ANCHORS INSTALLED IN NWC OR SLWC SHALL BE CARBON STL HILTI KB-TZ EXPANSION ANCHORS COMPLYING W/ ESR-1917 REISSUED MAY 2017.
- A. INSTALLATION: INSTALL THE EXPANSION ANCHORS IN ACCORDANCE W/ THE REQUIREMENTS GIVEN IN THE ICC EVALUATION REPORT FOR THE SPECIFIC ANCHOR & THE PARAMETERS GIVEN IN THE TABLE ON PG 3.
- JOB TESTING: FOR VERIFYING SATISFACTORY INSTALLATION WORKMANSHIP, PERFORM JOB SITE TESTING IN B. ACCORDANCE W/ THE TEST LOAD TABLE PROVIDED IN THIS DOCUMENT. TEST 50% OF THE INSTALLED ANCHORS. THE TEST LOAD MAY BE APPLIED BY ANY METHOD THAT WILL EFFECTIVELY MEASURE THE TENSION OR TORQUE IN THE ANCHOR SUCH AS DIRECT PULL W/ A HYDRAULIC JACK OR CALIBRATED SPRING LOADING DEVICES OR CALIBRATED TORQUE WRENCH METHOD. ALL TESTS SHALL BE CONDUCTED IN THE PRESENCE OF THE SPECIAL RINSPECTOR & A REPORT OF THE TEST RESULTS SHALL BE SUBMITTED TO THE ENFORCEMENT AGENCY. IF ANY ANCHOR FAILS THE TEST, TEST ALL ANCHORS, THE TEST SHALL BE PERFORMED 24 HOURS OR MORE AFTER INSTALLATION, TESTING MAY BE DONE PRIOR TO EQUIP INSTALLATION. ALSO REFERATO CBC /1910A.51 FIELD TESTS FOR POST-INSTALLED ANCHORS IN CONCRETE".
- C. FAILURE/ACCEPTANCE CRITERIA: THE FOLLOWING CRITERIA APPLY FOR THE ACCEPTANCE OF INSTALLED ANCHORS:
 - HYDRAULIC RAM METHOD: APPLY & HOLD TEST LOAD FOR A MIN OF 15 SECONDS. THE ANCHOR SHOULD HAVE NO OBSERVABLE MOVEMENT AT THE APPLICABLE TEST LOAD WHERE WASHERS ARE USED. FOR WEDGE TYPE ANCHORS, SUCH AS HILTI KB-TZ, A PRACTICAL WAY TO DETERMINE OBSERVABLE MOVEMENT IS THAT THE WASHER UNDER THE NUT BECOMES LOOSE.
 - TORQUE WRENCH METHOD: THE APPLICABLE TEST TORQUE MUST BE REACHED REG (S) WITHIN THE FOLLOWING LIMITS: WEDGE TYPE: ONE-HALF (1/2) TURN OF THE NUT.

SHEET TITLE: GENERAL NOTES



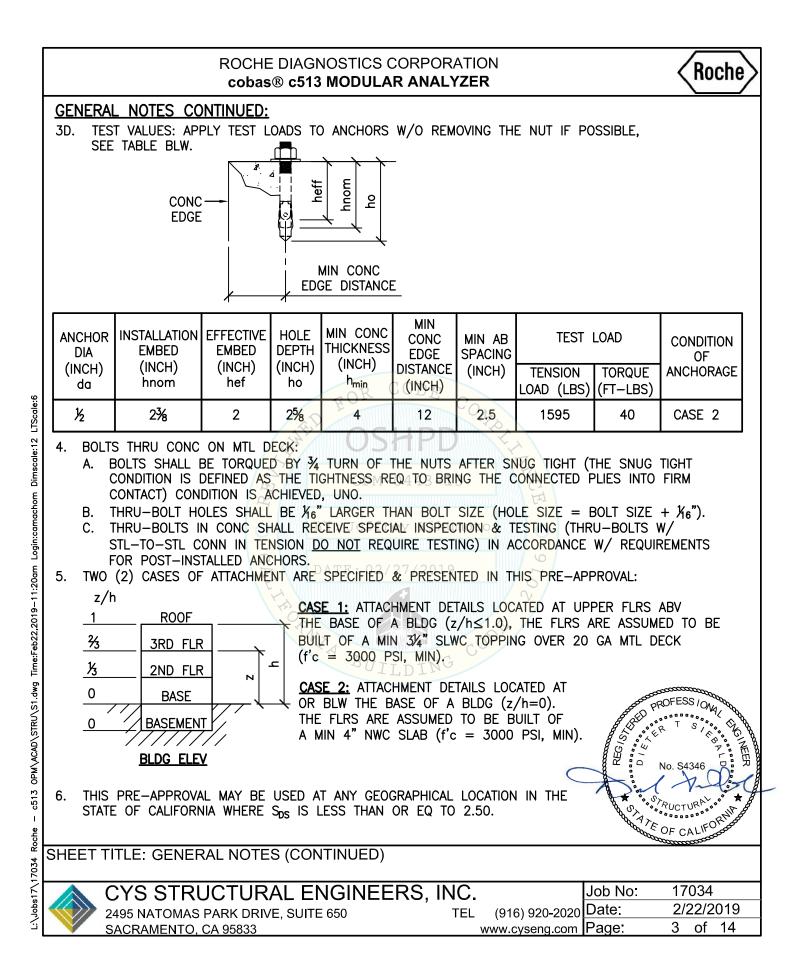
CYS STRUCTURAL ENGINEERS,	INC.		Job No:	17034	
2495 NATOMAS PARK DRIVE, SUITE 650	TEL	(916) 920-2020	Date:	2/22/201	9
SACRAMENTO, CA 95833		www.cyseng.com	_	2 of 14	Ļ

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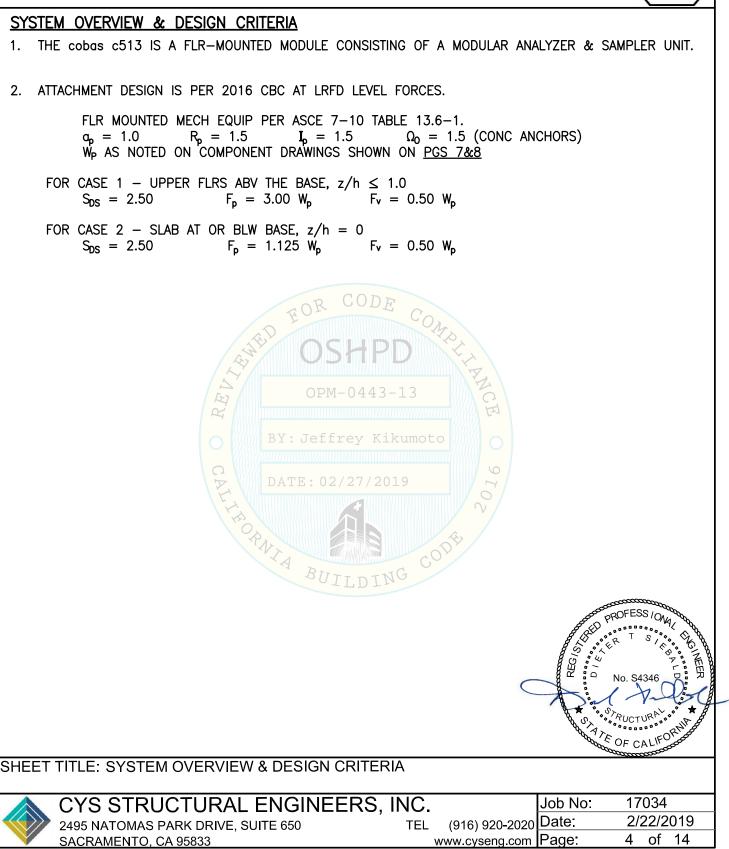
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Roche



02/27/2019

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© AB ADJ ASCE ASTM BLDG BLW BOTT CBC CG € CONC CONN COORD DBL DIA (∅) DIM (E) EA EE ELEV EQ	AT AT ANCHOR BOLT ABOVE ADJACENT AMERICAN SOCIETY OF CIVIL ENGINEERS AMERICAN SOCIETY FOR TESTING & MATERIALS BUILDING BELOW BOTTOM CALIFORNIA BUILDING CODE CENTER OF GRAVITY CENTERLINE CONCRETE CONNECTION COORDINATE DOUBLE DIAMETE DIMENSION EXISTING CONDITION EACH EACH END ELEVATION EQUAL EQUIPMENT	f'c FLR FT (') Fp Fv GA ICC IN (") INFO IOR KSI LBS LRFD MAX MECH MFR MIN MTL	MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF CONCRETE FLOOR FOOT/FEET HORIZONTAL SEISMIC FORCE PER ASCE 7–10 SEISMIC FORCE REQUIREMENTS VERTICAL SEISMIC FORCE PER ASCE 7–10 SEISMIC FORCE REQUIREMENTS SPECIFIED MINIMUM YIELD STRESS OF STEEL GAUGE INTERNATIONAL CODE COUNCIL INCH INFORMATION INSPECTOR OF RECORD KIPS PER SQUARE INCH POUNDS LOAD AND RESISTANCE FACTOR DESIGN MAXIMUM MECHANICAL MANUFACTURER 43–13 MINIMUM METAL	NO. (#) NWC OPG	NEW NUMBER OR POUNDS NORMAL WEIGHT CONCRETE OPENING OFFICE OF STATEWIDE HEALTH PLANNING & DEVELOPMENT PERPENDICULAR PAGE PLATE POUNDS PER SQUARE INCH REQUIRED SAND-LIGHTWEIGHT CONCRETE STEEL ANCHORAGE TENSION REACTION DUE TO SEISMIC FORCE THICK/THICKNESS THREAD OR THREADED TYPICAL TOP & BOTTOM UNLESS NOTED OTHERWISE ANCHORAGE SHEAR REACTION DUE TO SEISMIC FORCE WITH WITHOUT OPERATING WEIGHT WEIGHT
	ITLE: ABBREVIATION		NGINEERS, INC.	16) 920-2020	Job No: 17034 Job No: 17034

