

OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT FACILITIES DEVELOPMENT DIVISION

APPLICATION FOR	R OSHPD PREAPPROVAL	OFFICE	USE ONLY
OF MANUFACTUR	ER'S CERTIFICATION (OPM)	APPLICATION #: OPM	Л-0496-19
OSHPD Preapproval of	Manufacturer's Certification (OPM)		
Type: 🛛 New 🗌	Renewal 🔲 Update to Pre-CBC 2013 C	PA Number:	
Manufacturer Information	on		
Manufacturer:	BD Life Sciences		
Manufacturer's Technical R	epresentative: <u>Tong Zhou</u>		
Mailing Address:	7 Loveton Circle, Sparks, M	1D 21152	
Telephone: <u>410-316-4932</u>	2 B Email: D Tong	zhou@bd.com	
Product Information	TEP POCUDO	OMP	
Product Name:	BD Kiestra [™] – BarcodA/InoquIA System	E-	
Product Type:	Clinical microbiology automation 496-19	ZC	
Product Model Number:	BarcodA, InoquIA FA, InoquIA SA, InoquIA	SA with BSC	
General Description:	BD Kiestra [™] BarcodA/InoquIA System auto		iology processes in
	Pipetting and streaking patient samples on	different media plates.	
	E.		
Applicant Information	HO PA	- Sty	
Applicant Company Name:	BD Life Sciences	30 ²	
Contact Person:	Tong Zhou		
Mailing Address:	7 Loveton Circle, Sparks, MD 21152		
Telephone:	410-316-4932 Email: tong_z	hou@bd.com	
	ourse the Office of Statewide Health F alifornia Administrative Code, 2019.	Planning and Develop	oment review fees in
Signature of Applicant:	Blue Bong	Date:	June 21, 2018
Title: _Staff Systems Engin	neer Company Name: _BD Life	Sciences	
	ments that Meet California's Diverse and Dynamic Needs" H AND HUMAN SERVICES AGENCY	MMMM	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: SE 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):				
*Use of criteria other than those adopted by the California Building Standards Code, 2019 (CBSC 2019) 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 2019 may be used when approved by OSHPD prior to testing.				
Experience Data PATE: 03/06/2020				
Combination of Testing, Analysis, and/or Experience Data (Please Specify):				
PAL CONT				
List of Attachments Supporting the Manufacturer's Certification Test Report Drawings Manufacturer's Catalog Other(s) (Please Specify): Manufacturer's Certified Outline Drawings				
OFFICE USE ONLY – OSHPD APPROVAL VALID FOR CBC 2019 & ALL PRE-2019 CODE BASED PROJECTS				
Signature:				
Title: Structural Engineer				
Condition of Approval (if applicable):				
"Access to Safe, Quality Healthcare Environments that Meet California's Diverse and Dynamic Needs"				

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





BD Life Sciences - Diagnostic Systems BD Kiestra[™] - BarcodA/InoquIA SYSTEM



GENERAL NOTES:

- 1. THIS OSHPD PRE-APPROVAL OF MANUFACTURER'S CERTIFICATION (OPM) IS BASED ON THE CBC 2019. THE DEMAND (DESIGN FORCES) FOR USE W/ THIS OPM SHALL BE BASED ON THE CBC 2019.
- 2. IT IS THE RESPONSIBILITY OF THE SEOR FOR A SITE SPECIFIC PROJECT TO VERIFY: A. THE ADEQUACY OF THE NEW OR EXISTING STRUCTURE TO RESIST THE FORCES & WT SPECIFIED FOR EA
 - EQUIP IN ADDITION TO ALL OTHER LOADS. PROVIDE & DESIGN SUPPLEMENTARY MEMBERS AS REQ. B. THAT THE FLR ANCHORS ARE LOCATED AT AN ADEQUATE DISTANCE FROM ANY SLAB EDGES OR OPGS.
 - C. THAT THE FLR ANCHORS ARE LOCATED AT AN ADEQUATE DISTANCE FROM ANY NEW OR EXISTING ANCHORS. THE SPCG SHOWN IN THE TEST LOADS TABLE ON <u>PG 3</u> IS THE REQ MIN SPCG OF THE GIVEN DIA ANCHORS. THE REQ SPCG FROM ANCHORS OF OTHER DIAMETERS & EMBEDMENTS MAY VARY & SHALL BE EVALUATED BY THE SEOR.
 - D. THAT THE INSTALLATION IS IN CONFORMANCE W/ THE CBC 2019 & W/ THE DETAILS SHOWN IN THIS PRE-APPROVAL.
 - E. THAT THE ACTUAL EQUIP'S WT, CENTER OF GRAVITY (CG) LOCATION, ANCHOR LOCATIONS, ANCHOR DETAILS. & THE MATERIAL & GAGE OF THE EQUIP WHERE ATTACHMENTS ARE MADE. AGREE W/ THE INFO SHOWN ON THE PRE-APPROVAL DOCUMENTS.
 - F. THAT THE CONC SLAB TO WHICH THE EQUIP IS ANCHORED SHALL MEET THE REQUIREMENTS OF THE APPLICABLE ICC REPORT & THIS OPM.
- 3. EXPANSION ANCHORS INSTALLED IN NWC OR SLWC SHALL BE CARBON OR STAINLESS STEEL HILTI KB-TZ EXPANSION ANCHORS AS NOTED COMPLYING W/ ESR-1917 REISSUED SEPTEMBER 2019.
 - 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 B. JOB TESTING: FOR VERIFYING SATISFACTORY INSTALLATION WORKMANSHIP, PERFORM JOBSITE TESTING IN ACCORDANCE W/ THE TEST LOAD TABLE PROVIDED IN THIS DOCUMENT. TORQUE TEST 50% OF THE INSTALLED ANCHORS. ALL TESTS SHALL BE CONDUCTED IN THE PRESENCE OF THE SPECIAL INSPECTOR. TESTING & SPECIAL INSPECTION OF EXPANSION ANCHORS SHALL BE PERFORMED BY THE FACILITY OWNER PER CBS 1704A & 1910A.5 & CAC 7-149. ALL REPORTS SHALL BE SENT TO THE INSPECTOR OF RECORD, OWNER & THE ARCHITECTBOR ENGINEER IN RESPONSIBLE CHARGE. 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, HOWEVER NUT SHALL BE RETORQUED TO INSTALLATION TORQUE AFTER EQUIPMENT INSTALL. ALSO REFER TO 2019 CBC 1910A.5 "TESTS FOR POST-INSTALLED ANCHORS IN CONCRETE".
 - C. FAILURE/ACCEPTANCE CRITERIA: THE FOLLOWING CRITERIA APPLY FOR THE ACCEPTANCE OF INSTALLED ANCHORS:
 - TORQUE WRENCH METHOD: THE APPLICABLE TEST TORQUE MUST BE REACHED WITHIN THE FOLLOWING LIMITS: WEDGE TYPE: ONE-HALF (1/2) TURN OF THE NUT.
 - D. AVOID DAMAGING (E) STL REINF IN CONC SLAB WHEN INSTALLING CONC EXPANSION ANCHORS.
 - E. PROVIDE FOR FULL THRD ENGAGEMENT OF NUT & WASHER.
- 4. BOLTS THRU CONC ON MTL DECK:
 - A. BOLTS SHALL BE TORQUED BY 3/4 TURN OF THE NUT AFTER SNUG TIGHT CONDITION IS ACHIEVED, UNO. THE SNUG TIGHT CONDITION IS DEFINED AS THE TIGHTNESS REQ TO BRING THE CONNECTED PLIES INTO FIRM CONTACT.
 - B. THRU-BOLT HOLES SHALL BE $\frac{1}{16}$ " LARGER THAN BOLT SIZE (HOLE SIZE = BOLT SIZE + χ_6 "). C. THRU-BOLTS IN CONC SHALL RECEIVE SPECIAL INSPECTION & TESTING IN
 - ACCORDANCE W/ REQUIREMENTS FOR POST-INSTALLED ANCHORS. THRU-BOLTS W/ STL TO STL CONN IN TENSION DO NOT REQUIRE TESTING.

SHEET TITLE: GENERAL NOTES



CYS STRUCTURAL ENGINEERS,	INC.		Job No:	17118
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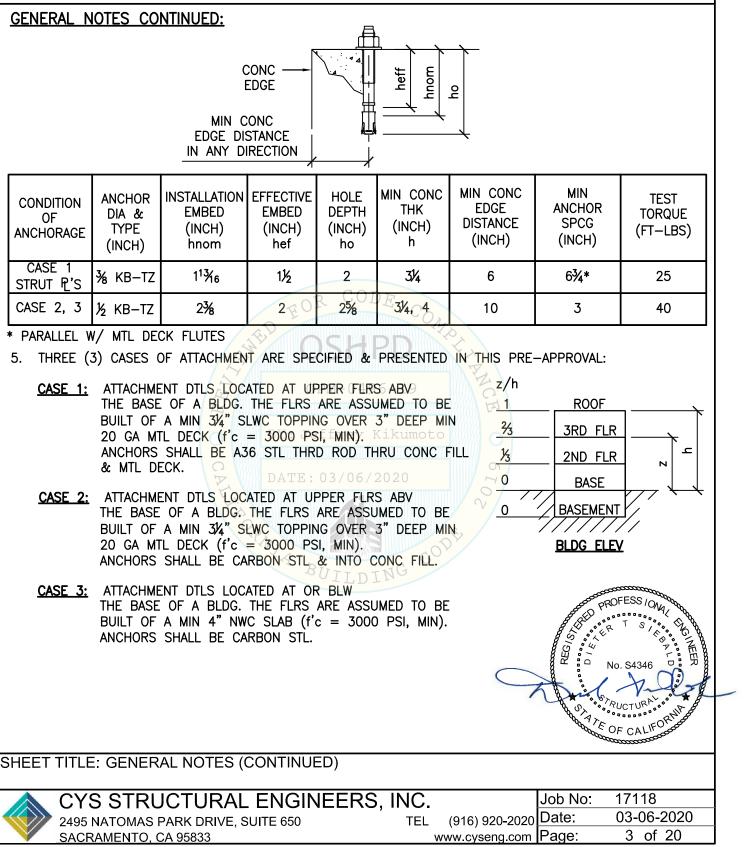
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REG /:

BD Life Sciences - Diagnostic Systems BD Kiestra[™] - BarcodA/InoquIA SYSTEM





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ABBREVIATIONS:						
0	AT	MFR	MANUFACTURER			
ĀB	ANCHOR BOLT	MAX	MAXIMUM			
ABV	ABOVE	MIN	MINIMUM			
ADJ	ADJACENT	mm	MILLIMETER			
AISC	AMERICAN INSTITUTE FOR STEEL	MTL	METAL			
7130	CONSTRUCTION	NO. (#)	NUMBER OR POUNDS			
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS					
ASTM	AMERICAN SOCIETY FOR TESTING	NWC	NORMAL WEIGHT CONCRETE			
ASTM	& MATERIALS	OP	OPERATING			
		OPG	OPENING			
BLDG	BUILDING	OPM	OSHPD PRE-APPROVAL OF			
BLW	BELOW		MANUFACTURER'S CERTIFICATION			
BOTT	BOTTOM	OSHPD	OFFICE OF STATEWIDE HEALTH			
BYD	BEYOND		PLANNING & DEVELOPMENT			
CBC	CALIFORNIA BUILDING CODE	PERP	PERPENDICULAR			
CG	CENTER OF GRAVITY	PG	PAGE			
Æ	CENTERLINE	ዊ	PLATE			
CONC	CONCRETE	PSI	POUNDS PER SQUARE INCH			
CONN	CONNECTION		REINFORCING/REINFORCEMENT			
COORD	COORDINATE	REQ	REQUIRED			
DBL	DOUBLE DIMENSION DETAIL DIAMETER	SEOR	STRUCTURAL ENGINEER OF RECORD			
DIM	DIMENSION					
DTL	DETAIL	SIM				
DIA (Ø)	DIAMETER	SLWC	SAND-LIGHTWEIGHT CONCRETE			
(E)		SPCG	SPACING			
	EXISTING CONDITION	4 SS -19	STAINLESS STEEL			
EA EE		STL	STEEL H			
		THK	THICK/THICKNESS			
ELEV	ELEVATION BY: Jeffre	y Tu ikumot	ANCHORAGE TENSION REACTION DUE TO			
EQ	EQUAL		SEISMIC FORCE AT LRFD			
EQUIP	EQUIPMENT	THRD	THREAD OR THREADED			
EXTR	EXTERIOR DATE: 03/0	6 ∕ T&B 20	TOP & BOTTOM			
f'c	MINIMUM ULTIMATE COMPRESSIVE	TYP	TYPICAL			
	STRENGTH OF CONCRETE	UNO	UNLESS NOTED OTHERWISE			
FLR	FLOOR	Vu	ANCHORAGE SHEAR REACTION DUE TO			
FT (')	FOOT/FEET		SEISMIC FORCE AT LRFD			
Fy	SPECIFIED YIELD STRENGTH OF	W/ C	WITH			
,	REINFORCING, PS OF STEEL, KSI BUIL	DWpIG	COMPONENT OPERATING WEIGHT			
GA	GAUGE	WT	WEIGHT			
HSS	HOLLOW STRUCTURAL SECTION		ROFESS / On the			
ICC	INTERNATIONAL CODE COUNCIL					
IN (")	INCH		A ST ST ST ST ST ST			
INFO	INFORMATION					
KG						
	KILOGRAM		No. S4346			
KSI	KIPS PER SQUARE INCH		the 1 the local			
	POUNDS		A this by DI THE AV A			
LRFD	LOAD AND RESISTANCE FACTOR DESIGN		Way of the second of the secon			
			AND THE OF CALIFORNIA			
			ACCOUNTING TO A			
SHEET T	ITLE: ABBREVIATIONS					
	CYS STRUCTURAL ENGINEE	KS, INC.	Job No: 17118			
	2495 NATOMAS PARK DRIVE, SUITE 650	TEL	(916) 920-2020 Date: 03-06-2020			
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