

APPLICATION FOR OSHPD PREAPPROVAL	OFFICE USE ONLY							
OF MANUFACTURER'S CERTIFICATION (OPM)	APPLICATION #: OPM-0177-13							
OSHPD Preapproval of Manufacturer's Certification (OPM)								
Type: New Renewal Update to Pre-CBC 2013 C	PA Number:							
Manufacturer Information								
Manufacturer: Beckman Coulter								
Manufacturer's Technical Representative: <u>Hendra Tanumihardja</u>								
Mailing Address: 250 S. Kramer Blvd., Brea, CA. 92821-6232								
Telephone: (800) 526-3821 Email: Dhtanu	mihardja@beckman.com							
Product Information	OM S							
Product Name: _PE Aliquoter – PLC OSI / DO								
Product Type: Other Mechanical or Electrical Component 7-13	E							
Product Model Number: PN20								
General Description: Aliquoting Module for Power Express Diagnostic								
Control Decomption:	m i i i i i i i i i i i i i i i i i i i							
E.								
Applicant Information	6.°							
AT I	COBT							
Applicant Company Name: EASE Co.								
Contact Person: Jonathan Roberson, S.E.								
Mailing Address:5877 Pine Ave. Suite 210, Chino Hills, CA. 91709								
	person@EASECo.com							
I hereby agree to reimburse the Office of Statewide Health F accordance with the California Administrative Code, 2013.	namining and Development review rees in							
Signature of Applicant:	Date: 12/17/14							
Title: Principal Engineer Company Name: EASE	Co.							
"Access to Safe, Quality Healthcare Environments that Meet California's Diverse and Dynamic Needs"	os Dpd							
STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY OSH-FD-700 (REV 1/24/13)	Page 1 of 2							
	`							



OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT FACILITIES DEVELOPMENT DIVISION

Registered Design Professional Preparing Engineering Recommendations							
Company Name: EASE Co.							
Name: Jonathan Roberson, S.E. California License Number: S4197							
Mailing Address: _ 5877 Pine Ave. Suite 210, Chino Hills, CA. 91709							
Telephone: _909-606-7667 Email: _J.Roberson@EASECo.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 1950-10 Other* (Please Specify): 							
 *Use of test criteria other than those adopted by the California Building Standards Code, 2013 (CBSC 2013) 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 2013 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 ⊠ Drawings ⊠ Calculations □ Manufacturer's Catalog □ Other(s) (Please Specify):							
OFFICE USE ONLY – OSHPD APPROVAL VALID FOR CBC 2013 ONLY							
Signature: Nell Jack Date: 01/20/2015							
Print Name: William Staehlin							
Title: SSE							
Condition of Approval (if applicable):							
"Access to Safe, Quality Healthcare Environments that Meet California's Diverse and Dynamic Needs"							

Page	2	of	2
raye	2	UI	2

	EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING Office of Statewide Health Planning and Development PREAPPROVAL OF MANUFACTURER'S CERTIFICATION OPM-0177-13 THIS PREAPPROVAL CONFORMS TO THE 2013 CALIFORNIA BUILDING CODE	5877 Pine Ave, Ste. 210 Chino Hills, CA. 91709 Phn: (909) 606-7622
	ANUFACTURER: BECKMAN COULTER DUIPMENT NAME: PE ALIQUOTER	Sheet: <u>1 of 8</u> Date: 1/6/15
G	ENERAL NOTES	
	THIS OSHPD PREAPPROVAL OF MANUFACTURER'S CERTIFICATION (OPM) IS BASED ON THE 2013 CBC. THE DEM. (DESIGN FORCES) FOR USE WITH THIS OPM SHALL BE BASED ON THE 2013 CBC.	ANDS
2.	THIS DOCUMENT MAY ONLY BE USED WITH THE EXPRESS WRITTEN CONSENT OF THE MANUFACTURER LISTED SPECIFIC PROJECT SITE AND INSTALLATION LOCATION. THIS DOCUMENT IS INVALID WITHOUT SUCH CONSENT.	ABOVE FOR THE
3.	THIS PREAPPROVAL CONFORMS TO THE 2013 CALIFORNIA BUILDING CODE WHERE SDS IS NOT GREATER THAN SEE DETAIL FOR APPLICABILITY	2.20.
4.	FORCES PER ASCE 7-10 SECTION 13.3.1, EQUATIONS 13.3-1, 13.3-2 & 13.3-3, WHERE SDS = 2.20, $a_p = 1.0$, $l_p = 1.5$, $R_p = 1.5$, $z/h = 0$ AT CONCRETE SLAB & $z/h \le 1$ AT CONCRETE SLAB ON METAL SEE FOLLOWING SHEETS FOR Ω_0	DECK.
5. 6.	5 UNIDATE: 01/2072015 5 5 5	
7.	CONCRETE SLAB ON METAL DECK DETAIL VALID FOR DEMANDS SHOWN AT ANY ELEVATION IN THE BUILDING. (i.	
8.	CONCRETE SLAB ON GRADE DETAIL VALID FOR DEMANDS SHOWN AT ANY ELEVATION BELOW GRADE. (i.e. z/h <	0)
9.	RESPONSIBILITIES OF THE STRUCTURAL ENGINEER OF RECORD OF THE BUILDING	
	A. PROVIDE SUPPORTING STRUCTURE TO SUPPORT WEIGHTS AND FORCES SHOWN IN ADDITION TO ALL OTH	IER LOADS.
	B. VERIFY THAT THE INSTALLATION IS IN CONFORMANCE WITH THE 2013 CBC AND WITH THE DETAILS, MATERIAL AND GAGE OF THE UNIT WHERE ATTACHMENTS ARE MADE AGREE WITH THE INFORMATION SHOW PREAPPROVAL DOCUMENTS.	WN ON THE
	C. VERIFY THAT PROJECT SPECIFIC VALUES OF SDS & z/h RESULT IN SEISMIC FORCES (Eh, Ev) THAT DO NOT EXCEED THE VALUES ON THE DETAILS.	
	D. VERIFY THAT THE CONCRETE SLAB TO WHICH THE EQUIPMENT IS ANCHORED MEETS THE REQUIREMENTS OF THE APPLICABLE ICC ESR.	
	E. VERIFY THAT THE ANCHORS ARE AN ADEQUATE DISTANCE FROM ANY SLAB EDGES OR OPENINGS (SEE TYPICAL DETAIL ON SHEET 2).	HAN ROB
		No. 4197 XP. 6-30-2016 V/6/15 PUCIVER

CA¹

ŀ OF

	15					EQUI	PMEN1	ANCH			CENGINEERIN ntAnchorage.co	
	\mathcal{I}_{j}	BE	СКМ	IAN COL	JLTEF	2		DES.	J. ROBE	RSON		
						_		јов	NO. 11-1	416	Ζ	
			PE /	ALIQUOT	rer 🔤			DATE	: 1/6 /	/15	of 8 shee	'S
		N ANCHO										
A.				DE WITH THE AN CC REPORT.	CHORS LIS	TED BEL(ow and i	NSTALLED	AS DESCR	IBED		
	Anchor Diameter	Concrete Type	Min. f'c (psi)	Anchor Type	ICC Report No.	Min. Embed.	Min. Spacing	Min. Edge Dist.	Min. Conc. Thickness	Torque Test	Direct Tension	
	3/8"	Sand Light Weight	3000	Hilti Kwik Bolt TZ	ESR-1917	2"	N/A	N/A	See Sheet 7 of 8	25 FT-LB	1186 lb	
	1/2"	Normal Weight	3000	Hilti Kwik Bolt TZ	ESR-1917	2"	4"	9"	4"	40 FT-LB	1338 lb	
В.	THIS P	REAPPROV	AL ALLO\	WS FOR UP TO A	MAXIMUM C)F 2 ADJA	CENT					
				9" AWAY MINIMUM MINIMUM ALLOW/					- 9 (MI	" <u>SP</u>		
	TESTIN INSPEC SUBMI (i) AF DIF TH (ii) AC	NG SHALL BI CTOR AND A TTED TO OS TER AT LEA RECT PULL T E ANCHORS CEPTANCE DIRECT TE OBSERVAN TO DETER BECOMES TORQUE T WITHIN TH NUT	E DONE I A REPOR SHPD ST 24 HC FENSION CRITERIA SNSION T BLE MOV MINE OB LOOSE. EST: THE E FOLLO	DURS HAVE ELAPS	E OF THE SP ESULTS SHA SED SINCE E TEST AT I OR SHOULD EST LOAD. A MENT IS TH RQUE MUS EDGE TYPE	PECIAL ALL BE INSTALL/ LEAST 50 HAVE NO A PRACTI IAT THE N	ATION, 1% OF 2015 ICAL WAY WASHER				BOLT SPACING	
11. BOL	TS THRO	OUGH CONC	RETE ON	N METAL DECK								
<u>А</u> .	tight Requi	(THE SNUG RED TO BRI	TIGHT C	D BY 3/4 TURN OF ONDITION IS DEF CONNECTED PLIE JNLESS OTHERW	INED AS TH	E TIGHTI M CONTA	NESS					
B.				IALL BE 1/16" LAR 1/16) FOR CONCR		BOLT SIZ	Έ		>	Quality		
C.	AND TI TENSK	ESTING (THE ON DO NOT	rough e Require	RETE SHALL REC BOLTS WITH STEE E TENSION TESTII F-INSTALLED ANC	EL TO STEEL NG) IN ACCO		CTION IN				No. 4197 XP. 6-30-2016 <i>I/6/I5</i> <i>PUC I URP</i> <i>OF CAL IFORM</i>	











