

APPLICATION FOR OSHPD PREAPPROVAL OFFICE USE ONLY
OF MANUFACTURER'S CERTIFICATION (OPM) APPLICATION #: OPM-0172-13
OSHPD Preapproval of Manufacturer's Certification (OPM)
Type:          \[             New         \[             Renewal         \[             Update to Pre-CBC 2013 OPA Number:         \[          \]         \[             Log and a state of the pre-CBC 2013 OPA Number:         \[             Log and a state of the pre-CBC 2013 OPA Number:         \[             Log and a state of the pre-CBC 2013 OPA Number:         \[             Log and a state of the pre-CBC 2013 OPA Number:         \[             Log and a state of the pre-CBC 2013 OPA Number:         \[             Log and a state of the pre-CBC 2013 OPA Number:         \[             Log and a state of the pre-CBC 2013 OPA Number:         \[             Log and a state of the pre-CBC 2013 OPA Number:         \[             Log and a state of the pre-CBC 2013 OPA Number:         \[             Log and a state of the pre-CBC 2013 OPA Number:         \[             Log and a state of the pre-CBC 2013 OPA Number:         \[             Log and a state of the pre-CBC 2013 OPA Number:         \[             Log and a state of the pre-CBC 2013 OPA Number:         \[             Log and a state of the pre-CBC 2013 OPA Number:         \[             Log and a state of the pre-CBC 2013 OPA Number:         \[             Log and a state of the pre-CBC 2013 OPA Number:         \[             Log and a state of the pre-CBC 2013 OPA Number:         \[             Log and a state of the pre-CBC 2013 OPA Number:         \[             Log and a state of the pre-CBC 2013 OPA Number:             Log and a state of the pre-CBC 2013 OPA Number:             Log and a state of the pre-CBC 2013 OPA Number:             Log and a state of the pre-CBC 2013 OPA Number:             Log and a state of the pre-CBC 2013 OPA Number:             Log and a state of the pre-CBC 2013 OPA Number:             Log and a state of the pre-CBC 2013 OPA Number:             Log and a state of the pre-CBC 2013 OPA Number:             Log and the pre-CBC 2013 OPA Number:             Log and the pre-
Manufacturer Information
Manufacturer: Beckman Coulter
Manufacturer's Technical Representative: Hendra Tanumihardja
Mailing Address: 250 S. Kramer Blvd., Brea, CA. 92821-6232
Telephone: (800) 526-3821 Email: Dhtanumihardja@beckman.com
Product Information
Product Name: PE Labeler – PLC
Product Type: Other Mechanical or Electrical Component 2-13
Product Model Number: PP20
General Description:Tube Labeler Module for Power Express Diagnostics Lab Automation System
$\frac{\Omega}{M}$ DATE: 01/20/2015
E
Applicant Information
Applicant Company Name: EASE Co.
Contact Person: Jonathan Roberson, S.E.
Mailing Address:5877 Pine Ave. Suite 210, Chino Hills, CA. 91709
Telephone: _ (909) 606-7622 Email: _ J.Roberson@EASECo.com
I hereby agree to reimburse the Office of Statewide Health Planning and Development review fees in
accordance with the California Administrative Code, 2013.
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"
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: <u>J.Roberson@EASECo.com</u>
OSHPD Special Seismic Certification Preapproval (OSP)
<ul> <li>Special Seismic Certification is preapproved under OSP- (Separate application for OSP is required)</li> <li>Special Seismic Certification is not preapproved</li> </ul>
Certification Method(s)
<ul> <li>Testing in accordance with: ICC-ES AC156 FM 1950-10</li> <li>Other* (Please Specify):</li> </ul>
B OS JOG
<ul> <li>*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.</li> <li>Analysis</li> <li>Experience Data</li> <li>Combination of Testing, Analysis, and/or Experience Data</li> </ul>
List of Attachments Supporting the Manufacturer's Certification
Test Report       Image: Drawings       Image: Calculations       Image: Manufacturer's Catalog         Image: Other(s)       (Please Specify):       Image: Manufacturer's Catalog
OFFICE USE ONLY – OSHPD APPROVAL VALID FOR CBC 2013 ONLY
Signature: Nel 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" STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY

	Contraction of the set	
MANUFACTURER: EQUIPMENT NAME		Sheet: <u>1 of 8</u> Date: 1/6/15
<ul> <li>(DESIGN FORCE</li> <li>2. THIS DOCUME SPECIFIC PRO</li> <li>3. THIS PREAPPE</li> <li>4. FORCES PER CONCRETE SL</li> <li>5. THIS PREAPPE</li> <li>6. ALL DESIGN FE</li> <li>7. CONCRETE SL</li> <li>8. CONCRETE SL</li> <li>8. CONCRETE SL</li> <li>9. RESPONSIB</li> <li>A. PROVIDE</li> <li>B. VERIFY TH MATERIAL PREAPPRO</li> <li>C. VERIFY TH EXCEED T</li> <li>D. VERIFY TH REQUIREM</li> <li>E. VERIFY TH EDGES OF</li> <li>F. VERIFY TH UNIT ATTA</li> </ul>	ES PREAPPROVAL OF MANUFACTURER'S CERTIFICATION (OPM) IS BASED ON THE 2012 2ES) FOR USE WITH THIS OPM SHALL BE BASED ON THE 2013 CBC. INT MAY ONLY BE USED WITH THE EXPRESS WRITTEN CONSENT OF THE MANUFA DECT SITE AND INSTALLATION LOCATION. THIS DOCUMENT IS INVALID WITHOUT S ROVAL CONFORMS TO THE 2013 CALIFORNIA BUILDING CODE WHERE SDS IS NOT ASCE 7-10 SECTION 13.3.1, EQUATIONS 13.3-1, 13.3-2 & 13.3-3, WHERE SDS = 2.2, LAB & z/h < 1 AT CONCRETE SLAB ON METAL DECK. SEE FOLLOWING SHEETS FOR ROVAL COVERS ONLY THE SUPPORTS AND ATTACHMENTS OF THE EQUIPMENT TH ORCES SHOWN ON THE DRAWINGS ARE FACTORED LOADS THAT SHALL BE USED LAB ON METAL DECK DETAIL VALID FOR DEMANDS SHOWN AT ANY ELEVATION IN LAB ON GRADE DETAIL VALID FOR DEMANDS SHOWN AT ANY ELEVATION BELOW OF BUILTIES OF THE STRUCTURE TO SUPPORT WEIGHTS AND FORCES SHOWN IN ADDI HAT THE INSTALLATION IS IN CONFORMANCE WITH THE 2013 CBC AND WITH THE 10 SUPPORTING STRUCTURE TO SUPPORT WEIGHTS AND FORCES SHOWN IN ADDI HAT THE INSTALLATION IS IN CONFORMANCE WITH THE 2013 CBC AND WITH THE 10 FOULD COMMENTS. HAT PROJECT SPECIFIC VALUES OF SDS & z/h RESULT IN SEISMIC FORCES (Eh, Ev) HE VALUES ON THE DETAILS. HAT THE CONCRETE SLAB TO WHICH THE EQUIPMENT IS ANCHORED MEETS THE MENTS OF THE APPLICABLE ICC ESR. HAT THE ANCHORS ARE AN ADEQUATE DISTANCE FROM ANY SLAB R OPENINGS (SEE TYPICAL DETAIL ON SHEET 2). HAT ALL NEW OR EXISTING ANCHORS ARE AN ADEQUATE DISTANCE FROM THE ACHMENTS AND CHECK FOR INTERACTION WHERE OTHER ANCHORS ARE WITHIN AFF ROM THIS UNIT'S ANCHORS.	ACTURER LISTED ABOVE FOR THE SUCH CONSENT. GREATER THAN 2.2. $a_p = 1.0$ , $ _p = 1.5$ , $R_p = 1.5$ , $z/h = 0$ AT $\Omega_0$ O THE STRUCTURE. O THE STRUCTURE. O FOR STRENGTH DESIGN. THE BUILDING. (i.e. $z/h \le 1$ ) GRADE. (i.e. $z/h \le 0$ ) DING TION TO ALL OTHER LOADS. DETAILS, FORMATION SHOWN ON THE O THAT DO NOT HE
EQUIPMENT NAME GENERAL NOT 1. THIS OSHPD P (DESIGN FORC 2. THIS DOCUME SPECIFIC PRO 3. THIS PREAPPE 4. FORCES PER CONCRETE SL 5. THIS PREAPPE 6. ALL DESIGN F 7. CONCRETE SL 8. CONCRETE SL 8. CONCRETE SL 8. CONCRETE SL 9. RESPONSIB A. PROVIDE B. VERIFY TH MATERIAL PREAPPRO C. VERIFY TH EXCEED T D. VERIFY TH EDGES OF F. VERIFY TH UNIT ATTA	E: PELABELER ES PREAPPROVAL OF MANUFACTURER'S CERTIFICATION (OPM) IS BASED ON THE 2017 CES) FOR USE WITH THIS OPM SHALL BE BASED ON THE 2013 CBC ENT MAY ONLY BE USED WITH THE EXPRESS WRITTEN CONSENT OF THE MANUFA DIECT SITE AND INSTALLATION LOCATION. THIS DOCUMENT IS INVALID WITHOUT S ROVAL CONFORMS TO THE 2013 CALIFORNIA BUILDING CODE WHERE SDS IS NOT ASCE 7-10 SECTION 13.3.1, EQUATIONS 13.3-1, 13.3-2 & 13.3-3, WHERE SDS = 2.2, AB & z/h < 1 AT CONCRETE SLAB ON METAL DECK. SEE FOLLOWING SHEETS FOR ROVAL COVERS ONLY THE SUPPORTS AND ATTACHMENTS OF THE EQUIPMENT TO ORCES SHOWN ON THE DRAWINGS ARE FACTORED LOADS THAT SHALL BE USED AB ON METAL DECK DETAL VALID FOR DEMANDS SHOWN AT ANY ELEVATION BELOW OF BUPPORTING STRUCTURE TO SUPPORT WEIGHTS AND FORCES SHOWN IN ADDI FAT THE INSTALLATION IS IN CONFORMANCE WITH THE 2013 CBC AND WITH THE INF OVAL DOCUMENTS. HAT PROJECT SPECIFIC VALUES OF SDS & z/h RESULT IN SEISMIC FORCES (Eh, Ev) THE VALUES ON THE DETAILS. HAT THE CONCRETE SLAB TO WHICH THE EQUIPMENT IS ANCHORED MEETS THE MENTS OF THE APPLICABLE ICC ESR. HAT THE ANCHORS ARE AN ADEQUATE DISTANCE FROM ANY SLAB R OPENINGS (SEE TYPICAL DETAIL ON SHEET 2). HAT ALL NEW OR EXISTING ANCHORS ARE AN ADEQUATE DISTANCE FROM THE COMMENTS AND CHECK FOR INTERACTION WHERE OTHER ANCHORS ARE WITHING ALL NEW OR EXISTING ANCHORS ARE AN ADEQUATE DISTANCE FROM THE COMMENTS AND CHECK FOR INTERACTION WHERE OTHER ANCHORS ARE WITHING AT ALL NEW OR EXISTING ANCHORS ARE AN ADEQUATE DISTANCE FROM THE COMMENTS AND CHECK FOR INTERACTION WHERE OTHER ANCHORS ARE WITHING HAT ALL NEW OR EXISTING ANCHORS ARE AN ADEQUATE DISTANCE FROM THE COMMENTS AND CHECK FOR INTERACTION WHERE OTHER ANCHORS ARE WITHING HE ANCHORS ARE AN ADEQUATE DISTANCE FROM THE ANCHORS ARE WITHING HE ANCHORS ARE AN ADEQUATE DISTANCE FROM THE ANCHORS ARE WITHING HE ANCHORS ARE AN ADEQUATE DISTANCE FROM ANY SLAB ROPENINGS (SEE TYPICAL DETAIL ON SHEET 2). HAT ALL NEW OR EXISTING ANCHORS ARE AN ADEQUATE DISTANCE FROM THE COMMENTS AND CHECK FOR INTERACT	Date: $1/6/15$ A3 CBC. THE DEMANDS ACTURER LISTED ABOVE FOR THE SUCH CONSENT. GREATER THAN 2.2. $a_p = 1.0$ , $ _p = 1.5$ , $R_p = 1.5$ , $z/h = 0$ AT $a_0$ 0 THE STRUCTURE. 0 FOR STRENGTH DESIGN. THE BUILDING. (i.e. $z/h \le 1$ ) GRADE. (i.e. $z/h \le 0$ ) DING TION TO ALL OTHER LOADS. DETAILS, FORMATION SHOWN ON THE 1 THAT DO NOT HE

<u>AS</u>					EQUI	PMENI				<b>IC ENGINEERI</b> ntAnchorage.
	BE	CKN	AN COL	JLTEI	R		DES.	J. ROBE	ERSON	
							јов	i no. 11-1	1416	Z
		PE	PE LABELER				DATE	re <b>1/6/</b>	15	of 8 she
	ION ANCHO									
	ACHMENT IS T IE CORRESPO		ADE WITH THE AN ICC REPORT.	CHORS LIST	TED BELC	JW AND I	NSTALLED	) AS DESCR	IBED	
Anchor Diameter	er Type	Min. fc (psi)	Anchor Type	ICC Report No.	Min. Embed.	Min. Spacing	Min. Edge Dist.		Torque Test	Direct Tension
3/8"	Light Weight	3000	Hilti Kwik Bolt TZ	ESR-1917	2"	N/A	N/A	See Sheet 7 of 8	25 FT-LB	1186 lb
3/8"	Normal Weight	3000	Hilti Kwik Bolt TZ	ESR-1917	2"	3"	9"	4"	25 FT-LB	1204 lb
CONC ADJA EDGE C. TEST	CRETE SLAB ACENT DETAIL E DISTANCES TING OF EXPA	EDGES, 9 IL FOR AD 5. ANSION A	WS FOR UP TO A 1 9" AWAY MINIMUM DDITIONAL MINIMU ANCHORS PER 201	M (i.e CORNUM ALLOWAN	NER). SE BLE CON 3A.7:	E	D MAR I	4" (MIN)	) SP -	I3.5" (MIN)
INSPI SUBN (i) A	ECTOR AND A MITTED TO OS AFTER AT LEA	A REPOR <sup>-</sup> SHPD AST 24 HC	IN THE PRESENCE	SED SINCE I	IALL BE 3	ATION,	SP q <sup>*</sup>	AMANCE	<mark> </mark>	
т	THE ANCHORS	S.		JE TEST AT L				C		
(II) A	OBSERVA	ENSION T ABLE MOV RMINE OB	TEST: THE ANCHO VEMENT AT THE TI 3SERVABLE MOVE	OR SHOULD TEST LOAD. /	HAVE NO	0 Tical Way	A 13.5"	L O WILLI	SP = B	BOLT SPACING
	• TORQUE T	TEST: THE	IE APPLICABLE TO DWING LIMITS: WE					<u>TYPICAL</u>	<u>CONCRETE</u>	EDGE DETAIL
• • •			, TEST ALL ANCHO	JRS.						
			N METAL DECK							
TIGH REQU CONI	IT (THE SNUG UIRED TO BRI DITION IS ACH	G-TIGHT C RING THE ( HIEVED, L	D BY 3/4 TURN OF CONDITION IS DEF CONNECTED PLIE UNLESS OTHERW	FINED AS THES INTO FIRM	HE TIGHTN M CONTA	NESS ACT)			ا م	
			HALL BE 1/16" LAR 1/16) FOR CONCR		BOLT SIZ	E		$\left( \right)$	Quatha	AUTE JOAN
AND TENS	TESTING (THI SION DO NOT	irough e Trequire	CRETE SHALL REC BOLTS WITH STEE E TENSION TESTII T-INSTALLED ANC	el to steel Ing) in acco		ECTION IN				No. 4197 XP. 6-30-2016

CA1

OF











