

# OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT FACILITIES DEVELOPMENT DIVISION

# APPLICATION FOR OSHPD PREAPPROVAL OF **MANUFACTURER'S CERTIFICATION (OPM)**

OFFICE USE ONLY

APPLICATION #: OPM-0158

Туре:	New	X	Renewal/L

X Renewal/Update

**OSHPD** Preapproval of Manufacturer's Certification (OPM)

## Manufacturer Information

Manufacturer: IPA, LLC.

Manufacturer's Technical Representative: Kyle Joiner

Mailing Address: 3059 Premiere Parkway, Suite 200, Duluth, GA 30097

Telephone: (888) 200-4797

Email: kjoiner@thinkipa.com

#### **Product Information**

Product Name: scrubEx LV RECEIVER

Product Type: Other mechanical components constructed of high-deformability materials

Product Model Number: N/A

General Description: Receives dirty scrub suits from authorized users

## **Applicant Information**

Applicant Company Name: EASE LLC.

Contact Person: Tiffany Tonn

Mailing Address: 1515 FAIRVIEW AVE, STE 205, MISSOULA, MT 59801

Telephone: (406) 541-3273

Email: tiffany@easeco.com

Title: Office Manager

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

STATE OF CALIFORNIA - HEALTH AND HUMAN SERVICES AGENCY

OSHP



# OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT FACILITIES DEVELOPMENT DIVISION

Registered Design Professonal Pr	eparing Engineering R	ecommendations				
Company Name: EASE						
Name: Jonathan Roberson	Ca	California License Number: S4197				
Mailing Address: 5877 Pine Ave., Suite	210, Chino Hills, CA 9170	9				
Telephone: (951) 295-1892	ASECo.com					
<b>OSHPD Special Seismic Certificat</b>	ion Preapproval (OSP)					
Special Seismic Certification is prea	approved under OSP	OSP Number:				
	OR GO	DE				
Certification Method	EOI	COL				
Testing in accordance with:	-ES AC156 FM 19	950-16				
Other(s) (Please Specify):		The second secon				
*Use of criteria other than those adopted	by the California Building	Standards Code, 2019 (CBSC 2019) for component supports				

\*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.

X Analysis	
Experience Data	DATE: 09/13/2021
Combination of Testing, Analysis, and	
	PANTA CODE
OSHPD Approval	BUILDING
Date: 9/13/2021	
Name: Kamalpreet Kalsi	Title: Senior Structural Engineer
Condition of Approval (if applicable):	



	EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING Office of Statewide Health Planning and Development PREAPPROVAL OF MANUFACTURER'S CERTIFICATION OPM-0158 THIS PREAPPROVAL CONFORMS TO THE 2019 CALIFORNIA BUILDING CODE	5877 Pine Ave, Ste. 210 Chino Hills, CA. 91709 Phn: (909) 606-7622
	JFACTURER: IPA, LLC PMENT NAME: SCRUBEX LV RECEIVER	Sheet: <u>1 of 9</u> Date: 9/7/21
G	ENERAL NOTES	
1.	THIS OSHPD PREAPPROVAL OF MANUFACTURER'S CERTIFICATION (OPM) IS BASED ON THE 2019 CBC. THE (DESIGN FORCES) FOR USE WITH THIS OPM SHALL, BE BASED ON THE 2019 CBC	DEMANDS
2.	THIS DOCUMENT MAY ONLY BE USED WITH THE EXPRESS WRITTEN CONSENT OF THE MANUFACTURER LIS SPECIFIC PROJECT SITE AND INSTALLATION LOCATION. THIS DOCUMENT IS INVALID WITHOUT SUCH CONS	
3.	THIS PREAPPROVAL CONFORMS TO THE 2019 CALIFORNIA BUILDING CODE WHERE SDS IS NOT GREATER TH	
	FORCES PER ASCE 7-16 SECTION 13:3.1, EQUATIONS 13:3-1, 13:3-2 & 13:3-3,	
	WHERE SDS = 2.30, $a_p = 1.0$ , $I_p = 1.5$ , $R_p = 2.5$ , $z/h = 0$ AT CONCRETE SLAB, $z/h \le 1$ AT CONCRETE SLAB ON MET	TAL DECK.
	SEE FOLLOWING SHEETS FOR D. BY: Kamalpreet Kalsi	
5.	THIS PREAPPROVAL COVERS ONLY THE SUPPORTS AND ATTACHMENTS OF THE EQUIPMENT TO THE STRU	
6. 7	ALL DESIGN FORCES SHOWN ON THE DRAWINGS ARE FACTORED LOADS THAT SHALL BE USED FOR STREN	NGTH DESIGN.
7. 8.		NG (ie z/b<1)
-	CONCRETE SLAB DETAIL VALID FOR DEMANDS SHOWN AT ANY ELEVATION IN THE BOILDIN CONCRETE SLAB DETAIL VALID FOR DEMANDS SHOWN AT OR BELOW GRADE. (i.e. z/h = 0)	<b>10</b> . (i.e. 2/i1 <u>&gt;</u> 1)
	. RESPONSIBILITIES OF THE STRUCTURAL ENGINEER OF RECORD OF THE BUILDING	
10,		
	A. PROVIDE SUPPORTING STRUCTURE TO SUPPORT WEIGHTS AND FORCES SHOWN IN ADDITION TO ALL	OTHER LOADS.
	B. VERIFY THAT THE INSTALLATION IS IN CONFORMANCE WITH THE 2019 CBC AND WITH THE DETAILS, MATERIAL AND GAGE OF THE UNIT WHERE ATTACHMENTS ARE MADE AGREE WITH THE INFORMATION PREAPPROVAL DOCUMENTS.	SHOWN ON THE
	C. VERIFY THAT PROJECT SPECIFIC VALUES OF SDS & z/h RESULT IN SEISMIC FORCES (Eh, Ev ) THAT DO NE EXCEED THE VALUES ON THE DETAILS.	ОТ
	D. VERIFY THAT THE CONCRETE SLAB TO WHICH THE EQUIPMENT IS ANCHORED MEETS THE REQUIREMENTS OF THE APPLICABLE ICC ESR AND THIS OPM.	
	E. VERIFY THAT THE ANCHORS ARE AN ADEQUATE DISTANCE FROM ANY SLAB EDGES OR OPENINGS (SEE TYPICAL DETAIL ON SHEET 2).	HAN ROB
	F. VERIFY THAT ALL NEW OR EXISTING ANCHORS ARE AN ADEQUATE DISTANCE FROM THE UNIT ATTACHMENTS AND CHECK FOR INTERACTION WHERE OTHER ANCHORS ARE WITHIN 18" OR 6hef FROM THIS UNIT'S ANCHORS.	No. 4197 EXP. 6-30-2022 9/17/21 OF CALLFORM

		15					EQUIP	MENT	ANCHO			I <b>C ENGINI</b> n t A n c h o r á	
7						DES.	DE8. J. ROBERSON			SHEET			
						JOB NO	a <b>11-2</b> 1	14	2				
	SCRUDEX LV RECEIVER								of 9 sheets				
11.	<ul> <li>11. EXPANSION ANCHORS:</li> <li>A. ATTACHMENT IS TO BE MADE WITH THE ANCHORS LISTED BELOW AND INSTALLED AS DESCRIBED IN THE CORRESPONDING ICC REPORT.</li> </ul>												
		Anchor iameter	Concrete Type	Min. f'c (psi)	Anchor Type	ICC Report No.	Min. Embed.	Min. Spacing	Min. Edge Dist.	Min. Conc. Thickness	Torque Test	Direct T	ension
		3/8"	Sand Light Weight	3000	Hilti Kwik Bolt TZ2	ESR-4266	2"	6.75"	12"	See Detail "A"	30 FT-LE	3 N/	/A
		1/2"	Normal Weight	3000	Hilti Kwik Bolt TZ2	ESR-4266	3-1/4"	12"	26"	6"	50 FT-LE	3 332	5 lb
		5/8"	Normal Weight	3000	Hilti Kwik Bolt TZ2	ESR-4266	4"	11"	26"	6"	40 FT-LE	3 435	0 lb
10	CONCRETE SLAB EDGES, 26" AWAY MINIMUM (i.e. CORNER). SEE ADJACENT DETAIL FOR ADDITIONAL MINIMUM ALLOWABLE CONCRETE EDGE DISTANCES. C. TESTING AND SPECIAL INSPECTION OF EXPANSION ANCHORS SHALL BE PERFORMED BY AN APPROVED INDEPENDENT AGENCY 0158 EMPLOYED BY THE FACILITY OWNER PER CBC 1704A & 1910A.5 AND CAC 7-149. ALL REPORTS SHALL BE SENT TO THE INSPECTOR OF RECORD, OWNER AND THE ARCHITECT OR ENGINEER IN RESPONSIBLE CHARGE. (i) AFTER AT LEAST 24 HOURS HAVE ELAPSED SINCE INSTALLATION, DIRECT PULL TENSION TEST AT LEAST 50% OF THE ANCHORS. (ii) ACCEPTANCE CRITERIA: • DIRECT TENSION TEST: THE ANCHOR SHOULD HAVE NO OBSERVABLE MOVEMENT AT THE TEST LOAD. A PRACTICAL WAY TO DETERMINE OBSERVABLE MOVEMENT IS THAT THE WASHER BECOMES LOOSE. • TORQUE TEST: THE APPLICABLE TORQUE MUST BE ACHIEVED WITHIN THE FOLLOWING LIMITS: WEDGE TYPE: 1/2 TURN OF THE NUT (iii) IF ANY ANCHOR FAILS, TEST ALL ANCHORS.												
	<ul> <li>12. BOLTS THROUGH CONCRETE ON METAL DECK</li> <li>A. BOLTS SHALL BE TORQUED BY 3/4 TURN OF THE NUTS AFTER THE SNUG TIGHT (THE SNUG-TIGHT CONDITION IS DEFINED AS THE TIGHTNESS REQUIRED TO BRING THE CONNECTED PLIES INTO FIRM CONTACT) CONDITION IS ACHIEVED, UNLESS OTHERWISE NOTED.</li> <li>B. THROUGH BOLT HOLES SHALL BE 1/16" LARGER THAN BOLT SIZE (HOLE SIZE = BOLT SIZE + 1/16) FOR CONCRETE.</li> <li>C. THROUGH-BOLTS IN CONCRETE SHALL RECEIVE SPECIAL INSPECTION AND TESTING (THROUGH BOLTS WITH STEEL TO STEEL CONNECTION IN TENSION DO NOT REQUIRE TENSION TESTING) IN ACCORDANCE WITH REQUIREMENTS FOR POST-INSTALLED ANCHORS.</li> </ul>									Store K			













