

DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION FACILITIES DEVELOPMENT DIVISION

APPLICATION FOR HCAI PREAPPROVAL OF MANUFACTURER'S CERTIFICATION (OPM)

OFFICE USE ONLY

APPLICATION #: OPM-0050

НС	Al Preapproval o	f Manufacturer's	Certification	(OPM)

Type: New X Renewal/Update

Manufacturer Information

Manufacturer: Cenorin

Manufacturer's Technical Representative: Jenette Bennett

Mailing Address: 6324 S. 199th Place, Suite 107, Kent, WA 98032

Telephone: (800) 426-1042

Email: jbennett@cenorin.com

Product Information

Product Name: Thermasure Dryers	OPM-0050	
Product Type: Other mechanical or electrica	al components	
Product Model Number: 130, 340 and 1000	BY: Mohammad Aliaari	
General Description: Floor Mounted Drying S	Systems	
R	DATE: 04/2/12022	
Applicant Information		
Applicant Company Name: EASE LLC.	NIA OV	
Contact Person: Tiffany Tonn	BUILDING	
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





DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION FACILITIES DEVELOPMENT DIVISION

Registered Design Professonal Preparing Engineering Recommendations

Company Name: EASE						
Name: Jonathan Roberson	California License Number: S4197					
Mailing Address: 5877 Pine Ave., Suite 210, Chino Hills, CA 91709						
Telephone: (951) 295-1892	Email: jon@EASECo.com					

HCAI Special Seismic Certification Preapproval (OSP)								
Special Seismic Certification is preapproved under OSP OSP Number:								
FOR CODE COL								
Certification Method								
Testing in accordance with: ICC-ES AC156 FM 1950-16								
Other(s) (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 HCAI prior to testing.								
X Analysis								
Experience Data								
Combination of Testing, Analysis, and/or Experience Data (Please Specify):								
CRN12 CODE								
HCAI Approval								
Date: 4/27/2022								
Name: Mohammad Aliaari Title: Senior Structural Engineer								
Condition of Approval (if applicable):								



FOURMENT ANCHORAGE 5877 Pine Ave, Ste. 210 Chino Hills, CA. 91709 Phn: (909) 606-7622 The Department of Health Care Access and Information PREAPPROVAL OF MANUFACTURER'S CERTIFICATION OPM-0050 Phil Preapproval Conforms to The 2019 California Building code							
	ANUFACTURER: CENORIN QUIPMENT NAME: THERMASURE 130, 3	00 AND 1000 SERIES DRYERS	Sheet: <u>1 of 8</u> Date: 4/25/22				
GE	ENERAL NOTES						
1.	THIS HCAI PREAPPROVAL OF MANUFACTURER'S CE (DESIGN FORCES) FOR USE WITH THIS OPM SHALL E		THE DEMANDS				
2.							
3.	. THIS PREAPPROVAL CONFORMS TO THE 2019 CALIFORNIA BUILDING CODE WHERE SDS IS NOT GREATER THAN 2.00 & 2.10. SEE DETAIL FOR APPLICABILITY						
4.	FORCES PER ASCE 7-16 SECTION 13.3.1, EQUATIONS WHERE SDS = 2.10, $a_p = 1.0$, $I_p = 1.5$, $R_p = 1.5$, $z/h = 0$ A)R O				
	WHERE SDS = 2.10, $a_p = 1.0$, $I_p = 1.5$, $R_p = 1.5$, $z/h < 1$ A						
5.							
6.	ALL DESIGN FORCES SHOWN ON THE DRAWINGS AF	RE FACTORED LOADS THAT SHALL BE USED FOR	STRENGTH DESIGN.				
7.	CONCRETE SLAB ON METAL DECK DETAIL VALID FO		BUILDING. (i.e. z/h <u><</u> 1)				
8.	. CONCRETE SLAB DETAIL VALID FOR DEMANDS SHO	NN AT OR BELOW GRADE. (i.e. z/h = 0)					
9.	RESPONSIBILITIES OF THE STRUCTURAL E	NGINEER OF RECORD OF THE BUILDING					
	A. PROVIDE SUPPORTING STRUCTURE TO SUPPO	RT 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 SHOWN ON THE PREAPPROVAL DOCUMENTS.						
	C. VERIFY THAT PROJECT SPECIFIC VALUES OF SD EXCEED THE VALUES ON THE DETAILS.	S & z/h RESULT IN SEISMIC FORCES (Eh, Ev) THAT	T DO NOT				
	D. VERIFY THAT THE CONCRETE SLAB TO WHICH REQUIREMENTS OF THE APPLICABLE ICC ESR F	•					
	E. VERIFY THAT THE ANCHORS ARE AN ADEQUATE EDGES OR OPENINGS (SEE TYPICAL DETAIL ON		HALLER THEN ROBATE				
	 F. VERIFY THAT ALL NEW OR EXISTING ANCHORS UNIT ATTACHMENTS AND CHECK FOR INTERACT 18" OR 6hef FROM THIS UNIT'S ANCHORS. 		No. 4197 EXP. 6-30-2022 A/25/22 PUCINED OF CALLFORM				

EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING www.EquipmentAnchorage.com											
	Y,	T	C	ENORIN				DES.	J. ROBE	rson	
		DMAS					job no. 11-2201		Ζ		
	-+11	S	ERIE	ES DRYE	RS		50	DATE	4/25/	'22	OF 8 SHEETS
10. <u>EX</u>	PANSION A				<u> </u>						
/		IMENT IS TO CORRESPONE		e with the anch Report.	ORS LISTED) BELOW	AND INS	TALLED AS	3 DESCRIBE	D	
	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 Test
	1/2"	Sand Light Weight	3000	Hilti Kwik Bolt TZ2	ESR-4266	3.25"	6.75"	12"	See Detail "A"	50 FT-LB	N/A
	5/8"	Normal Weight	3000	Hilti Kwik Bolt TZ2	ESR-4266	4"	12"	26"	6"	40 FT-LB	4540 lb
	B. THIS PREAPPROVAL ALLOWS FOR UP TO A MAXIMUM OF 2 ADJACENT 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 EMPLOYED BY THE FACILITY OWNER PER CBC 1704A & 1910A.5 AND CAC 7-149. ALL REPORTS SHALL BE SENT TO THE INSPECTORO 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 OR TORQUE TEST AT LEAST 50% OF THE ANCHORS.						SP = BOLT SPACING				
 (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. 											
				PPLICABLE TORQUI TS: WEDGE TYPE : ´							
	(iii) IF Al	NY ANCHOR F	-AILS, TE	ST ALL ANCHORS.							
[TEEL REINFORCING		ETE SLAB	,				
F	E. PROVIDI	E FOR FULL T	'HREAD E	ENGAGEMENT OF N	IUT & WASHE	ER.					
11. BC	LTS THROU	JGH CONCRE	TE ON ME	ETAL DECK							
	tight (t Requ i ri	THE SNUG-TIO	GHT CONE THE CON	Y 3/4 TURN OF THE DITION IS DEFINED NNECTED PLIES INT .ESS OTHERWISE N	AS THE TIGH	HTNESS	UG		X	mathe	ANT POPLATION
E				L BE 1/16" LARGER ⁻ 6) FOR CONCRETE.		SIZE				is is	No. 4197
(TESTING TENSION	G (THROUGH I N DO NOT RE	BOLTS WI	TE SHALL RECEIVE /ITH STEEL TO STEE ENSION TESTING) IN ISTALLED ANCHOR	EL CONNECT N ACCORDAN	TION IN			,	EX STREET	KP. 6-30-2022 4/25/22 <u>PUCTUR</u> 0F CAL\FORM















