

OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT FACILITIES DEVELOPMENT DIVISION

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

OFFICE USE ONLY

APPLICATION #: OPM-0562

OSHPD Preapprov	I of Manufacturer's	Certification (C	(MPC
			· /

Type: New X Renewal/Update

Manufacturer Information

Manufacturer: Enthermics Medical Systems

Manufacturer's Technical Representative: Peter Chandler

Mailing Address: W164 N9221 Water St.,, Menomonee Falls, WI 53051

Telephone:	(262) 251-8356	
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Email: PeterC@enthermics.com

Product Information

Product Name: Warming Cabinets

Product Type: Other Mechanical or Electrical Component

Product Model Number: EC1350BL BY: Haeseong Li General Description: Warming Cabinets for Blankets and Gowns

Applicant Information

Applicant Company Nam	EASE LLC.
Contact Person: Tiffany	n BUILDING
Mailing Address: 1515 F	VIEW AVE, STE 205, MISSOULA, MT 59801

Telephone: (406) 541-3273

Email: tiffany@easeco.com

Title:

"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 Preparing Engineering Recommendations						
Company Name: EASE						
Name: Jonathan Roberson	California License Number: S4197					
Mailing Address: 5877 Pine Ave., Suite 210, Chino H	ills, CA 91709					
Telephone: (951) 295-1892 E	mail: jon@EASECo.com					
OSHPD Special Seismic Certification Preapp	oval (OSP)					
Special Seismic Certification is preapproved und	er OSP OSP Number:					
CODF						
Certification Method	EUN CON					
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 OSHPD prior to testing.

X An	alysis	
Ex	perience Data	C DATE: 10/04/2021
Co	mbination of Testing, Analysi	s, and/or Experience Data (Please Specify):
		RAVIA CODE
OSHP	D Approval	BUILDING
Date:	10/4/2021	
Name:	Haeseong Lim	Title: Senior Structural Engineer

Access to Safe. Quality Healthcare Environments that Meet California's Diverse and Dynamic Needs
STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY

Condition of Approval (if applicable):

	EAS	EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING Office of Statewide Health Planning and Development PREAPPROVAL OF MANUFACTURER'S CERTIFICAT OPM-0562 THIS PREAPPROVAL CONFORMS TO THE 2019 CALIFORNIA BUILDING	
MA	NUFACTURER: ENT	THERMICS	Sheet: <u>1 of 9</u>
EQ	UIPMENT NAME: WA	ARMING CABINETS MODEL EC1350BL	Date: 8/6/21
GE	NERAL NOTES		
1.		OVAL OF MANUFACTURER'S CERTIFICATION (OPM) IS BASED ON THE 2019 CE	3C. THE DEMANDS
2.	THIS DOCUMENT MAY ON	NLY BE USED WITH THE EXPRESS WRITTEN CONSENT OF THE MANUFACTU	
3.		E AND INSTALLATION LOCATION. THIS DOCUMENT IS INVALID WITHOUT SUCH NFORMS TO TH <mark>E 2019</mark> CALIFORNIA BUILDING CODE WHERE SDS IS NOT GRE	
	SEE DETAIL FOR APPLIC		
4.		SECTION 13.3.1, EQUATIONS 13.3-1, 13.3-2 & 13.3-3, a _p = 1.0, I _p = 1.5, R _p = 1.5, z/h = 0 AT CONCRETE SLAB. SEE FOLLOWING SHEE	
		ap = 1.0, ip = 1.5, Rp = 1.5, 2h = 0 AT CONCRETE SLAB. SEE FOLLOWING SHEE $BY : Haeseong Lim 1.0, Ip = 1.5, Rp = 1.5, z/h = 0 AT CONCRETE SLAB & z/h \leq 1 AT CONCRETE SLAB$	
	SEE FOLLOWING SHEETS	TS FOR 0	
5.		VERS ONLY THE SUPPORTS AND ATTACHMENTS OF THE EQUIPMENT TO TH	
6.		IOWN ON THE DRAWINGS ARE FACTORED LOADS THAT SHALL BE USED FOR	
		TAL DECK DETAIL VALID FOR DEMANDS SHOWN AT ANY ELEVATION IN THE L VALID FOR DEMANDS SHOWN AT ANY ELEVATION AT OR BELOW GRADE. (i	
		OF THE STRUCTURAL ENGINEER OF RECORD OF THE BUILDING	,
У.			-
		ING STRUCTURE TO SUPPORT WEIGHTS AND FORCES SHOWN IN ADDITION	
		ISTALLATION IS IN CONFORMANCE WITH THE 2019 CBC AND WITH THE DETA E OF THE UNIT WHERE ATTACHMENTS ARE MADE AGREE WITH THE INFORM UMENTS.	
	C. VERIFY THAT PROJEC EXCEED THE VALUES	ECT SPECIFIC VALUES OF SDS & z/h RESULT IN SEISMIC FORCES (Eh, Ev) THA	NT DO NOT
		CONCRETE SLAB TO WHICH THE EQUIPMENT IS ANCHORED MEETS THE THE APPLICABLE ICC ESR AND THIS OPM.	Quatton - classen
		NCHORS ARE AN ADEQUATE DISTANCE FROM ANY SLAB GS (SEE TYPICAL DETAIL ON SHEET 2).	NOT 3
	F. VERIFY THAT ALL NE UNIT ATTACHMENTS	EW OR EXISTING ANCHORS ARE AN ADEQUATE DISTANCE FROM THE S AND CHECK FOR INTERACTION WHERE OTHER ANCHORS ARE WITHIN HIS UNIT'S ANCHORS.	EXP. 6-30-2022

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EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING www.EquipmentAnchorage.com												
V)		ENT	THERMI	CS			DES.	J. Robe	RSON		
							јов і	no. 11-1	930	2		
/	WARMING CABINETS MODEL EC1350BL							DATE	ате 8/6/21 _{об} 9		OF 9 SHEETS	3
10. <u>EXP</u>	ANSION AN	ICHORS:										
A.		VENT IS TO ORRESPONE		e with the anc Report.	Hors liste	D BELOV	V AND IN	STALLED A	S DESCRIB	ED		
	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	
	3/8"	Sand Light Weight	3000	Hilti Kwik Bolt TZ2	ESR-4266	2"	6.75"	12"	See Detail "A"	30 FT-LB	N/A	
	1/2"	Normal Weight	3000	Hilti Kwik Bolt TZ2	ESR-4266	2"	6"	14"	4"	50 FT-LB	1983 lb	
	1/2"	Normal Weight	3000	Hilti Kwik Bolt TZ2	ESR-4266	3.25"	6"	24"	6"	50 FT-LB	2685 lb	
B. C.	CONCRET SEE ADJA EDGE DIS	TE SLAB EDGE ACENT DETAIL TANCES.	s, 14" or . For ade	R UP TO A MAXIMU 24" AWAY MINIMUM DITIONAL MINIMUM ON OF EXPÂNSION	1 (i.e CORNE	ER). OD J CONCRETE		EDGE DISTANCES	EDGE DIS (SEE SCH		15 x EDGE DISTANCES (SEE SCHEDULE)	
	EMPLOYE	D BY THE FAC	ILITY OW	D INDEPENDENT A	A & 1910A.5				2	[•		
		7-149. ALL RE	PORTS SH	IAL <mark>L BE S</mark> ENT TO TI RC <mark>HITEC</mark> T OR EN <mark>G</mark> I				ст. С	I.			
	RESPONS	BIBLE CHARGE				eong I			0			
(i) AFTER AT LEAST 24 HOURS HAVE ELAPSED SINCE INSTALLATION, DIRECT PULL TENSION TEST OR TORQUE TEST AT LEAST 50% OF / 2021 THE ANCHORS. (ii) ACCEPTANCE CRITERIA:								BOLT SPACING				
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.								E EDGE DETAIL				
				LICABLE TORQUE N DGE TYPE : 1/2 TUR			THIN THE					
	(iii) IF ANY	Y ANCHOR FA	LS, TEST	ALL ANCHORS.								
D.				EL REINFORCING IN XPANSION ANCHOF		SLAB						
E.	PROVIDE	FOR FULL TH	READ ENG	AGEMENT OF NUT	& WASHER.							
11. BOL	IS THROUG	H CONCRETE	ON META	L DECK								
A.	tight (t⊦ Requirei	IE SNUG-TIGH D TO BRING TI	T CONDIT HE CONNE	4 TURN OF THE NU ION IS DEFINED AS ECTED PLIES INTO F S OTHERWISE NOT	THE TIGHTN	ESS			2	Anatha	The second	t
В.				E 1/16" LARGER TH	AN BOLT SIZE				1			
-			,	OR CONCRETE.		OTIC:::					No. 4197	
C.	TESTING NOT REQI	(THROUGH BC	LTS WIT⊢ I TESTING	SHALL RECEIVE SP I STEEL TO STEEL () IN ACCORDANCE	CONNECTION	IN TENSIO	ON DO				XP. 6-30-2022 8/6/21 PUCTUR OF CALLFORM	-













