

APPLICATION FOR OSHPD PREAPPROVAL OF	0	FFICE USE ONLY					
MANUFACTURER'S CERTIFICATION (OPM)	APPLICATION #:	OPM-0497-13					
OSHPD Preapproval of Manufacturer's Certification (OPM)							
Type: New Renewal Update to Pre-CBC 2013 OI	PA Number:						
Manufacturer Information							
Manufacturer: CENORIN							
Manufacturer's Technical Representative:							
Mailing Address: 6234 S. 199 <sup>th</sup> Place, Suite 107. Kent, WA. 98032							
Telephone: On File Email: On File	0,						
Product Information	M.D.						
Product Name:	E						
Product Type: Other Mechanical and Electrical Components	CH						
Product Model Number: TS-150, TS-350, TS-1050 nia Elise	20						
General Description: Floor Mounted Drying Systems							
DATE: 05/24/2019	70						
the state	V						
Applicant Information	D <sup>fu</sup>						
Applicant Company Name: EASE Co.	50						
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, 2016.							
Signature of Applicant:	[	Date: 6/22/18					
Title:     Principal Engineer     Company Name:     EASE Co.							
		OSHPD					
"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 12/16/15)		Page 1 of 2					



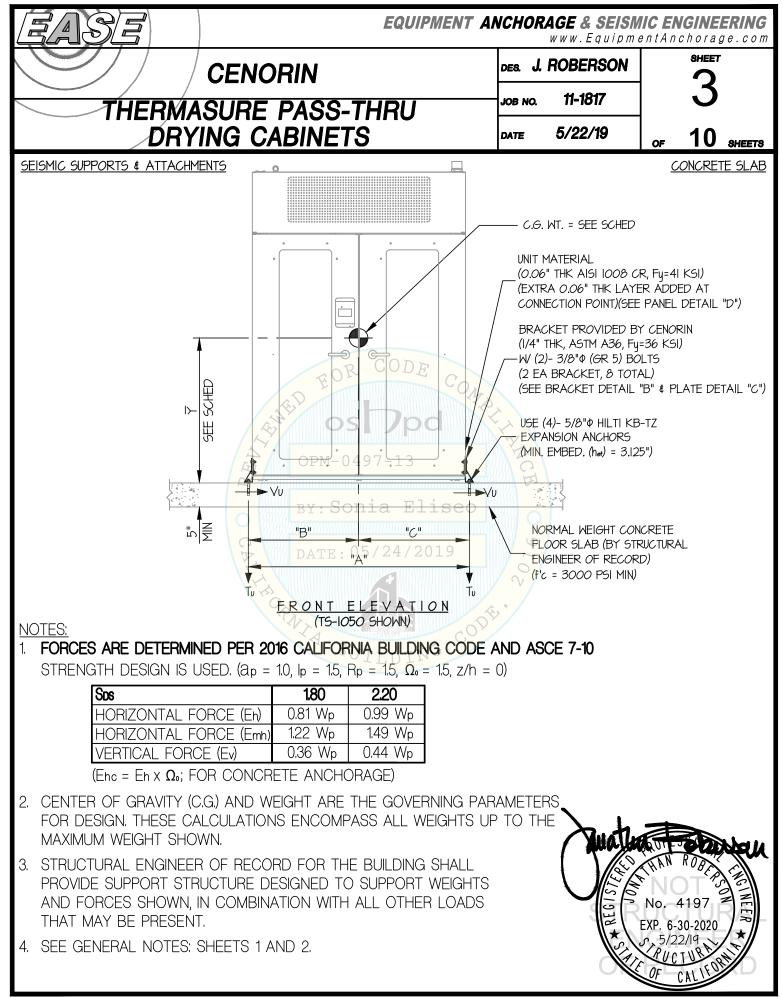
Registered Design Professional Preparing Engineering Recommendations						
Company Name: EASE Co.						
Name: Jonathan Roberson, S.E. California License Number: S4197						
Mailing Address:5877 Pine Ave. Suite 210, Chino Hills, CA. 91709						
Telephone: <u>909-606-7622</u> Email: <u>J.Roberson@EASECo.com</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)						
Testing in accordance with:     ICC-ES AC156     FM 1950-16       Other*     (Please Specify):						
<ul> <li>*Use of criteria other than those adopted by the California Building Standards Code, 2016 (CBSC 2016) 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 2016 may be used when approved by OSHPD prior to testing.</li> <li>Analysis</li></ul>						
List of Attachments Supporting the Manufacturer's Certification						
<ul> <li>☐ Test Report</li></ul>						
OFFICE USE ONLY – OSHPD APPROVAL VALID FOR CBC 2016 & ALL PRE-2016 CODE BASED PROJECTS						
Signature:   Signature:   Print Name:   Sonia Eliseo   Title: SE   Condition of Approval (if applicable):						
"Access to Safe, Quality Healthcare Environments that Meet California's Diverse and Dynamic Needs"						

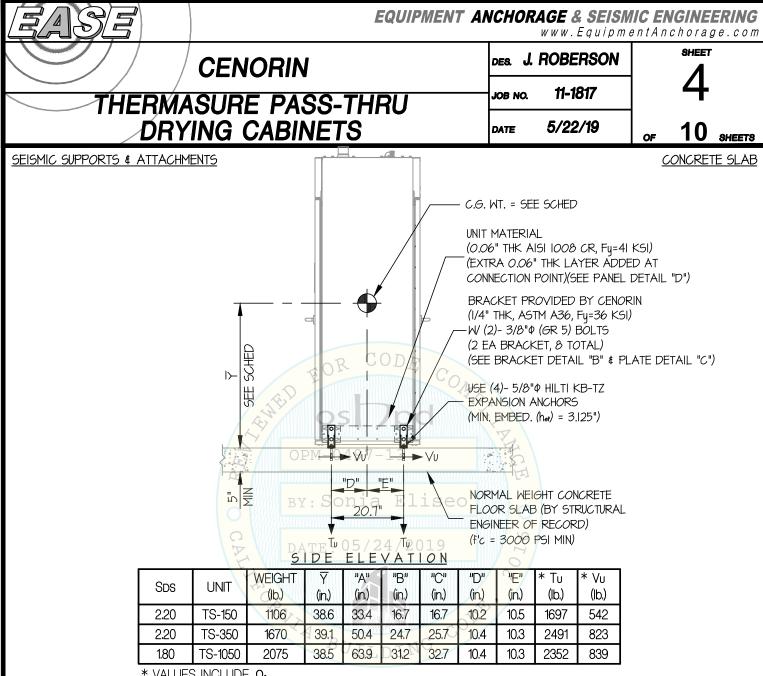
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STATE OF CALIFORNIA - HEALTH AND HUMAN SERVICES AGENCY OSH-FD-700 (REV 12/16/15)

	EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING Office of Statewide Health Planning and Development PREAPPROVAL OF MANUFACTURER'S CERTIFICATION OPM-0497-13 THIS PREAPPROVAL CONFORMS TO THE 2016 CALIFORNIA BUILDING CODE	5877 Pine Ave, Ste. 210 Chino Hills, CA. 91709 Phn: (909) 606-7622						
	UFACTURER: CENORIN PMENT NAME: THERMASURE PASS-THRU DRYING CABINETS	Sheet: <u>1 of 10</u> Date: 5/22/19						
1. T (I 2. T 3. T 4. F V 5. T 6. A 7. C 8. C	6. ALL DESIGN FORCES SHOWN ON THE DRAWINGS ARE FACTORED LOADS THAT SHALL BE USED FOR STRENGTH DESIGN.							
A B C D E	<ul> <li>RESPONSIBILITIES OF THE STRUCTURAL ENGINEER OF RECORD OF THE BUILDING</li> <li>PROVIDE SUPPORTING STRUCTURE TO SUPPORT WEIGHTS AND FORCES SHOWN IN ADDITION TO ALL O</li> <li>VERIFY THAT THE INSTALLATION IS IN CONFORMANCE WITH THE 2016 CBC AND WITH THE DETAILS, MATERIAL AND GAGE OF THE UNIT WHERE ATTACHMENTS ARE MADE AGREE WITH THE INFORMATION SH PREAPPROVAL DOCUMENTS.</li> <li>VERIFY THAT PROJECT SPECIFIC VALUES OF SDS &amp; z/h RESULT IN SEISMIC FORCES (Eh, Ev) THAT DO NOT EXCEED THE VALUES ON THE DETAILS.</li> <li>VERIFY THAT THE CONCRETE SLAB TO WHICH THE EQUIPMENT IS ANCHORED MEETS THE REQUIREMENTS OF THE APPLICABLE ICC ESR AND THIS OPM.</li> <li>VERIFY THAT THE ANCHORS ARE AN ADEQUATE DISTANCE FROM ANY SLAB EDGES OR OPENINGS (SEE TYPICAL DETAIL ON SHEET 2).</li> <li>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.</li> </ul>	OWN ON THE						

EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING www.EquipmentAnchorage.com													
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	THERMASURE PASS-THRU DRYING CABINETS						DATE	5/22	2/19	of 10 sheet	rs		
10. <u>E</u>	XPA	NSION /	ANCHORS:										
			CORRESPON		ADE WITH THE AN CCREPORT.	ICHORS LIS	TED BEL(	OW AND		) AS DESCR	IBED		
		nchor ameter	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 TZ	ESR-1917	2"	6.75"	24"	See Detail "A"	40 FT-LB	N/A	
		5/8"	Normal Weight	3000	Hilti Kwik Bolt TZ	ESR-1917	3.125"	12"	24"	5"	60 FT-LB	1515 lb	
										) <b></b> <sup>SP</sup> -	36" (MIN)		
	C. TESTING OF EXPANSION ANCHORS PER 2016 CBC, 1910A.5: TESTING SHALL BE DONE IN THE PRESENCE OF THE SPECIAL INSPECTOR AND A REPORT OF THE TEST RESULTS SHALL BE SUBMITTED TO OSHPD OPM-0497-13 (i) AFTER AT LEAST 24 HOURS HAVE ELAPSED SINCE INSTALLATION, DIRECT PULL TENSION TEST OR TORQUE TEST AT LEAST 50% OF THE ANCHORS.							0	ACE	[     			
	(ii) ACCEPTANCE CRITERIA:						36" MIN)	9	SP = 1	BOLT SPACING			
	<ul> <li>DIRECT TENSION TEST: THE ANCHOR SHOULD HAVE NO 2019 OBSERVABLE MOVEMENT AT THE TEST LOAD. A PRACTICAL WAY TO DETERMINE OBSERVABLE MOVEMENT IS THAT THE WASHER BECOMES LOOSE.</li> <li>TORQUE TEST: THE APPLICABLE TORQUE MUST BE ACHIEVED WITHIN THE FOLLOWING LIMITS: WEDGE TYPE: 1/2 TURN OF THE NUT</li> </ul>							TYPICAL CONCRETE EDGE DETAIL					
							01						
(iii) IF ANY ANCHOR FAILS, TEST ALL ANCHORS.													
D. AVOID DAMAGING EXISTING STEEL REINFORCING IN CONCRETE SLAB WHEN INSTALLING CONCRETE EXPANSION ANCHORS.													
	E.	PROVI	JE FOR FULL	. THREAD	D ENGAGEMENT O	F NUT & WA	SHER.						
11. B	OLTS	3 THRO	UGH CONCR	ETE ON !	METAL DECK								
		tight ( Requip	(THE SNUG-T RED TO BRIN	TIGHT CO	BY 3/4 TURN OF T DNDITION IS DEFIN CONNECTED PLIES NLESS OTHERWIS	NED AS THE <sup>-</sup> S INTO FIRM (	TIGHTNES	SS		$\geq$	Anath		14
					ALL BE 1/16" LARGI /16) FOR CONCRE <sup>-</sup>		ILT SIZE					HAN ROBERT	
	C.	THROU TESTIN TENSIC	JGH-BOLTS IN NG (THROUGH ON DO NOT R	N CONCR H BOLTS REQUIRE	RETE SHALL RECE WITH STEEL TO S TENSION TESTING INSTALLED ANCH	EIVE SPECIAL STEEL CONN G) IN ACCOR	IECTION II	N				No. 4197 EXP. 6-30-2020 C. 5/22/19 PUCIVED OF CALLED	





\* VALUES INCLUDE Ω.



