

Type:

## DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION FACILITIES DEVELOPMENT DIVISION

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

OFFICE USE ONLY

APPLICATION #: OPM-0190

HCAI Preapproval of Manufacturer's Certification (OPM)

New X Renewal/Update

#### **Manufacturer Information**

Manufacturer: Getinge IC Production Poland Sp. z o.o.

Manufacturer's Technical Representative: Maciej Przybylak

Mailing Address: ul. Szkolna 30, Chino Hills, CA 91709

Telephone: (909) 606-7622

Email: maciej.przybylak@getinge.com

#### **Product Information**

Product Name: 400 SERIES STERILIZERS

Product Type: Other Electrical & Mechanical Components

Product Model Number: 422HC-E & 433HC-E

General Description: Steam Sterilizer used to sanitize medical instruments, gowns, etc.

#### **Applicant Information**

Applicant Compar	ny Name: EASE LLC.					
Contact Person:	Tiffany Tonn	BUILDING				
Mailing Address: 1515 FAIRVIEW AVE, STE 205, MISSOULA, MT 59801						
Telephone: (406)	541-3273	Email: tiffany@easeco.com				

)PM-0190

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



HC



## DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION FACILITIES DEVELOPMENT DIVISION

# Registered Design Professonal Preparing Engineering Recommendations Company Name: EASE LLC

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

HCAI Special Seismic Certification Preapproval (OSP)	
Special Seismic Certification is preapproved under OSP OSP Number:	
EOR CODE COM	
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, 2022 (CBSC 2022) for component sup and attachments are not permitted. For distribution system, interior partition wall, and suspended ceiling seismic bracings, t criteria other than those adopted in the CBSC 2022 may be used when approved by HCAI prior to testing.	
X Analysis	
Experience Data     DATE: 04/06/2023	
Combination of Testing, Analysis, and/or Experience Data (Please Specify):	
OPNIA DI CODE	
HCAI Approval	
Date: 4/6/2023	
Name: William Staehlin Title: Senior Structural Engineer	
Condition of Approval (if applicable):	



EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING The Department of Health Care Access and Information PREAPPROVAL OF MANUFACTURER'S CERTIFICATION OPM-0190 THIS PREAPPROVAL CONFORMS TO THE 2022 CALIFORNIA BUILDING CODE	5877 Pine Ave, Ste. 210 Chino Hills, CA. 91709 Phn: (909) 606-7622
MANUFACTURER: GETINGE USA, INC.	Sheet: <u>1 of 8</u>
EQUIPMENT NAME: 400 SERIES STEAM STERILIZER VESSEL SIZE: 17.5" x 17.5" x	26" Date: 4/5/23
<ul> <li>GENERAL NOTES</li> <li>1. THIS HCAI PREAPPROVAL OF MANUFACTURER'S CERTIFICATION (OPM) IS BASED ON THE 2022 CBC. THE DEM</li></ul>	ED ABOVE FOR THE
(DESIGN FORCES) FOR USE WITH THIS OPM SHALL BE BASED ON THE 2022 CBC <li>2. THIS DOCUMENT MAY ONLY BE USED WITH THE EXPRESS WRITTEN CONSENT OF THE MANUFACTURER LIST</li>	NT.
SPECIFIC PROJECT SITE AND INSTALLATION LOCATION. THIS DOCUMENT IS INVALID WITHOUT SUCH CONSEI <li>3. THIS PREAPPROVAL CONFORMS TO THE 2022 CALIFORNIA BUILDING CODE WHERE SDS IS NOT GREATER TH.</li>	AN 1.50 & 2.20.
SEE DETAIL FOR APPLICABILITY <li>4. FORCES PER ASCE 7-16 SECTION 13.3.1, EQUATIONS 13.3-1, 13.3-2 &amp; 13.3-3,</li>	HEETS FOR Ω₀
WHERE SDS = 1.50, ap = 1.0, lp = 1.5, Rp = 1.5, z/h = 0 AT CONCRETE SLAB. SEE FOLLOWING SHEETS FOR Ω₀	TURE.
WHERE SDS = 2.20, ap = 1.0, lp = 1.5, Rp = 1.5, z/h ≤ 1 AT CONCRETE SLAB ON METAL DECK. SEE FOLLOWING SF <li>5. THIS PREAPPROVAL COVERS ONLY THE SUPPORTS AND ATTACHMENTS OF THE EQUIPMENT TO THE STRUCC</li> <li>6. ALL DESIGN FORCES SHOWN ON THE DRAWINGS ARE FACTORED LOADS THAT SHALL BE USED FOR STRENC</li> <li>7. CONCRETE SLAB ON METAL DECK DETAIL VALID FOR DEMANDS SHOWN AT ANY ELEVATION IN THE BUILDING</li> <li>8. CONCRETE SLAB DETAIL VALID FOR DEMANDS SHOWN AT OR BELOW GRADE. (i.e. z/h = 0)</li> <li>9. RESPONSIBILITIES OF THE STRUCTURAL ENGINEER OF RECORD OF THE BUILDING</li>	GTH DESIGN.
<ul> <li>A. PROVIDE SUPPORTING STRUCTURE TO SUPPORT WEIGHTS AND FORCES SHOWN IN ADDITION TO ALL OR USER STRUCTURE TO SUPPORT WEIGHTS AND FORCES SHOWN IN ADDITION TO ALL OR USER STRUCTURE TO SUPPORT WEIGHTS AND FORCES SHOWN IN ADDITION TO ALL OR USER STRUCTURE THAT THE INSTALLATION IS IN CONFORMANCE WITH THE 2022 CBC AND WITH THE DETAILS, MATERIAL AND GAGE OF THE UNIT WHERE ATTACHMENTS ARE MADE AGREE WITH THE INFORMATION SUPREAPPROVAL DOCUMENTS.</li> <li>C. VERIFY THAT PROJECT SPECIFIC VALUES OF SDS &amp; <i>z/h</i> RESULT IN SEISMIC FORCES (Eh, Ev) THAT DO NO EXCEED THE VALUES ON THE DETAILS.</li> <li>D. VERIFY THAT THE CONCRETE SLAB TO WHICH THE EQUIPMENT IS ANCHORED MEETS THE REQUIREMENTS OF THE APPLICABLE ICC ESR REPORT. AND THIS OPM.</li> <li>E. VERIFY THAT THE ANCHORS ARE AN ADEQUATE DISTANCE FROM ANY SLAB EDGES OR OPENINGS (SEE TYPICAL DETAIL ON SHEET 2).</li> <li>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.</li> </ul>	HOWN ON THE

E	EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING www.EquipmentAnchorage.com											
GETINGE USA, INC.					DES.	J. ROBEI	rson					
				11 176		JOB N	o. 36-26	301	Ζ			
	VE	SŞEL	SIZ	STEAM STERILIZER ZE: 17.5" x 17.5" x 26"		DATE	4/5/2	23	OF <b>8</b> SHE	eets		
10. <u>EXP</u>	ANSION AN											
A.		MENT IS TO ORRESPONE		E WITH THE ANCH REPORT.	ORS LISTED	) BELOW	and ins	TALLED AS	5 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
	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"	40 FT-LB	1605 lb	
В.				FOR UP TO A MAXI								
				AWAY MINIMUM (i.e. ADDITIONAL MINIMU			RFTF		4"	SP -	2 "	
		STANCES.			ORCE	W	On,		(MIN)		(MIN)	
C.				ECTION OF EXPAN			L					
				OVED INDEPENDE		$M$ $\pi$ $\gamma$ $\chi$ $\lambda$		14"(NIN)				
				SHALL BE SENT	ODI	0100		10fe		-[ <u> </u>	•	
				E ARCHITECT OR				<del>d</del> 5	`			
	RESPON	SIBLE CHAR	GE.	O BY:	William	Staehl	in	S S		ĺ		
	DIRE			S HAVE ELAPSED S			023	21" (MIN)	,	 SP = E	BOLT SPACING	
	(ii) ACCE	EPTANCE CR	ITERIA:					NZ				
OBSERVABLE MOVEMENT AT THE TEST LOAD. A PRACTICAL WAY     TO DETERMINE OBSERVABLE MOVEMENT IS THAT THE WASHER     BECOMES LOOSE.												
				PPLICABLE TORQU								
	(iii) IF AN	IY ANCHOR F	AILS, TE	ST ALL ANCHORS.								
D.				TEEL REINFORCING E EXPANSION ANCH		ETE SLAB						
E.	PROVIDE	FOR FULL T	HREAD E	NGAGEMENT OF N	UT & WASHE	ER.						
11. BOL	TS THROU	GH CONCRE	FE ON ME	ETAL DECK								
A.	tight (t Requ <b>i</b> re	HE SNUG-TIC ED TO BRING	GHT CON	Y 3/4 TURN OF THE DITION IS DEFINED NECTED PLIES INT ESS OTHERWISE N	AS THE TIGI	HTNESS	JG		$\boldsymbol{\lambda}$	watur	HAN ROB	u
В.				BE 1/16" LARGER ) ) FOR CONCRETE.	THAN BOLT	SIZE				CIST C	No. 4197	
C.	TESTING TENSION	(THROUGH) I DO NOT RE	BOLTS W QUIRE TE	TE SHALL RECEIVE ITH STEEL TO STEE ENSION TESTING) IN STALLED ANCHOR	EL CONNECT N ACCORDAN	ION IN			,	E STREET	XP. 6-30-2024 4/5/23 PUCIVR OF CALIFORM	











