

## OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT FACILITIES DEVELOPMENT DIVISION

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

OFFICE USE ONLY

APPLICATION #: OPM-0274

Type:	New	X	Rene

X Renewal/Update

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

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#### **Manufacturer Information**

Manufacturer: Stryker Corporation

Manufacturer's Technical Representative: David Young

Mailing Address: 1941 Stryker Way, Portage, MI 49002

Telephone: (184) 382-4435 Email: david.young2@stryker.com

### **Product Information**

Product Name: STERIZON VP4 STERILIZER & STERIZON 125L + STERILIZER

Product Type: Other Electrical & Mechanical Coponents

Product Model Number: VP4, 125BY: Kamalpreet Kals

General Description: Ozone based, low temperature sterilizer for medical equipment

### **Applicant Information**

Applicant Company Name: EA	SE LLC.
Contact Person: Tiffany Tonn	
Mailing Address: 1515 FAIRVI	EW AVE, STE 205, MISSOULA, MT 59801
Telephone: (406) 541-3273	Email: tiffany@easeco.com
Title: Office Manager	
	BUILDING

STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY

OSHPI



# 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 Hills, CA 91709
Telephone: (951) 295-1892 Email: jon@EASECo.com
EOR CODE CO.
OSHPD Special Seismic Certification Preapproval (OSP)
Special Seismic Certification is preapproved under OSP OSP Number:
Certification Method
Testing in accordance with: ICC-ES AC156 FM 1950-16 7 4
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 Analysis O DI: Kallalpreet Kalsi O
Experience Data
Combination of Testing, Analysis, and/or Experience Data (Please Specify):
P DATE: 09/13/2021
OSHPD Approval
Date: 9/13/2021
Name: Kamalpreet Kalsi
Condition of Approval (if applicable):
BUILDING
"Access to Safe. Quality Healthcare Environments that Meet California's Diverse and Dynamic Needs"
STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY

			PREAPPI	ROVAL OF MAN		RTIFICATION	5877 Pine Ave, Ste. 210 Chino Hills, CA. 91709 Phn: (909) 606-7622		
		FACTURER: MENT NAME:	STRYKER STERIZONE®	VP4 Sterilizer	& STERIZONE® 1	25L+ Sterilize	Sheet: <u>1 of 9</u> Date: 7/21/21		
GE	ENE	RAL NOTES		ACI					
1.				ACTURER'S CERTIFICA OPM SHALL BE BASED	TION (OPM) IS BASED ON T ON THE 2019 CBC	THE 2019 CBC. THE DE	MANDS		
2.					ITTEN CONSENT OF THE M DOCUMENT IS INVALID WIT				
3.	3. THIS PREAPPROVAL CONFORMS TO THE 2019 CALIFORNIA BUILDING CODE WHERE SDS IS NOT GREATER THAN 1.90, 2.10 & 2.30. SEE DETAIL FOR APPLICABILITY								
4.	FO	RCES PER ASCE	7-16 SECTION 13.3.1	, EQUATIONS 13.3-1, 13	3.3-2 & 13.3-3,				
	<ol> <li>FORCES PER ASCE 7-16 SECTION 13.3.1, EQUATIONS 13.3-1, 13.3-2 &amp; 13.3-3, WHERE SDS = 1.90, B<sub>p</sub> = 1.0, I<sub>p</sub> = 1.5, R<sub>p</sub> = 1.5, z/h = 0 AT CONCRETE SLAB. SEE FOLLOWING SHEETS FOR Ω₀</li> </ol>								
	WHERE SDS = 2.10, $a_p = 1.0$ , $I_p = 1.5$ , $R_p = 1.5$ , $z/h = 0$ AT CONCRETE SLAB. SEE FOLLOWING SHEETS FOR $\Omega_0$								
	WHERE SDS = 2.30, $a_p$ = 1.0, $I_p$ = 1.5, $R_p$ = 1.5, $z/h$ = 0 AT CONCRETE SLAB & $z/h \le 1$ AT CONCRETE SLAB ON METAL DECK.								
		E FOLLOWING S					0		
	5. THIS PREAPPROVAL COVERS ONLY THE SUPPORTS AND ATTACHMENTS OF THE EQUIPMENT TO THE STRUCTURE.								
6.									
7.									
8.	CO	NCRETE SLAB L	DETAIL VALID FOR DE	MANDS SHOWN AT OF	R BELOW GRADE. (I.e. z/h =	0)	V		
9.	RE	SPONSIBILIT	IES OF THE STRU	CTURAL ENGINEE	R OF RECORD OF THE	<u>BUILDING</u>			
	A.	PROVIDE SUPP	PORTING STRUCTURI	E TO SUPPORT WEIGH	ITS AND FORCES SHOWN I	N ADDITION TO ALL O	THER LOADS.		
	В.		GAGE OF THE UNIT		TH THE 2019 CBC AND WITH S ARE MADE AGREE WITH T		OWN ON THE		
	C.		PROJECT SPECIFIC VA		SULT IN SEISMIC FORCES	(Eh, Ev) NAT DO NOT			
	D.			3 TO WHICH THE EQU E ICC ESR REPORT AN	IPMENT IS ANCHORED ME ID THIS OPM.	ETS THE	THAN ROBIN		
	E.			N ADEQUATE DISTANC L DETAIL ON SHEET 2)			No. 4197		
	F.	UNIT ATTACHM		OR INTERACTION WHE	ADEQUATE DISTANCE FRC RE OTHER ANCHORS ARE V		EXP. 6-30-2022 p. 7/21/21 PUCIVEL OF CALLED		

EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING www.EquipmentAnchorage.com													
STRYKER						DES.	DES. J. ROBERSON		SHEET				
	STERIZONE <sup>®</sup> VP4 Sterilizer &							JOB N	11-21	105	2		
					E® 125L+				DATE	7/21/	/21	OF 9 SHE	0
10. E	XP/	ANSION AN									<b>_</b>		eet8
···· <u>-</u>		ATTACHM	IENT IS TO BE		ITH THE ANCHORS LIS	STED BELOW	AND INST	ALLED AS	DESCRIBED	)			
	ı								1	·	<del>1 _</del>		
		Anchor Diameter	Concrete Type	Min. f'c (psi)	Anchor Type	ICC Report No.	Min. Embed.	Min. Spacing	Min. Edge Dist.		Torque Test	Direct Tension	
		3/8"	Sand Light Weight	3000	Hilti Kwik Bolt TZ2	ESR-4266	2"	N/A	N/A	See Detail "A"	30 FT-LB	N/A	
		1/2"	Normal Weight	3000	Hilti Kwik Bolt TZ2	ESR-4266	2,5"	3"	24"	- 5"	50 FT-LB	1940 lb	
		1/2"	Normal Weight	3000	Hilti Kwik Bolt TZ2	ESR-4266	3.25"	3"	24"	6"	50 FT-LB	2174 lb	
	В.				FOR UP TO A MAXIM				7			24	
					AWAY MINIMUM (i.e.			DETE		24" (MIN)		<u>− 36"</u> (MIN) ►	
			STANCES.							_	17	2	i
	C.			. INSP <mark>ECT</mark> '	ION OF EXPANSION A	NCHORS SH/	ALL U	2/4	t ₹			2	i
					ED INDEPENDENT AG				24" (MIN)	XXYYVV		T	i
					/NER PER CBC 1704A HALL BE SENT TO THI					ΛΛΛΛΛΧΥΥΥ			i i
					RCHITECT OR ENGIN			$\sim +$	77 윤 ]				
		RE <mark>SPO</mark> NS	SIB <mark>LE C</mark> HARGE		or. Nai	TIATE	Dre	el	Kal	S T			i
		DIREC			HAVE ELAPSED SINC FOR TORQUE TEST A				=_( <u>)</u>			OLT SPACING	
		(ii) <mark>ACC</mark> F	EPTANCE CRI	TERIA:	DATE:	09/1	13/	202	36"		1		i i
		• C N	DIRECT TENSION NOVEMENT AT	ION T <mark>EST:</mark> T THE TES	THE ANCHOR SHOU ST LOAD. A PRACTICA NT IS THAT THE WASH	LD HAVE NO O	OBSERVAI DETERMINE	BLE E			CONCRETE	EDGE DETAIL	
		• 1	TORQUE TEST	T: THE APP	PLICABLE TORQUE MU DGE TYPE : 1/2 TURN	UST BE ACHIE	EVED WITH				V		
					ALL ANCHORS.	OF THE TO.							
	D.	AVOID DA	AMAGING EXIS	STING STE	EL REINFORCING IN ( XPANSION ANCHORS		LAB			P	4		
	E.				GAGEMENT OF NUT &				(	5			
11. <u>B</u>	OLT	S THROU	GH CONCRE	TE ON MF	ETAL DECK B	11	-	TN	5				
	Α.	TIGHT (T⊢ REQUIREI	HE SNUG-TIGH D TO BRING TI	HT CONDIT	3/4 TURN OF THE NUT TION IS DEFINED AS T ECTED PLIES INTO FI SS OTHERWISE NOTE	THE TIGHTNES	SS	TTA		Ъ	Mathe	AUT - COMPANY	U
	В.				BE 1/16" LARGER THAN FOR CONCRETE.	NBOLT SIZE				L	Also I		
	<ul> <li>(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>												













