

APPLICATION FOR OSHPD PREAPPROVAL OFFICE USE ONLY
OF MANUFACTURER'S CERTIFICATION (OPM) APPLICATION #: OPM-0385-13
OSHPD Preapproval of Manufacturer's Certification (OPM)
Type: Image: New Image: Renewal Image: Update to Pre-CBC 2013 OPA Number:
Manufacturer Information
Manufacturer: Getinge USA
Manufacturer's Technical Representative: <u>Don Socha</u>
Mailing Address: 1777 E. Henrietta Road, Rochester, NY. 14623
Telephone: On File Email: DOn File
Product Information
Product Name: 9100 Series Washer/Disinfector
Product Type: _Other Electrical & Mechanical Components ^{5 – 1 3}
Product Model Number: 9027, 9120, 9122, 9125, 9128
General Description: Floor loading Washer/Disinfector used to clean and disinfect medical instruments and carts
DATE: $05/07/2019$
Applicant Information
Applicant Company Name: EASE Co.
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, 2013.
Signature of Applicant: Date: 10/19/16
Title: Principal Engineer Company Name: EASE Co.
"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 1/24/13) Page 1 of 2



OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT FACILITIES DEVELOPMENT DIVISION

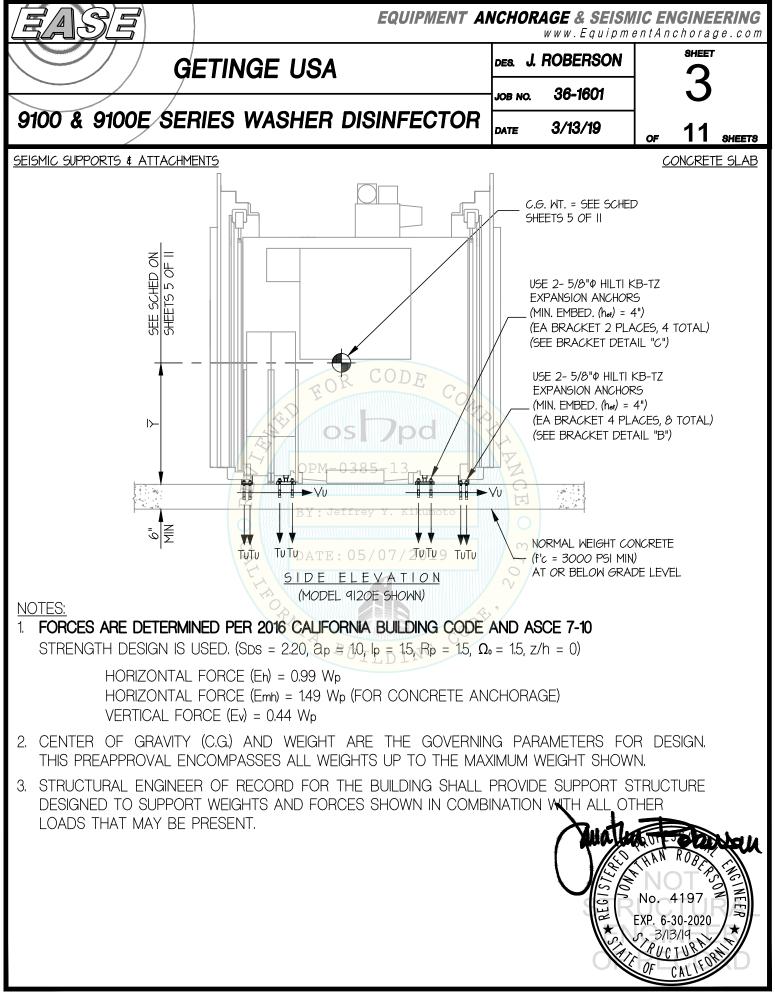
Registered Design Professional Preparing Engineering Recommendations
Company Name: EASE Co.
Name: Jonathan Roberson, S.E. California License Number: S4197
Mailing Address: _5877 Pine Ave. Suite 210, Chino Hills, CA. 91709
Telephone: 909-606-7622 Email: <u>J.Roberson@EASECo.com</u>
OSHPD Special Seismic Certification Preapproval (OSP)
 Special Seismic Certification is preapproved under OSP- (Separate application for OSP is required) Special Seismic Certification is not preapproved
Certification Method(s)
Testing in accordance with: ICC-ES AC156 FM 1950-10 Other* (Please Specify):
 *Use of test criteria other than those adopted by the California Building Standards Code, 2013 (CBSC 2013) 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 2013 may be used when approved by OSHPD prior to testing. Analysis Experience Data Combination of Testing, Analysis, and/or Experience Data (Please Specify):
List of Attachments Supporting the Manufacturer's Certification
 Test Report
OFFICE USE ONLY – OSHPD APPROVAL VALID FOR CBC 2013 ONLY
Signature:
Condition of Approval (if applicable):
"Access to Safe, Quality Healthcare Environments that Meet California's Diverse and Dynamic Needs"

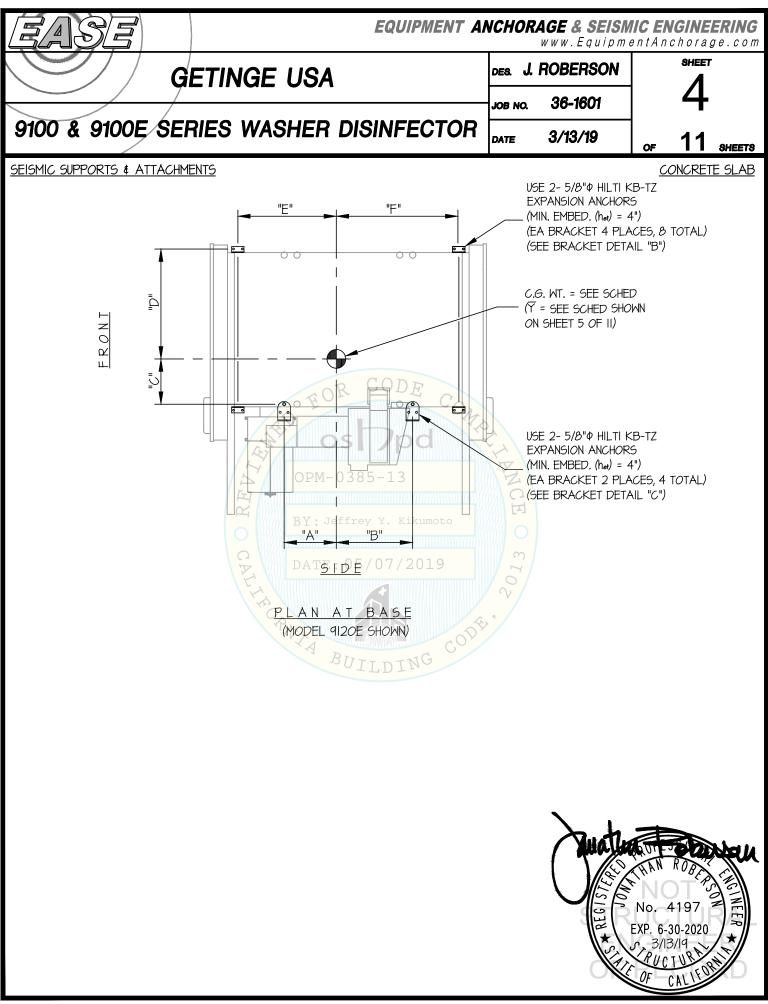
STATE OF CALIFORNIA - HEALTH AND HUMAN SERVICES AGENCY OSH-FD-700 (REV 1/24/13)

Page 2 of 2

		EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING Office of Statewide Health Planning and Development PREAPPROVAL OF MANUFACTURER'S CERTIFICATION OPM-0385-13 THIS PREAPPROVAL CONFORMS TO THE 2016 CALIFORNIA BUILDING CODE	5877 Pine Ave, Ste. 210 Chino Hills, CA. 91709 Phn: (909) 606-7622
		FACTURER: GETINGE USA MENT NAME: 9100 & 9100E SERIES WASHER DISINFECTOR	Sheet: <u>1 of 11</u> Date: 3/13/19
G	ENE	RAL NOTES	
1.		IIS OSHPD PREAPPROVAL OF MANUFACTURER'S CERTIFICATION (OPM) IS BASED ON THE 2016 CBC. THE DE ESIGN FORCES) FOR USE WITH THIS OPM SHALL BE BASED ON THE 2016 CBC	EMANDS
2.	ΤH	IS DOCUMENT MAY ONLY BE USED WITH THE EXPRESS WRITTEN CONSENT OF THE MANUFACTURER LISTE ECIFIC PROJECT SITE AND INSTALLATION LOCATION. THIS DOCUMENT IS INVALID WITHOUT SUCH CONSEN	
	SF	IIS PREAPPROVAL CONFORMS TO THE 2016 CALIFORNIA BUILDING CODE WHERE SDS IS NOT GREATER THATE DETAIL FOR APPLICABILITY	N 2.20.
4.		RCES PER ASCE 7-10 SECTION 13.3.1, EQUATIONS 13.3-1, 13.3-2 & 13.3-3, HERE SDS = 2.20, $a_p = 1.0$, $I_p = 1.5$, $R_p = 1.5$, $z/h = 0$ AT CONCRETE SLAB, $z/h \le 1$ AT CONCRETE SLAB ON META	
	SE	E FOLLOWING SHEETS FOR $Ω_0$ O	
5. 6.		IIS PREAPPROVAL COVERS ONLY THE SUPPORTS AND ATTACHMENTS OF THE EQUIPMENT TO THE STRUCT L DESIGN FORCES SHOWN ON THE DRAWINGS ARE FACTORED LOADS THAT SHALL BE USED FOR STRENG	
7.	СС	INCRETE SLAB ON METAL DECK DETAIL VALID FOR DEMANDS SHOWN AT ANY ELEVATION IN THE BUILDING	. (i.e. z/h <u><</u> 1)
8.	СС	INCRETE SLAB DETAIL VALID FOR DEMANDS SHOWN AT ANY ELEVATION AT OR BELOW GRADE. (i.e. z/h = 0)	
9.	RE	ESPONSIBILITIES OF THE STRUCTURAL ENGINEER OF RECORD OF THE BUILDING	
	A.	PROVIDE SUPPORTING STRUCTURE TO SUPPORT WEIGHTS AND FORCES SHOWN IN ADDITION TO ALL C	THER LOADS.
	В.	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.	IOWN ON THE
	C.	VERIFY THAT PROJECT SPECIFIC VALUES OF SDS & z/h RESULT IN SEISMIC FORCES (Eh, Ev) THAT DO NOT EXCEED THE VALUES ON THE DETAILS.	-
	D.	VERIFY THAT THE CONCRETE SLAB TO WHICH THE EQUIPMENT IS ANCHORED MEETS THE REQUIREMENTS OF THE APPLICABLE ICC ESR.	
	E.	VERIFY THAT THE ANCHORS ARE AN ADEQUATE DISTANCE FROM ANY SLAB EDGES OR OPENINGS (SEE TYPICAL DETAIL ON SHEET 2).	HAN ROBERT
	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.	No. 4197 EXP. 6-30-2020 S. 3/13/19 PUCIVEN OF CALLED

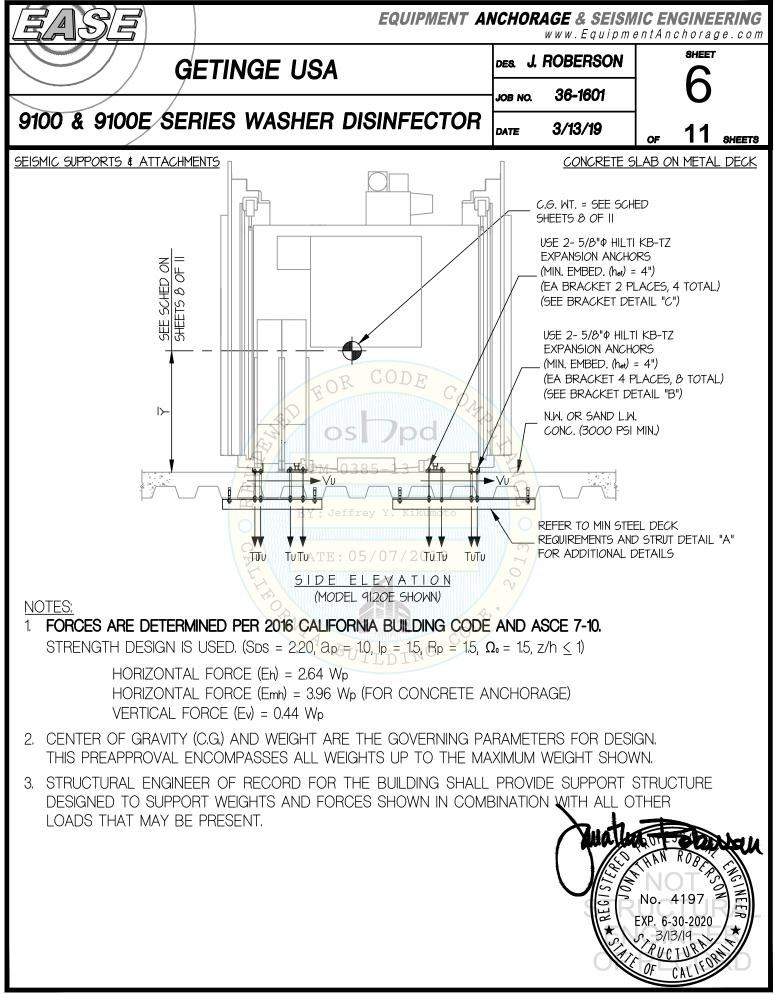
E	<u>IS</u>					EQUI	PMEN	Γ ΑΛ	ICH			I C ENGINEERING ntAnchorage.com
	T,		GEI	ringe u	SA				DES.	J. ROBE	RSON	SHEET
	<u> </u>	<u> </u>	<u> </u>						JOB	NO. 36-	1601	2
9100	89	100E S	ERIE	es wash	ER DI	SINFI	ECTC	R	DATE	3/13	1/19	OF 11 SHEETS
10. <u>EXP</u>	ANSION	ANCHORS:						•			_	
A.		HMENT IS TO		DE WITH THE AN C REPORT.	ICHORS LIS	TED BEL	OW AND	INSTA	LLED	AS DESCR	IBED	
	Anchor Jiameter	Concrete Type	Min. f'c (psi)	Anchor Type	ICC Report No.	Min. Embed.	Min. Spacing	Min Edge		Min. Conc. Thickness	Torque Test	Direct Tension Test
	1/2"	Sand Light Weight	3000	Hilti Kwik Bolt TZ	ESR-1917	3.25"	9.75"	24	4"	See Detail "A"	40 FT-LB	N/A
	5/8"	Normal Weight	3000	Hilti Kwik Bolt TZ	ESR-1917	4"	4"	24	4"	6"	60 FT-LB	3026 lb
В.				/S FOR UP TO A M/ +" (SEE SCHEDULE			ENT					
					,					24"	SP	36"
	•	,		RETE EDGE DIST		COD	EC			(MIN)		(MIN)
C.	TESTIN	NG SHALL BE	Done in Report	CHORS PER 2016 I THE PRESENCE (OF THE TEST RES	OF THE SPE	CIAL	d	MAR	36"			
	DIF		ENSION 1	URS HAVE ELAPSE		AST 50%	OF		ds l	HO F		
	(ii) AC	CEPTANCE C	RITERIA:						Ŧ	0	 •	<u>-</u>
	•	OBSERVAB	LE MOVE /INE OBS	EST: THE ANCHOF EMENT AT THE TES SERVABLE MOVEN	ST LOAD. A F	PRACTICA	AL WAY		24" (MIN)		SP = E	BOLT SPACING
	•			APPLICABLE TOR WING LIMITS: WED	GE TYPE : 1		OF THE	DE		TYPICAL	CONCRETE	EDGE DETAIL
	(iii) IF /	ANY ANCHOR	≀FAILS, T	FEST ALL ANCHOR	₹S.							
D.				STEEL REINFORC		ICRETE S	LAB					
E.	PROVI	DE FOR FULL	. THREAD) ENGAGEMENT O	F NUT & WA	SHER.						
11. BOLT	IS THRO	UGH CONCR	ETE ON N	METAL DECK								
A.	tight Requi	(THE SNUG-T RED TO BRIN	right Co Ig the Co	BY 3/4 TURN OF T ONDITION IS DEFIN ONNECTED PLIES NLESS OTHERWIS	NED AS THE ⁻ S INTO FIRM (TIGHTNE	SS			\geq	Anatha	
В.				ALL BE 1/16" LARG (16) FOR CONCRE		OLT SIZE						HAN ROBERT
C.	TESTIN TENSIO	ng (through on do not r	H BOLTS REQUIRE	RETE SHALL RECE WITH STEEL TO S TENSION TESTING INSTALLED ANCH	STEEL CONN G) IN ACCOR	ECTION II	Ν					No. 4197 XP. 6-30-2020 AUCTUR OF CALLED

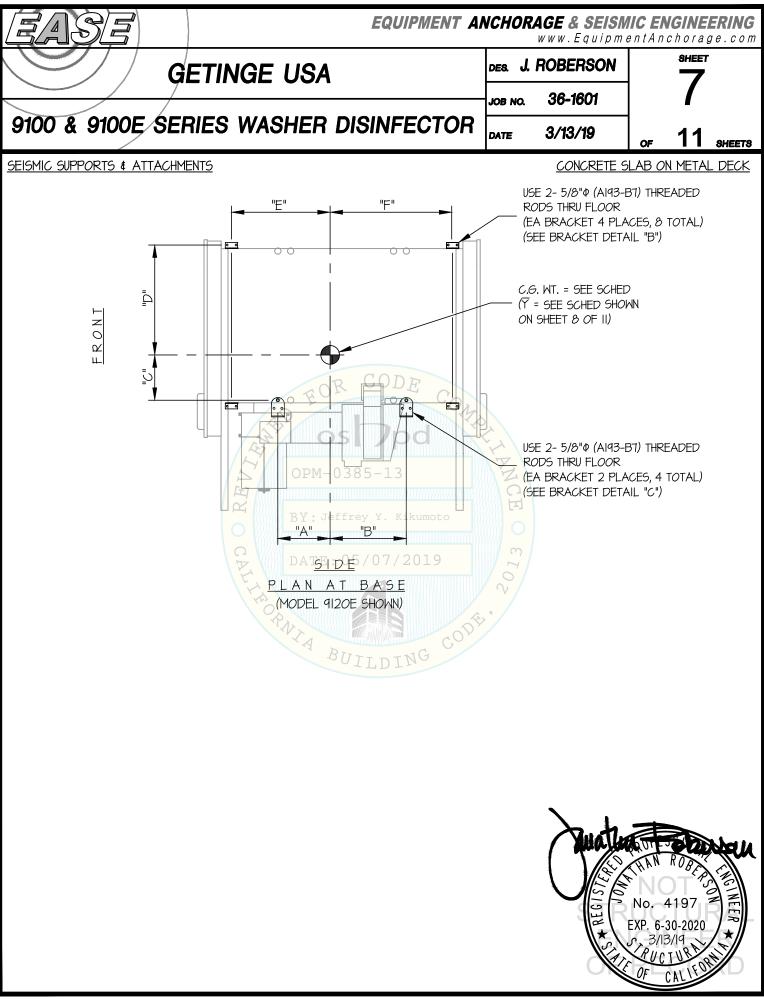




EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING www.EquipmentAnchorage.com													
GETINGE USA DES. J. ROBERSON										·	SHEET		
		GETIN	IGE	037					JOB N	ю 3	6-1601		5
9100 &	9100E	SERIES	WAS	HER	DIS	INFE	стоі	R	DATE		/13/19		
									DATE		/ 10/ 19	0	of 11 SHEETS
<u>SEISMIC SUPPORTS & ATTACHMENTS</u> <u>CONCRETE SLAB</u>													
_											۲.	*	-
	MODEL NUMBER	WEIGHT (Ib.)	"A" (in.)	"B" (in.)	"C" (in.)	"D" (in.)	"E" (in.)	"F"	(in.)	7 (in.)	* Tu (lb.)	Ŷu (lb.)	
	9027	5500	32.96	42.92	13.62	37.66	46.26	56.	22	42.91	1690	984	
	9120	5290	26.55	36.52	13.62	37.66	33.46	43,	43	43.11	1956	952	
	9122	5840	20.04	29.21	17.36	42,21	37.79	46.	.97	46.46			- OMIT
	9125	5500	31.48	41.44	13.62	37.66	43.31	53.	27	43.11	1766	985	
	9128	5730	34.92	44.89	13.62	37.66	50.2	60.	.17	43.11	1686	1024	
	9120E	4900	27.38	36.05	4.02	47.79	34.25	42.	.96	414	2060	1050	
	9122EW	5180	28.96	38.25	8.17	51.82	37.83	47.	.13	43.82	2028	1053	
	9125E	5180	32.43	40.64	5.01	46.80	944.32	52.	46	41.26	1840	1086	
	9127E	5270	34.01	42.06 /1	- (537 85	_46.44	47.35	55.	36	41.32	1787	1097	
	9128E	5350	<mark>36</mark> .03	43.99	5.64	46.17	51.33	59.	26	<mark>41</mark> .22	1708	1107	
	9128EW	5480	<mark>36</mark> .14	43.87	ef 8 41	^Y 51,67 ^k	51,41	59.	.15	<mark>41</mark> .16	1642	1102	
* \	VALUES INCL	UDE Ω₀ (DEMAN	A		:05/			DÊ	2013	· /			







& 9100E SER		SHER	DISI	NFE	JIOR	DATE	3/	13/19								
MODEL	<u>TS</u>								OF	11 SHEET						
			SMIC SUPPORTS & ATTACHMENTS CONCRETE SLAB ON METAL DECK													
	-ΙΤ (lb.) "A" (ir	i.) "B" (in.)	"C" (in.)	"D" (in.)	"E" (in.)	"F" (in.)	7 (in.)	* Tu (lb.)	* Vu (lb.)							
9027 55	00 32.96	6 42.92	13.62	37.66	46.26	56.22	42.91	3295	1744							
9120 52	90 26.5	5 36.52	13.62	37.66	33.46	43.43	43.11	3748	1686							
9122 58	40 20.04	1 29.21	17.36	42,21	37,79	46.97	46.46			— ОМІТ						
9125 55	00 31.48	41.44	13.62	37.66	43.31	53.27	43.11	3431	1745							
9128 57	30 34.92	2 44.89	13.62	37.66	50.2	60.17	43.11	3303	1814							
9120E 49	00 27.38	36.05	4.02	47.79	34.25	42.96	41.4	3985	1859							
9122EW 51	30 2 <mark>8.9</mark> 0	38.25	8.17	51.82	37.83	47.13	43.82	3924	1866							
9125E 51	30 32.43	3 40.64	5.01	46.80	44.32	52.46	41.26	3616	1924							
9127E 52	70 34.0	42.06	⁰ 385 5.37 ⁵	46.44	47.35	55.36	41.32	3530	1943							
9128E 53	50 236.00	3 43,99	5.64	46.17	51,33	59.26	<mark>d 4</mark> 1.22	3396	1962							
9128EW 54	80 36.14	43.87	8.41	51.67	51.41	59.15	<mark>4</mark> 1.16	3275	1952							



