

APPLICATION FOR OSHPD SPECIAL SEISMIC	C	FFICE USE ONLY
CERTIFICATION PREAPPROVAL (OSP)	APPLICATION #:	OSP – 0622
OSHPD Special Seismic Certification Preapproval (OSP)		
Type: 🛛 New 🗌 Renewal		
Manufacturer Information		
Manufacturer: Philips Healthcare		
Manufacturer's Technical Representative: Curtis Stemm		
Mailing Address: Veenpluis 4-6, 5684 PC Best, The Netherlands		
Telephone: On File		
Product Information	MD,	
Product Name: Vereos PET/CT System OSHPD	F	
Product Type: PET-CT System OSP-0622	- Cri	
Product Model Number: <u>See Attachment 1</u> (List all unique product identification numbers and/or part numbers) State	lin	
General Description: <u>Multiple component diagnostic imaging system</u> (PET) and X-ray Computed Tomography (CT) systems. Seismic certific Attachment 1 for functions related to CT diagnostic Imaging. Seismic enhancements required to address anomalies observed during the test	that combines Pos cation is limited to s enhancements inco ts shall be incorpor	sitron Emission Tomography system components listed in proprated into the test units and rated into the certified units.
Mounting Description: Rigid Base mount / Rigid Wall Mount / See Att	achm <mark>en</mark> t 1.	
	OF.	
Applicant Information		
Applicant Company Name: EASE		
Contact Person:Jonathan Roberson, S.E.		
Mailing Address: 5877 Pine Ave, Suite 210, Chino Hills, CA. 91709		
Telephone: (909) 606-7622 Email: j.roberg	son@easeco.com	
I hereby agree to reimburse the Office of Statewide Health F accordance with the California Administrative Code, 2016.	Planning and De	velopment review fees in
Signature of Applicant:		Date: September 30, 2019
Title: Principal Structural Engineer Company Name: EASE	1	0.01100
"Access to Safe, Quality Healthcare Environments that Meet California's Diverse and Dynamic Needs"	AL AMAAAA	OSHPD
STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY OSH-FD-759 (REV 12/16/15)	And h he ha	Page 1 of 3



California Licensed Structural Engineer Responsible for the Engineering and Test Report(s)
Company Name: EASE
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: j.roberson@easeco.com
Supports and Attachments Preapproval
 Supports and attachments are preapproved under OPM- (Separate application for OSHPD Preapproval of Manufacturer's Certification (OPM) of Supports and attachments is required) Supports and attachments are not preapproved
Certification Method
 Testing in accordance with: ICC-ES AC156 Other (Please Specify): OSP-0622
BY: William Staehlin
Testing Laboratory DATE: 05/13/2021
Company Name: Environmental Testing Laboratory, Inc.
Contact Name: Brady Richard
Mailing Address:11034 Indian Trail, Dallas, TX, 75229-3513
Telephone: (972) 247-9657 Email: brady@etIdallas.com

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OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT FACILITIES DEVELOPMENT DIVISION

Seismic Parameters
Design in accordance with ASCE 7-10 Chapter 13: 🖂 Yes 🗌 No
Design Basis of Equipment or Components (Fp/Wp) = <u>See Attachment 1</u>
S _{DS} (Design spectral response acceleration at short period, g) = 2.00
a _p (In-structure equipment or component amplification factor) = <u>See Attachment 1</u>
R _p (Equipment or component response modification factor) = See Attachment 1
Ω_0 (System overstrength factor) = See Attachment 1
I _p (Importance factor) = 1.5
z/h (Height factor ratio) =
Equipment or Component Natural Frequencies (Hz) = See Attachment 2
Overall dimensions and weight (or range thereof) = See Attachment 1
Equipment or Components @ grade designed in accordance with ASCE 7-10 Chapter 15: Yes X No
Design Basis of Equipment or Components (V/W) =
S _{DS} (Design spectral response acceleration at short period, g) =
S _{D1} (Design spectral response acceleration at 1 second period, g) =
R (Response modification coefficient) =
Ω₀ (System overstrength factor) =
C₄ (Deflection amplification factor) =
I _P (Importance factor) = 1.5 DATE: 05/13/2021
Height to Center of Gravit <mark>y above</mark> base =
Equipment or Component Natural Frequencies (Hz) =
Overall dimensions and weight (or range thereof) =
Tank(s) designed in accordance with ASME BPVC, 2015: 🔲 Yes 🖾 No
List of Attachments Supporting Special Seismic Certification
 Test Report(s) Drawings Calculations Manufacturer's Catalog Other(s) (Please Specify): Attachments 1 & 2
OSHPD Approval (For Office Use Only) – Approval Expires on December 31, 2025
$\sum \alpha d \alpha$
Signature: Date: May 13, 2021
Print Name: <u>William Staehlin</u> Title: <u>Senior Structural Engineer</u>
Special Seismic Certification Valid Up to : $S_{DS}(g) = 2.00$ $z/h = 1$
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-759 (REV 12/16/15)

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In Mag



ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

Philips Healthcare

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TABLE 1:

System Mfr PHILIPS HEALTHC	ARE								0 0	0 =1 =//-	
System VEREOS PET-CT S	SYSTEM (4598	00939401)	[3]						$S_{DS} = 2.0 \text{ at } 2/11 = 1$		
	PART	APPROX.	DIMENSI	ONS (IN.)	MAX. WT.						
COMPONENT	NUMBER	W	D	H H	(LB.)	MOUNT	BASIS ^[1]	F₽/ ₩₽	ap	R _P	Ω₀
GANTRIES											
Digital PET/CT Gantry, Integrated	3]			ORCO	DF						
CT Gantry for Digital PET	459800939011	83.1	86.8	81.31	5695	Rigid Base	UUT-1A	2.40	1	1 ½	2
DIGI PET Gantry	459800366301		NE								
PATIENT TABLES				120	PD						
Patient Support Fully Tested Comp Assy ^[3]	459801203551	104.4-183	23.0	24.9 – 42	1260 [2]	Rigid Base	UUT-12	2.40	1	1 ½	2
Patient Support, Vereos [3]	459801737931	104 <mark>.4-217</mark>	23.0	24.9 – 42	1213 [2]	Rigid Base	UUT-15	2.40	1	1 ½	2
Patient Support, Vereos [3]	459801825531	10 <mark>4.4-21</mark> 7	23.0	24.9 - 42	1224 ^[2]	Rigid Base	UUT-2003-1	2.40	1	1 ½	2
Floor MT Catcher	459800366313	17.3	35.7	Visiam	Stasshlin	Rigid Base	UUT-3A	2.40	1	1 ½	2
Floor Mounted Catcher	459800366314	17.3	35.7	37.1	188	Rigid Base	UUT-2003-2	2.40	1	1 ½	2
CONSOLES				- 05/13	0/2021						
NMRS G5 Dual Workstation ^[3]	459800416301	3 <mark>6.0</mark>	32.0	30.1	311	Rig <mark>id Bas</mark> e	UUT-4 ^[3]	1.44	1	2 1⁄2	2
LCC CRC RACK DVI w/ [4][5] (Granite)	455012005711	CF				010					
Common Host Computer (CRC) (HP z440)	459800918411	24.0	35.5	29.9	307	Rigid Base	UUT-1503-3	1.44	1	2 1⁄2	2
CIRS Computer (HP z840)	459800914091		~~~	- And Internal Property of the	CO						
LCC CRC RACK DVI w/ [4] (Granite)	455012005711			ABUIL	DING						
Common Host Computer (CRC) (HP z440)	459800918411	24.0	35.6	29.9	307	Rigid Base	INT	1.44	1	2 1⁄2	2
CIRS Computer (HP z840)	459801305071										
CRC RACK w/ ^{[5][6]} (Avnet)	459801089011										
Common Host Computer (CRC) (HP z440)	459801304931	24.0	35.6	29.9	318	Rigid Base	UUT-1713-1	1.44	1	2 1⁄2	2
CIRS Computer (HP z840)	459801305071										

Table continues next page



ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

Philips Healthcare

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TABLE 1:

System Mfr	PHILIPS HEALTHO	CARE								0 0	0 =1 =//-	4
System	System VEREOS PET-CT SYSTEM (459800939401) ^[3]										.0 at z/n =	= 1
PART APPROX. DIMENSIONS (IN.) MAX. WT.												
COMPONENT		NUMBER	W	D	Н	(LB.)	MOUNT	BASIS ^[1]	F _P /W _P	aP	RP	Ω0
POWER DIST	RIBUTION											
PDU		459800442351	22	25	49.4	966	Rigid Base	UUT-6	1.44	1	2 1⁄2	2
GPP	[3]	459800633012	24	32.4	51.6	838	Rigid Base	UUT-7A	1.50	2 1⁄2	6	2
USER INTERF	ACE			JEV			0,	•			•	
CT Box	[3]	453567105234	15.8	4	3.5	HP4	Countertop Anchored	UUT-8	1.44	1	2 1⁄2	2
PERIPHERAL	S		41				46					
Dehumidifier	[3]	459800383383	24.0	32.4	31.6	062273	Rigid Base	UUT-9	1.8	1	2 1⁄2	2
Liquid Chiller	[3]	459800383433	29.9	34.0	38.3	360	Rigid Base	UUT-11A	1.44	1	2 1⁄2	2
Mount	Rigid Base: free-stan Countertop Anchored	ding, base-mounted : unit is anchored to	d configuration a c <mark>ounte</mark> r, d	on with the esk, or oth	component ner piece of	rigidly attached t rigid fixed furnitur	o a supporting s re.	tructure and no	lateral suppo	ort above th	ne base.	
Notes	 Basis: UUT#: Indicate INT (Interpolation models in the Patient table we Requires use of Requires use of Model not used Requires use of Requires use of 	es that a unit match te/Extrapolate): indi product line. ight does not includ Philips Healthcare Philips Healthcare with this system; it i Philips Healthcare	ing these cha cates a mode e the 345 lb. Seismic Insta Gen 5.X Con s included or CRC Rack S	aracteristic el not spec patient loa all Kit, Vere sole Seisr aly for purp eismic pac	cs was teste iffically teste ad present c eos (PN: 45 nic Kit (Part cose of inter ckage Kit (P	d as part of this to d, for which seisr luring testing. 9800939391) or e No. 4598 008 81 polation. art No. 4598 013	esting program. nic certification i equivalent). 561) or equivale 57921) or equiv	s established th ent. alent.	rough evalu	ation of tes	ting of othe	er, similar





Philips Healthcare

ATTACHMENT 2: TEST SPECIMEN SUMMARY

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UUT-1A	PET/CT Gant	ry				
Manufacturer:	Philips Medical Syste	ms (Cleveland) Inc.				
Identification:	System Part No.: 459 CT Gantry for Digital (Ingenuity CT Gantry PET Gantry	800939401 / SN: 4009 PET Part No. 459800) Part No. 459800	5 939011 366301		67	Lange La
Description:	Component of the Ve Engineering verification Includes enhancement resistance which were standardized kit: <u>CT GANTRY:</u> Addition 453567486371). Com (PN: 459800939391) mounting brackets to <u>PET GANTRY:</u> Addition (PN: 459801551671). Vereos (PN: 45980055 Gantry Hinge PIN to standard	reos PET/CT system on / validation unit / Pr nts and modifications t e subsequently release n of Seismic Locking I nponent of Seismic Ins Installation of 5/16" P the Gantry Frame ion of Vereos PET Gai Component of Seism 039391). Installation of secure PET Gantry to	roduction equivalent to improve seismic ed as part of Pin Kit (PN: stall Kit, Vereos Pins to secure ntry Seismic Kit ic Install Kit, second PET CT Gantry			
Mounting:	Rigid Base (Floor) mo Grade 5 bolts w/ Phili	<u>bunted</u> using (8) – 5/8" ps supplied washer kit	' dia. SAE J429 t.		9	
	Dimensions (in.)		DALD	Lowes	t Resonant Frequenc	cy (Hz.)
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
83.1	86.8	81.31	5695 22	11.41	6.38	16.2
ICC-ES AC156 S	hake Table Test Para <mark>me</mark>	ters				Code: 2016 CBC
S _{DS} (G)	z/h	IBY: Wi	Ilia Aflx-H (G)aeh	A _{RIG-H} (G)	A _{FLX-V} (G)	A _{RIG-V} (G)
2.0	1	1.5	3.20	2.40	1.34	0.54
Unit satisfied AC1	56 requirements for struc	tural integrity and mar	ufacturen requirements	s for functionality after	r AC156 test	

nit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.

UUT-12	Patient Supp	ort		010			
Manufacturer:	Philips Medical Syste	ms (Cleveland) Inc.				And the second second	
Identification:	Part No.: 459801203551 (No label) Serial No.: (No label)						
Description:	Component of Vereos PET-CT System Validation unit / Production equivalent Includes enhancements and modifications to improve seismic resistance, which were subsequently released as Couch Seismic Kit Assembly (PN: 459801536351). Component of Seismic Install Kit, Vereos (PN: 459800939391).						
Mounting:	<u>Rigid Base (Floor) mo</u> Grade 8 bolts w/ Phili	<u>ounted</u> using (8) – 5/8 ps supplied bushing &	" dia. SAE J429 & washer kit.				
	Dimensions (in.)			Lowes	st Resonant Frequen	cy (Hz.)	
Width	Depth	Height	Weight (lb.)	Transv -Axis	Longit -Axis	Vert-Axis	
183	23	36	1260	3.33	3.03	13.66	
ICC-ES AC156 SHA	AKE TABLE TEST PAR	RAMETERS				CODE: 2016 CBC	
S _{DS} (G)	z/h	I _P	A _{FLX-H} (G)	A _{RIG-H} (G)	A _{FLX-V} (G)	A _{RIG-V} (G)	
2.0	1	1.5	3.20	2.40	1.34	0.54	
Unit satisfied AC156	S requirements for struc	tural integrity and mai	nufacturer requiremen	nts for functionality after	er AC156 test.		



Philips Healthcare

ATTACHMENT 2: TEST SPECIMEN SUMMARY

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UUT-3A	Floor MT Ca	tcher				
Manufacturer:	Philips Medical Sys	tems (Cleveland) Inc.				
Identification:	Part No.: 45980036 Serial No.: 4005 (S	6313 (stem)		K	1-5	
Description: Mounting:	Component of the N Provides support fo extended through b <u>Rigid Base (Floor) r</u> Grade 5 bolts with v	/ereos PET/CT syster r upper cradle of patie ore of gantry. <u>nounted</u> using (4) – ³ /v vashers.	m ent table when 4" dia. SAE J429			
	Dimensions (in			Lowes	t Resonant Frequen	cy (Hz.)
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
17.3	35.7	37.1	185	>50	22.28	12.58
ICC-ES AC156 SI	hake Table Test Paran	neters				Code: 2016 CBC
S _{DS} (G)	z/h	₽ I _P	OSPAFLX-H (G)-2	A _{RIG-H} (G)	A _{FLX-V} (G)	A _{RIG-V} (G)
2.0	1	1.5	3.20	2.40	1.34	0.54
Unit satisfied AC1	56 requirements for stru	uctural integrity and m	anufacturer requirements	for functionality afte	r AC156 test.	

001-4	NMRS	DATE	.05/13/2021			
Manufacturer:	Granite Medsystems	& Philips Medical S	ystems Cleveland			GT
Identification:	Part No.: 459800416301 Serial No.: 50424S00333 No label for top level #					
Description:	Rack Granite 455012 PC 1: Supermicro (44 PC: HP Z840 (HP Pr Includes enhanceme resistance, which we standardized kit:	2005711 59800396181) oduct No. F5G73AV nts and modification re subsequently rele	BUILDING bis to improve seismic cased as part of		X	
	 Addition of NMF Component of \$ 459800939391) computer contai 	RS Gen5.X Dual Work Seismic Install Kit, Ve . Installation of floor inment brackets.	rkstation Seismic Kit. ereos (PN: mounting kit and			
Mounting:	Addition of NMF Component of \$ 459800939391) computer conta <u>Rigid Base (Floor) m</u> cap screws.	RS Gen5.X Dual Work Seismic Install Kit, Ve . Installation of floor inment brackets. ounted using (4) – ³ /	rkstation Seismic Kit. ereos (PN: mounting kit and 4" dia. socket head			
Mounting:	Addition of NMF Component of \$ 459800939391) computer conta <u>Rigid Base (Floor) m</u> cap screws. Dimensions (in.)	RS Gen5.X Dual Wor Seismic Install Kit, Ve . Installation of floor inment brackets. ounted using (4) – %	rkstation Seismic Kit. ereos (PN: mounting kit and 4" dia. socket head	Lower	st Resonant Frequence	cy (Hz.)
<i>Mounting:</i> Width	Addition of NMF Component of \$ 459800939391) computer conta <u>Rigid Base (Floor) m</u> cap screws. Dimensions (in.) Depth	RS Gen5.X Dual Work Seismic Install Kit, Ve . Installation of floor inment brackets. <u>ounted</u> using (4) – ³ / Height	rkstation Seismic Kit. ereos (PN: mounting kit and 4" dia. socket head Weight (lb.)	Lowes Side-Axis	st Resonant Frequent Front-Axis	cy (Hz.) Vert-Axis
Mounting: Width 24	Addition of NMF Component of § 459800939391) computer conta <u>Rigid Base (Floor) m</u> cap screws. Dimensions (in.) Depth 35.5	RS Gen5.X Dual Work Seismic Install Kit, Ve . Installation of floor inment brackets. <u>ounted</u> using (4) – ³ / Height 29.9	rkstation Seismic Kit. ereos (PN: mounting kit and 4" dia. socket head Weight (lb.) 311	Lowes Side-Axis 14.12	st Resonant Frequence Front-Axis 21.55	cy (Hz.) Vert-Axis 20.77
Mounting: Width 24 ICC-ES AC156 S	Addition of NMF Component of \$ 459800939391) computer conta <u>Rigid Base (Floor) m</u> cap screws. Dimensions (in.) Depth 35.5 jhake Table Test Parametee	RS Gen5.X Dual Work Seismic Install Kit, Ve . Installation of floor inment brackets. <u>ounted</u> using (4) – ³ / Height 29.9 eters	rkstation Seismic Kit. ereos (PN: mounting kit and 4" dia. socket head Weight (lb.) 311	Lowes Side-Axis 14.12	St Resonant Frequence Front-Axis 21.55	cy (Hz.) Vert-Axis 20.77 Code: 2016 CB
Mounting: Width 24 ICC-ES AC156 S S _{DS} (G)	Addition of NMF Component of \$ 459800939391) computer conta Rigid Base (Floor) m cap screws. Dimensions (in.) Depth 35.5 hake Table Test Parame z/h	RS Gen5.X Dual Wo Seismic Install Kit, Ve . Installation of floor inment brackets. <u>ounted</u> using (4) – ³ / Height 29.9 eters	rkstation Seismic Kit. ereos (PN: mounting kit and 4" dia. socket head Weight (lb.) 311 A _{FLX-H} (G)	Lowes Side-Axis 14.12 A _{RIG-H} (G)	St Resonant Frequence Front-Axis 21.55 A _{FLX-V} (G)	cy (Hz.) Vert-Axis 20.77 Code: 2016 CB A _{RIG-V} (G)
Mounting: Width 24 ICC-ES AC156 S S _{DS} (G) 2.0 2.5	Addition of NMF Component of § 459800939391) computer conta <u>Rigid Base (Floor) m</u> cap screws. Dimensions (in.) Depth 35.5 Shake Table Test Parame z/h 1 0	RS Gen5.X Dual Wo Seismic Install Kit, Ve . Installation of floor inment brackets. <u>ounted</u> using (4) – ³ / Height 29.9 eters IP 1.5	rkstation Seismic Kit. ereos (PN: mounting kit and 4" dia. socket head Weight (Ib.) 311 A _{FLX-H} (G) 3.20	Lowes Side-Axis 14.12 A _{RIG-H} (G) 2.40	St Resonant Frequence Front-Axis 21.55 A _{FLX-V} (G) 1.68	Cy (Hz.) Vert-Axis 20.77 Code: 2016 CB A _{RIG-V} (G) 0.68



Philips Healthcare

ATTACHMENT 2: TEST SPECIMEN SUMMARY

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UUT-6	PDU					
Manufacturer:	Controlled Power	Co.				There
Identification:	Part No.: 4598004 Serial No.: 6K-022	442351 207		G		
Description:	Component of the Engineering verifi equivalent	e Vereos PET/CT sys cation / validation uni	item it. Production	A		
	SURE Image ima conditioner	ging and treatment s	eries power			
	Floor Anchoring E shipment.	Brackets are included	in normal			
Mounting:	Rigid Base (Floor J429 Grade 5 bol) <u>mounted</u> using (6) - ts w/ washer.	R CODE C		Uns	
	Dimensions (in	.) EV		Lowest	Resonant Freque	ncy (Hz.)
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
22	25	49.4	966	14.69	9.7	30.06
ICC-ES AC156 S	hake Table Test P	arameters	DSP-0622	1 m		Code: 2016 CBC
S _{DS} (G)	z/h	lP	A _{FLX-H} (G)	A _{RIG-н} (G)	A _{FLX-V} (G)	Arig-v (G)
2.0 2.5	1 0	1,5Y: Wi	llian3.20taeh	1 in 2.40	1.68	0.68
Unit satisfied AC1	56 requirements fo	<mark>r structural integrity a</mark>	ind manufacturer re	quirements f <mark>or fun</mark> c	tionality after AC15	6 test.
		DATE:	J5/13/2021			
· · · · · - · · ·						

UUT-7A	GPP	0	4	<u> </u>				
Manufacturer:	Staco Energy Prod	ucts Co.		2	e			
Identification:	Part No.: 45980063 Serial No.: 13288	3011 ORNIA	BUILDING	CODE				
Description:	Component of the Vereos PET/CT system Modifications at Lab: Install supplemental locking assembly at top and bottom of each door to secure door closed throughout test.							
Mounting:	<u>Rigid Base (Floor) </u> J429 Grade 5 bolts	<u>mounted</u> using (4) - w/ 5 washer 5.	- 3/8" dia. SAE					
	Dimensions (in.)			Lowes	st Resonant Frequen	cy (Hz.)		
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis		
24	32.4	51.6	838	9.49	4.64	12.39		
ICC-ES AC156 S	hake Table Test Par	ameters				Code: 2016 CBC		
S _{DS} (G)	z/h	l _Ρ	A _{FLX-H} (G)	A _{RIG-H} (G)	A _{FLX-V} (G)	A _{RIG-V} (G)		
2.0	1	1.5	3.20	2.40	1.34	0.54		
Unit satisfied AC1	56 requirements for s	structural integrity a	ind manufacturer re	equirements for func	tionality after AC15	6 test.		



ATTACHMENT 2: TEST SPECIMEN SUMMARY

Philips Healthcare

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UUT-8	СТ Вох					
Manufacturer:	Philips Medical S	ystems (Cleveland)	Inc.		1	1. A.
Identification:	Part No.: 453567 Serial No.: 071	105233				1
Description:	Component of the	e Vereos PET/CT sy	/stem	11A		
	Installation of CT (PN: 4598011475 Vereos (PN: 4595	BOX SEISMIC MO 561). Component of 800939391)	UNTING STRIP Seismic Install Kit,			
Mounting:	<u>Rigid Base (Floo</u> Lock 6730 Tape a	r <u>) mounted</u> using (2) at each tapered leg) – 1" x 3" 3M Dual		Mar	
	Dimensions (ir	ı.)		Lowest	Resonant Frequer	ncy (Hz.)
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
15.8	4	3.5	JJT4PU	35.36	42.09	>50
ICC-ES AC156	Shake Table Test P	arameters	000 0622	- C		Code: 2016 CBC
S _{DS} (G)	z/h	IP	Aflx-h (G)	Arig-н (G)	A _{FLX-V} (G)	A _{RIG-V} (G)
2.0 2.5	1 0	^{1.5} BY: W	/illiam ^{3.20} taeh	lin ^{2.40}	1.68	0.68
Unit satisfied AC	C156 requirements for	or structural integrity	and manufacturer rec	uirements for fund	tionality after AC15	6 test.

	OF.	11	\cap /	$\cap \cap$	$\mathbf{v} \mathbf{v} \mathbf{v}$	
A *		/ 1	~ 1	- 71	1 7 1	
7 A V						

UUT-9	Dehumidifier	DATE.				
Manufacturer:	Parker Hannifin Ma	nufacturing S.r.1.				
Identification:	Part No.: 45980038 Serial No.: Z180922	3383 26				
Description: Mounting:	Component of the Ver Parker Model No.: DF 208-230 VAC 9.0A 50/60 Hz 1 Phas Includes enhancemer resistance, which wer standardized kit: Installation of Seismic 459801553621). Com (PN: 459800939391) <u>Rigid Base (Floor) n</u>	eos PET/CT system -PHMAC1 e SSCR=5000A tts and modifications t e subsequently releas Dehumidifier Floor M ponent of Seismic Ins mounted using (8) -	bo improve seismic sed as part of Itg Bracket (PN: stall Kit, Vereos			
	noud cape corone (1	
	Dimensions (in.)			Lowest	Resonant Freque	ncy (Hz.)
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
24.0	32.4	31.6	273	>50	28.0	39.1
ICC-ES AC156 Shake Table Test Parameters Code: 2010						
S _{DS} (G)	z/h	lP	Aflx-h (G)	A _{RIG-H} (G)	A _{FLX-V} (G)	Arig-v (G)
2.0 2.5	1 0	1.5	3.20	2.40	1.68	0.68
Unit satisfied AC1	56 requirements for s	structural integrity a	nd manufacturer re	equirements for func	tionality after AC15	6 test.



Philips Healthcare

ATTACHMENT 2: TEST SPECIMEN SUMMARY

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UUT-11A	Liquid Chille	er /				
Manufacturer:	Parker / Hiross			-		
Identification:	Part No.: 459800 Serial No.: 39907	383433 35510005				
Description:	Component of the Unit full of water-O level. Includes enhance seismic resistance as part of standar Installation of Ass 459801216731). Component of Se 459800939391)	Vereos PET/CT sy Glycol coolant to sta ments and modifica e, which were subse dized kit: y, Chiller Seismic (I ismic Install Kit, Ver	vstem andard operating ations to improve equently released PN: reos (PN:			
Mounting:	Rigid Base (Floor head caps screws) mounted using (8) s w/ washers.	R CODE C			
	Dimensions (in	.)		Lowest	Resonant Freque	ency (Hz.)
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
29.9	34	38.25		17.65	25.96	21.09
ICC-ES AC156 Shake Table Test Parameters			OSP-0622	S.		Code: 2016 CBC
S _{DS} (G)	z/h	IP	A _{FLX-H} (G)	Arig-н (G)	A _{FLX-V} (G)	A _{RIG-V} (G)
2.0	1	1.5		2.40	1.34	0.54
Unit satisfied AC1	56 requirements fo	r structural integrity	and manufacturer re-	auirements for fund	tionality after AC15	6 test.

UUT-15 Patient Support, Vereos E: 05/13/2021

Manufacturer:	Philips Medical Sys	stems Technologies	Limited		R Net	
Identification:	Part No.: 45980173 Serial No.: N/A (en	37931 gineering validation	unit)		REEL	
Description:	Component of Vere Engineering validat Also labeled: P/N 4 delivered from supp before final Philips changes assembly Includes Couch Se 459801536351), su Install Kit, Vereos (eos PET-CT System 598-009-17685; S/ olier, Benchmark El internal function tes to 459801737931 ismic Kit Assembly ib-assembly of Seis PN: 459800939391	h equivalent N BM39-0001, as ectronics PT, st, which then (PN: smic System).	UUT-15		
Mounting:	<u>Rigid Base mounte</u> Grade 8 bolts w/ Pl	<u>d</u> using (8) – 5/8" d hilips supplied bush	ia. SAE J429 ing & washer kit.	1	i i	
	Dimensions (in.))		Lowest	Resonant Frequer	ncy (Hz.)
Width	Depth	Height	Weight (lb.)	TransvAxis	LongitAxis	VertAxis
104.4 - 217	23	24.9 - 42	1213	5.27	19.74	9.81
ICC-ES AC156 S	HAKE TABLE TEST	PARAMETERS CODE: 2016	CBC			
S _{DS} (G)	z/h	IP	A _{FLX-H} (G)	A _{RIG-H} (G)	A _{FLX-V} (G)	A _{RIG-V} (G)
2.0	1	1.5	3.20	2.40	1.34	0.54
Unit satisfied AC	156 requirements for	structural integrity a	nd manufacturer re	equirements for func	tionality after AC15	6 test.



Philips Healthcare

ATTACHMENT 2: TEST SPECIMEN SUMMARY

ATTACHMENT PAGE | 6 OF 7

UUT-1503-A	3 LCC CRC RA									
Manufacturer:	Philips Medical Sys Granite Medsystem	tems Cleveland & s	Š.			MAR				
Identification:	dentification: Rack CRC CIRS 455012005711 459800918411 459800914091									
Description:	Description: LCC CRC RACK DVI consist of : • Common Host Computer (CRC) (Host, HP z440, CAN, Adaptor) • CIRS Computer (CIRS, HP z840 E5-2620v3 4Drv, SN5BP, ACQ4e) • Gen 5.X Console Seismic Kit (4598 008 81561) Test unit was fully populated at time of test									
Mounting:	Mounting: Rigid Base (Floor) mounted using $(4) - \frac{3}{4}$ dia. socket head cap screws. Read cap screws. Read Construction									
	Dimensions (in.)	EDF		Lowest	t Resonant Frequei	ncy (Hz.)				
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis				
24	35.5	29.9	307 U	9.4	5.6	20.8				
ICC-ES AC156 S	Shake Table Test Par	ameters	- C		Code: 2016 CBC					
S _{DS} (G)	z/h	< IP	A _{FLX-H} (G)	Arig-н (G)	A _{FLX-V} (G)	A _{RIG-V} (G)				
2.5	1	1.5	4.00	3.00	1.68	0.68				
Unit satisfied AC	156 requirements for s	tructural integrity	and manufacturer re	quirements for fund	tionality after AC15	6 test				

UUT-1713-1 LCC CRC RACK DVDATE: 05/13/2021

		VIAU				
Manufacturer:	Philips Healthcare Avnet Technology	& Solutions (Tianjin	6			
Identification:	Rack 455012005711	CRC 459800918411	CIRS 459801305071	CODE		
Description:	CRC RACK (Avne • Common Host Host z440, CA • CIRS Comput Mouse, CAN, CRC Rack Seis Test unit was fi	t) including: t Computer (CRC) N, Adapter er (HP z840): UPE Adapter smic package KIT ully populated at tii	(HP z440): UPD D Host z440, Kbd, (4598 013 57921) me of test.			
Mounting:	<u>Rigid Base (Floor)</u> head cap screws.	<u>mounted</u> using (4	l) – ¾" dia. socket			
	Dimensions (in.)		Lowest	Resonant Freque	ncy (Hz.)
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
24.0	35.6	29.9	317.5	12.58	11.54	21.43
ICC-ES AC156	Shake Table Test Pa	rameters			Code: 2016 CBC	
S _{DS} (G)	z/h	lP	A _{FLX-H} (G)	Arig-н (G)	A _{FLX-V} (G)	Arig-v (G)
2.0 2.5	1 0	1.5	3.2	2.4	1.68	0.68
Unit satisfied AC	156 requirements for	structural integrity	and manufacturer re	equirements for fund	tionality after AC15	6 test.



Philips Healthcare

ATTACHMENT 2: TEST SPECIMEN SUMMARY

ATTACHMENT PAGE | 7 OF 7

UUT-2003-1	Patient Supp	ort, Complete	e Assembly				
Manufacturer:	Philips Healthcare	(Suzhou) Co., Ltd.			and the stand of the stand of the		
Identification:	Part No.: 4598018 Serial No.: NPTR	25531 13		8 A . A			
Description:	Component of Ver	eos PET-CT System					
	Patient Support						
	Includes support trusses and stiffening plates which are part of required Couch Seismic Kit Assembly (PN: 459801536351), which is a sub-assembly of Seismic System Install Kit, Vereos (PN: 459800939391). Included 345 lb patient load during test. *Test Configuration: Width = 217 in. Height = 37 in						
Mounting:	<u>Rigid Base mount</u> Grade 8 bolts w/ F	<u>ed</u> using (8) – 5/8" Philips supplied bus	dia. SAE J429 hing & washer kit.	MA			
	Dimensions (in.		NSHPD	Lowest	Resonant Frequen	cy (Hz.)	
Width	Depth	Height	Weight (lb.)	TransvAxis	LongitAxis	VertAxis	
104.4 – 217*	23	24.9 – 42*	OSP122422	5.93	4.33	6.23	
ICC-ES AC156 SH	HAKE TABLE TE <mark>S</mark>	PARAMETERS				Code: 2019 CBC	
S _{DS} (G)	z/h	IBV: W	AFLX-H (G)	Arig-н (G)	A _{FLX-V} (G)	A _{RIG-V} (G)	
2.0 2.5	1 1.5 3.20 2.40 1.68 0.68						
Unit satisfied AC1	56 requirements for	structural integrity	and manufacturer re	quirements for func	tionality after AC156	i test.	

UUT-2003-2 Floor Mounted Catcher

Manufacturer: Identification:	Philips Healthcare Part No.: 4598003 Serial No.: NPTRC	(Suzhou) Co., Ltd. 66314 8	BUILDING				
Description:	Component of the Provides support f extended through	Vereos PET/CT sys or upper cradle of p bore of gantry.	stem atient table when		HU		
Mounting:	<u>Rigid Base (Floor)</u> J429 Grade 5 bolt	<u>mounted</u> using (4) s with washers.	– 5/8" dia. SAE				
	Dimensions (in.)			Lowest Resonant Frequency (Hz.)			
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis	
17.3	35.7	37.1	188	5.95	18.39	15.64	
ICC-ES AC156		Code: 2019 CBC					
S _{DS} (G)	z/h	I _P	A _{FLX-H} (G)	A _{RIG-H} (G)	A _{FLX-V} (G)	A _{RIG-V} (G)	
2.0 2.5	1 0	1.5	3.20	2.40	1.68	0.68	
Unit satisfied AC15	56 requirements for strue	ctural integrity and ma	nufacturer requiremen	ts for functionality afte	er AC156 test.		