



OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT  
FACILITIES DEVELOPMENT DIVISION

APPLICATION FOR OSHPD SPECIAL SEISMIC  
CERTIFICATION PREAPPROVAL (OSP)

OFFICE USE ONLY

APPLICATION #: OSP – 0061 – 10

OSHPD Special Seismic Certification Preapproval (OSP)

Type:  New  Renewal

Manufacturer Information

Manufacturer: Philips Healthcare

Manufacturer's Technical Representative: Cara Rau

Mailing Address: 4 Technology Drive, Irvine, CA. 92618

Telephone: (888) 233-0531 Email: Cara.rau@philips.com

Product Information

Product Name: EasyDiagnost Eleva RF system

Product Type: Radiography & Fluoroscopy (RF) system

Product Model Number: See Attachment 1, Table 1

(List all unique product identification numbers and/or part numbers)

General Description: Multiple component radiography & fluoroscopy system used for medical imaging. Seismic enhancements made to the test units and modifications required to address the anomalies observed during the tests shall be incorporated into the production units.

Mounting Description: See Attachment 1, Table 1

Applicant Information

Applicant Company Name: EASE Co.

Contact Person: Jonathan Roberson, S.E.

Mailing Address: 5877 Pine Ave, Suite 210, Chino Hills, CA. 91709

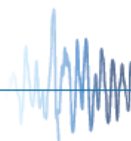
Telephone: (909) 606-7622 Email: J.Roberson@EASECo.com

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: 11/14/2014

Title: Principal Engineer Company Name: EASE Co.

"Access to Safe, Quality Healthcare Environments that Meet California's Diverse and Dynamic Needs"





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

**California Licensed Structural Engineer Responsible for the Engineering and Test Report(s)**

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: 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): \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

**Testing Laboratory**

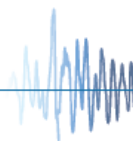
Company Name: Environmental Testing Laboratory, Inc.

Contact Name: Brady Richard

Mailing Address: 11034 Indian Trail, Dallas, TX 75229-3513

Telephone: 972-247-9657 Email: brady@etldallas.com

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Seismic Parameters

Design in accordance with ASCE 7-10 Chapter 13: [X] Yes [ ] No

Design Basis of Equipment or Components (Fp/Wp) = See Attachment 1, Table 1

Sds (Design spectral response acceleration at short period, g) = See Attachment 1, Table 1

ap (In-structure equipment or component amplification factor) = See Attachment 1, Table 1

Rp (Equipment or component response modification factor) = See Attachment 1, Table 1

Omega\_0 (System overstrength factor) = 1 1/2 (Table & Wall Stands) 2 1/2 (all others)

Ip (Importance factor) = 1.5

z/h (Height factor ratio) = 1

Equipment or Component Natural Frequencies (Hz) = See Attachment 2

Overall dimensions and weight (or range thereof) = See Attachment 1, Table 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) =

Sds (Design spectral response acceleration at short period, g) =

Sd1 (Design spectral response acceleration at 1 second period, g) =

R (Response modification coefficient) =

Omega\_0 (System overstrength factor) =

Cd (Deflection amplification factor) =

Ip (Importance factor) = 1.5

Height to Center of Gravity above base =

Equipment or Component Natural Frequencies (Hz) =

Overall dimensions and weight (or range thereof) =

Tank(s) designed in accordance with ASME BPVC, 2010: [ ] Yes [X] No

List of Attachments Supporting Special Seismic Certification

[X] Test Report(s) [ ] Drawings [ ] Calculations [ ] Manufacturer's Catalog

[X] Other(s) (Please Specify): Attachments 1 & 2

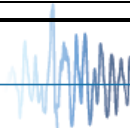
OSHPD Approval (For Office Use Only) - Approval Expires on December 31, 2019

Signature: [Handwritten Signature] Date: April 10, 2015

Print Name: Timothy J. Piland Title: SSE

Special Seismic Certification Valid Up to : Sds (g) = See Above z/h = 1

Condition of Approval (if applicable):



**ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS**

**TABLE 1:**

System Manufacturer		PHILIPS HEALTHCARE												
System		EASYDIAGNOST ELEVA RADIOGRAPGHY & FLUOROSCOPY SYSTEM (9890-010-03632)												
COMPONENT	MODEL NUMBER	APPROX. DIMENSIONS (IN.)			MAX. WT. (LB.)	MOUNT	BASIS <sup>[1]</sup>	F <sub>p</sub> /W <sub>p</sub>	S <sub>DS</sub>	z/h	a <sub>p</sub>	R <sub>p</sub>	Ω <sub>0</sub>	
		W	D	H										
<b>TABLE STANDS</b>														
Easy Diagnost Eleva Basic Unit Bucky Unit Portable (BUP) Tubelift (Geomat) SRO 2550 ROT 360 II System 38cm Seismic Failsafe set for BUP Trixell Pixium 5500 WPD	9890-010-03622 4512-201-07071 9848-500-39902 9890-000-86091 9896-010-31901 4512-134-45871 9890-010-87751	78.75	59.1	84.5	3185 <sup>[2]</sup>	Floor	UUT-1A UUT-1B	2.32	1.93	1	1	1 ½	1 ½	
Easy Diagnost Eleva Basic Unit Bucky Unit Portable (BUP) Tubelift (Geomat) SRO 2550 ROT 360 II System 38cm Seismic Failsafe set for BUP Trixell Pixium 5500 WPD	9890-010-03622 4512-201-07071 9848-500-39902 9890-000-86091 9896-010-31903 4512-134-45871 9890-010-87751	78.75	59.1	84.5	3185	Floor	SAME	2.32	1.93	1	1	1 ½	1 ½	
Easy Diagnost Eleva Basic Unit BUF FOCH FOCH sensing Tubeholder fixed II System 38cm SRM2250 GS ROT504	9890-010-03621 4512-202-01111 9848-500-47501 9848-500-39802 9896-010-31901 9890-000-63842	78.75	59.1	84.5	3185 <sup>[3]</sup>	Floor	A1	2.09	1.74	1	1	1 ½	1 ½	
<b>BUCKY WALL STANDS</b>														
Bucky Diagnost VS Digital BUP <sup>[6]</sup> Fixed Column motorized Vertical unit mot. BUP (non-tilting) Bucky Unit Portable Seismic Failsafe set for BUP Trixell Pixium 5500 WPD	9890-010-83641 4512-201-02731 4512-201-07211 4512-201-07071 4512-134-45871 9890-010-87751	23.5	21.4	81.9	467	Wall/Floor	UUT-6	2.32	1.93	1	1	1 ½	1 ½	
Bucky Diagnost VS Digital BUP <sup>[6]</sup> Fixed Column motorized Vertical unit mot. BUP (non-tilting) Bucky Unit Portable Seismic Failsafe set for BUP Trixell Pixium 5500 WPD	9890-010-83641 4512-201-02732 4512-201-07211 4512-201-07071 4512-134-45871 9890-010-87751	23.5	21.4	81.9	467	Wall/Floor	SAME	2.32	1.93	1	1	1 ½	1 ½	
Bucky Diagnost VS Digital <sup>[7]</sup> Tilting Column non-motorized Vertical unit tilt Bucky Unit 2 digital Trixell Pixium 4600 Fixed Detector	9890-010-83641 4512-201-02732 4512-201-07561 4512-201-03665 4512-201-06391	35.5	21.4	81.9	667	Wall/Floor	B1	2.32	1.93	1	1	1 ½	1 ½	

**ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS**

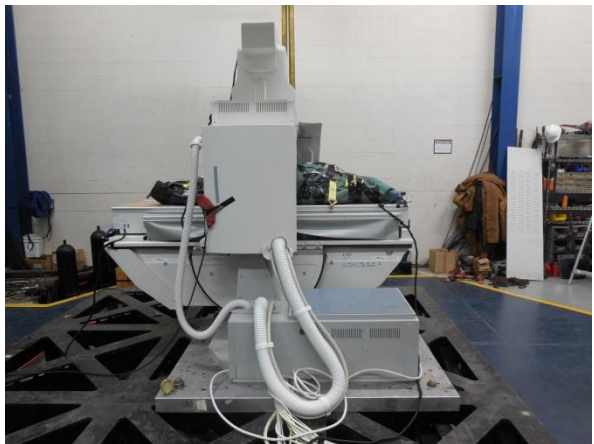
**TABLE 1: (CONTINUED)**


System Manufacturer		PHILIPS HEALTHCARE													
System		EASYDIAGNOST ELEVA RADIOGRAPGHY & FLUOROSCOPY SYSTEM (9890-010-03632)													
COMPONENT	MODEL NUMBER	APPROX. DIMENSIONS (IN.)			MAX. WT. (LB.)	MOUNT	BASIS <sup>[1]</sup>	F <sub>p</sub> /W <sub>p</sub>	S <sub>DS</sub>	z/h	a <sub>p</sub>	R <sub>p</sub>	Ω <sub>0</sub>		
		W	D	H											
Bucky Diagnost VS Advanced <sup>[8]</sup> Fixed Column non-motorized Vertical unit tracking (non-tilting) BUF analog (Analog cassette) Bucky Unit (BU 2) sensing	9890-010-83641 4512-201-02721 4512-201-02762 4512-202-02401 4512-201-02564	23.5	21.4	81.9	490	Wall/Floor	A2	2.09	1.74	1	1	1 ½	1 ½		
<b>X-RAY TUBE CEILING SUSPENSIONS</b>															
Ceiling Suspension CS III Tubemount alphadr. (motorized) SRO 33100 ROT 360 Tube	9890-010-87701 4512-201-06191 9890-000-86101	169.3	25.59	49 - 107	825	Ceiling	UUT-5	3.47	1.93	1	2 ½	2 ½	2 ½		
<b>X-RAY GENERATOR CABINETS</b>															
X-Ray Generator Velara (80/65/50kW) <sup>[4]</sup> Velara R/F 2T Rel.3	9890-000-02101 9890-000-70297	21.7	20.5	77	636	Wall/Floor	UUT-2	1.39	1.93	1	1	2 ½	2 ½		
X-Ray Generator Velara (80/65/50kW) <sup>[4]</sup> Velara GCF 2T Rel. 3 <sup>[5]</sup>	9890-000-02101 9890-000-70307	21.7	20.5	77	636	Wall/Floor	UUT-A3	1.25	1.74	1	1	2 ½	2 ½		
<b>SYSTEM CABINETS</b>															
DI Cabinet - Digital Imaging Control	4598-000-37322	21.7	20.5	77	364	Wall/Floor	UUT-3	1.39	1.93	1	1	2 ½	2 ½		
DI Cabinet - Digital Imaging Control	4598-000-37324	21.7	20.5	77	364	Wall/Floor	INT	1.39	1.93	1	1	2 ½	2 ½		
M Cabinet	9890-010-03622	21.7	20.5	77	397	Wall/Floor	UUT-4	1.39	1.93	1	1	2 ½	2 ½		
<b>USER INTERFACE</b>															
Viewforum (Dell T3600)	9896-061-03764	6.75	18.625	16.375	32	Floor	UUT-7	1.39	1.93	1	1	2 ½	2 ½		
Viewforum (Dell T3600)	9896-061-03766	6.75	18.625	16.375	32	Floor	INT								
Acquisition WorkSpot PC (AWS TD)	4512-201-07011	8.5	10.875	17.625	31	Floor	UUT-8								
Eleva Exam.Contr.Adv.(EECA)	9890-010-87393	18.5	13.125	19.75	38	CTA	UUT-11								
LCD19" MONOCHR. CTR. ROOM	9919-322-52101	16.75	7.5	19	17	CTA	UUT-12								
Review Module	9375-00319-005/A	9.5	8.5	2.25	3	CTA	UUT-13								
Dell Keyboard	KB212-B	17.875	5.6875	.875	~1.25	CTA	UUT-14								
Cherry Keyboard	4512-201-04982	18	6.625	1.75	~1.25	CTA	UUT-15								
Cherry Keyboard	4512-201-04983	18	6.625	1.75	~1.25	CTA	SAME								
<b>MISC</b>															
Docking Station w/ Trixell Pixium 5500 WPD	4512-201-06853 9890-010-87751	20.375	7.75	16.25	33.5 <sup>[9]</sup>	Wall	UUT-9	2.32	1.93	1	1	1 ½	1 ½		
Docking Station w/ Trixell Pixium 5500 WPD	4512-201-06853 9890-010-87752	20.375	7.75	16.25	33.5 <sup>[9]</sup>	Wall	SAME								


**ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS**


**TABLE 1: NOTES**

<i>System Manufacturer</i>		<b>PHILIPS HEALTHCARE</b>											
<i>System</i>		<b>EASYDIAGNOST ELEVA RADIOGRAPGHY &amp; FLUOROSCOPY SYSTEM (9890-010-03632)</b>											
COMPONENT	MODEL NUMBER	APPROX. DIMENSIONS (IN.)			MAX. WT. (LB.)	MOUNT	BASIS <sup>[1]</sup>	F <sub>p</sub> /W <sub>p</sub>	S <sub>DS</sub>	z/h	a <sub>p</sub>	R <sub>p</sub>	Ω <sub>0</sub>
		W	D	H									
<i>Mount</i>	<p><u>Floor (Rigid Base) Mount</u>: free-standing, base-mounted tower configuration with the component rigidly attached to a supporting structure and no lateral support above the base.</p> <p><u>Wall/Floor Mounted</u>: unit bears on, and is anchored directly to the supporting floor. In addition, lateral restraint anchoring the unit to an adjacent wall or other supporting structure is provided along the height of the equipment.</p> <p><u>Wall Mounted</u>: unit is fully supported- both vertically and laterally – by a building wall or partition.</p> <p><u>Ceiling (Ceiling Suspended)</u>: unit is anchored to and suspended from a framing system at or slightly above the ceiling line of the room.</p> <p><u>CTA (Countertop Anchored)</u>: unit is anchored to a counter, desk, or other piece of fixed furniture.</p> <p><u>Tray</u>: unit is placed in a bucky tray holder which is inserted into wall stands and patient tables identified above.</p>												
<i>Notes</i>	<ol style="list-style-type: none"> <li>1. BASIS: <ul style="list-style-type: none"> <li>• UUT#: Indicates that a test specimen matching these characteristics was tested as part of this testing program.</li> <li>• SAME: Model is physically, mechanically &amp; electrically the same as test specimen. Difference is limited to model number, color, software and/or manufacturing location.</li> <li>• INT (Interpolate/Extrapolate): indicates a model that was not specifically tested, and by which seismic certification is established through evaluation of testing of other, similar models in the product line.</li> </ul> </li> <li>2. Weight for Table Stand does not include 317 lb. patient load present during testing in horizontal position.</li> <li>3. Weight of Table Stand does not include 495 lb. patient load present during testing.</li> <li>4. Software license key for different power ratings.</li> <li>5. GCF (Grid Controlled Fluoroscopy).</li> <li>6. BUP (Bucky Unit Portable) indicates a Wireless Portable digital Detector (WPD).</li> <li>7. Fixed plate digital detector.</li> <li>8. Analog cassette.</li> <li>9. Docking Station weight does not include the weight of WPD.</li> </ol>												

<b>UUT- 1A EasyDiagnost Eleva Table</b>								
<b>MANUFACTURER:</b> Philips Healthcare								
<b>IDENTIFICATION:</b> Type: 9890-010-03622								
<b>DESCRIPTION:</b> Component of EasyDiagnost Eleva System.								
		Bucky Unit Portable (BUP)	4512-201-07071					
		Tubelift (Geomat)	9848-500-39902					
		SRO 2550 ROT 360	9890-000-86091					
		II System 38cm	9896-010-31901					
		Seismic Failsafe set for BUP	4512-134-45871					
		Trixell Pixium 5500 WPD	9890-010-87751					
<b>MOUNTING:</b> Floor mounted (6) – 5/8" dia gr. 8 bolts								
<b>PROPERTIES:</b>								
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Weight (lb.)	Transverse-Axis	Longitudinal-Axis	Vertical-Axis		
78.75	59.1	84.5	3185 + 317 Patient	3.9	4.9	4.14		
<b>SHAKE TABLE TEST PARAMETERS</b>								
CODE	TEST CRITERIA	S <sub>DS</sub>	z/h	I <sub>P</sub>	A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-V</sub>
CBC 2013	ICC-ES AC156	1.93	1.0	1.5	3.09	2.32	1.29	0.52
Unit maintained structural integrity and functionality after the ICC-ES AC 156 test								


<b>UUT- 1B EasyDiagnost Eleva Table</b>								
<b>MANUFACTURER:</b> Philips Healthcare								
<b>IDENTIFICATION:</b> Type: 9890-010-03622								
<b>DESCRIPTION:</b> Component of EasyDiagnost Eleva System.								
		Bucky Unit Portable (BUP)	4512-201-07071					
		Tubelift (Geomat)	9848-500-39902					
		SRO 2550 ROT 360	9890-000-86091					
		II System 38cm	9896-010-31901					
		Seismic Failsafe set for BUP	4512-134-45871					
		Trixell Pixium 5500 WPD	9890-010-87751					
<b>MOUNTING:</b> Floor mounted (6) – 5/8" dia gr. 8 bolts								
<b>PROPERTIES:</b>								
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Weight (lb.)	Transverse-Axis	Longitudinal-Axis	Vertical-Axis		
78.75	59.1	84.5	3185	4.3	4.5	7.375		
<b>SHAKE TABLE TEST PARAMETERS</b>								
CODE	TEST CRITERIA	S <sub>DS</sub>	z/h	I <sub>P</sub>	A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-V</sub>
CBC 2013	ICC-ES AC156	1.93	1.0	1.5	3.09	2.32	1.29	0.52
Unit maintained structural integrity and functionality after the ICC-ES AC 156 test								


<b>UUT- 2 X-Ray Generator Velara (80/65/50kW)</b>								
<b>MANUFACTURER:</b>	Philips Healthcare							
<b>IDENTIFICATION:</b>	Type: 9890-000-02101							
<b>DESCRIPTION:</b>	Component of EasyDiagnost Eleva System. 40E Cabinet Velara R/F 2T Rel.3 9890-000-70297							
<b>MOUNTING:</b>	Wall/Floor mounted (4) -5/8" dia ungraded bolts to wall and (2) - 3/8" Dia bolts to floor.							
								
<b>PROPERTIES:</b>								
DIMENSIONS (in.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height		Front-Axis	Side-Axis	Vert-Axis		
21.7	20.5	77		636	11.7	10.3	14.51	
<b>SHAKE TABLE TEST PARAMETERS</b>								
CODE	TEST CRITERIA	S <sub>DS</sub>	z/h	I <sub>P</sub>	A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-V</sub>
CBC 2013	ICC-ES AC156	1.93	1.0	1.5	3.09	2.32	1.29	0.52
Unit maintained structural integrity and functionality after the ICC-ES AC 156 test								


<b>UUT- 3 DI Cabinet - Digital Imaging Control</b>								
<b>MANUFACTURER:</b>	Philips Healthcare							
<b>IDENTIFICATION:</b>	Type: 4598-000-37322							
<b>DESCRIPTION:</b>	Component of EasyDiagnost Eleva System. 40E Cabinet							
<b>MOUNTING:</b>	Wall/Floor mounted (4) -5/8" dia ungraded bolts to wall and (2) - 3/8" Dia bolts to floor.							
								
<b>PROPERTIES:</b>								
DIMENSIONS (in.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height		Front-Axis	Side-Axis	Vert-Axis		
21.7	20.5	77		364	12.1	16.1	17.69	
<b>SHAKE TABLE TEST PARAMETERS</b>								
CODE	TEST CRITERIA	S <sub>DS</sub>	z/h	I <sub>P</sub>	A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-V</sub>
CBC 2013	ICC-ES AC156	1.93	1.0	1.5	3.09	2.32	1.29	0.52
Unit maintained structural integrity and functionality after the ICC-ES AC 156 test								




**ATTACHMENT 2: TEST SPECIMEN SUMMARY**

<b>UUT- 4 M Cabinet –</b>																	
<b>MANUFACTURER:</b>		Philips Healthcare															
<b>IDENTIFICATION:</b>		Type: 9890 010 03622															
<b>DESCRIPTION:</b>		Component of EasyDiagnost Eleva System. 40E Cabinet															
<b>MOUNTING:</b>		Wall/Floor mounted (4) -5/8" dia ungraded bolts to wall and (2) – 3/8" Dia bolts to floor.															
																	
<b>PROPERTIES:</b>																	
DIMENSIONS (in.)					LOWEST RESONANT FREQUENCY (Hz.)												
Width		Depth		Height		Weight (lb.)		Front-Axis		Side-Axis		Vert-Axis					
21.7		20.5		77		397		12.1		12.6		14.57					
<b>SHAKE TABLE TEST PARAMETERS</b>																	
CODE		TEST CRITERIA		S <sub>DS</sub>		z/h		I <sub>P</sub>		A <sub>FLX-H</sub>		A <sub>RIG-H</sub>		A <sub>FLX-V</sub>		A <sub>RIG-V</sub>	
CBC 2013		ICC-ES AC156		1.93		1.0		1.5		3.09		2.32		1.29		0.52	
Unit maintained structural integrity and functionality after the ICC-ES AC 156 test																	

<b>UUT- 5 CS III Tube Crane</b>																	
<b>MANUFACTURER:</b>		Philips Healthcare															
<b>IDENTIFICATION:</b>		Type: 9890-010-87701															
<b>DESCRIPTION:</b>		Component of EasyDiagnost Eleva System Tubemount alphadr. (motorized) 4512-201-06191 SRO 33100 ROT 360 Tube 9890-000-86101															
<b>MOUNTING:</b>		Ceiling Suspended using (2) – M10 bolts/Philips Fixing Blocks @ (5) locations along each longitudinal rail to Unistrut P1000 supports. (20 bolts total)															
																	
<b>PROPERTIES:</b>																	
DIMENSIONS (in.)					LOWEST RESONANT FREQUENCY (Hz.)												
Width		Depth		Height		Weight (lb.)		Front-Axis		Side-Axis		Vert-Axis					
169.3		25.59		49 - 107		825		3.3		3.9		5.4					
<b>SHAKE TABLE TEST PARAMETERS</b>																	
CODE		TEST CRITERIA		S <sub>DS</sub>		z/h		I <sub>P</sub>		A <sub>FLX-H</sub>		A <sub>RIG-H</sub>		A <sub>FLX-V</sub>		A <sub>RIG-V</sub>	
CBC 2013		ICC-ES AC156		1.93		1.0		1.5		3.09		2.32		1.29		0.52	
Unit maintained structural integrity and functionality after the ICC-ES AC 156 test																	

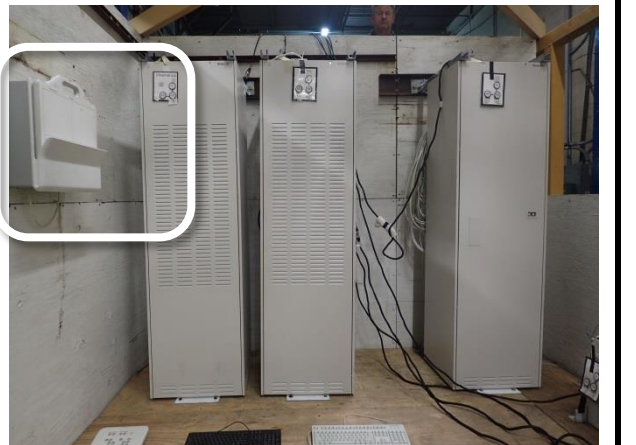
UUT- 6 Bucky Diagnost VS VS Digital BUP Fixed									
MANUFACTURER:		Philips Healthcare							
IDENTIFICATION:		Type: 9890-010-83641							
DESCRIPTION:		Component of EasyDiagnost Eleva System Column motorized 4512-201-02731 Vertical unit mot. BUP (non-tilting) 4512-201-07211 Bucky Unit Portable 4512-201-07071 Seismic Failsafe set for BUP 4512-134-45871 Trixell Pixium 5500 WPD 9890-010-87751							
MOUNTING:		Wall/Floor mounted (2) – 3/8" Dia ungraded bolts to wall and (3) – 1/2" Dia GR 8 bolts to floor							
									
PROPERTIES:									
DIMENSIONS (in.)					LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Weight (lb.)		Front-Axis	Side-Axis	Vert-Axis		
23.5	21.4	81.9	467		12.7	11.0	9.66		
SHAKE TABLE TEST PARAMETERS									
CODE	TEST CRITERIA	S <sub>DS</sub>	z/h	I <sub>P</sub>	A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-V</sub>	
CBC 2013	ICC-ES AC156	1.93	1.0	1.5	3.09	2.32	1.29	0.52	
Unit maintained structural integrity and functionality after the ICC-ES AC 156 test									

UUT- 7 Viewforum (Dell T3600)									
MANUFACTURER:		Philips Healthcare							
IDENTIFICATION:		Type: 9896-061-03764							
DESCRIPTION:		Component of EasyDiagnost Eleva System							
MOUNTING:		Floor Mounted using: <ul style="list-style-type: none"> <li>(2)-1" wide nylon straps with metal cinch (200# working load rating) through L2.5"x2.5"x1/4"x0'-2.5" brackets ea. end (4 total) positioned tight against unit</li> <li>Anchored to plywood with (2) – 1/4" dia. SMS/bracket (8 screws total)</li> </ul>							
									
PROPERTIES:									
DIMENSIONS (in.)					LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Weight (lb.)		Front-Axis	Side-Axis	Vert-Axis		
6.75	18.625	16.375	32		16.0	7.7	15.27		
SHAKE TABLE TEST PARAMETERS									
CODE	TEST CRITERIA	S <sub>DS</sub>	z/h	I <sub>P</sub>	A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-V</sub>	
CBC 2013	ICC-ES AC156	1.93	1.0	1.5	3.09	2.32	1.29	0.52	
Unit maintained structural integrity and functionality after the ICC-ES AC 156 test									

<b>UUT- 8 Acquisition WorkSpot PC (AWS TD)</b>									
<b>MANUFACTURER:</b>		Philips Healthcare							
<b>IDENTIFICATION:</b>		Type: 4512-201-07011							
<b>DESCRIPTION:</b>		Component of EasyDiagnost Eleva System							
<b>MOUNTING:</b>		Floor Mounted using: <ul style="list-style-type: none"> <li>• (2)-1" wide nylon straps with metal cinch (200# working load rating) through L2.5"x2.5"x1/4"x0'-2.5" brackets ea. end (4 total) positioned tight against unit</li> <li>• Anchored to plywood with (2) - 1/4" dia. SMS/bracket (8 screws total)</li> </ul>							
<b>PROPERTIES:</b>									
DIMENSIONS (in.)				Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Front-Axis		Side-Axis	Vert-Axis			
8.5	10.875	17.625	31	10.0	9.6	20.64			
<b>SHAKE TABLE TEST PARAMETERS</b>									
CODE	TEST CRITERIA	S <sub>DS</sub>	z/h	I <sub>P</sub>	A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-V</sub>	
CBC 2013	ICC-ES AC156	1.93	1.0	1.5	3.09	2.32	1.29	0.52	
Unit maintained structural integrity and functionality after the ICC-ES AC 156 test									



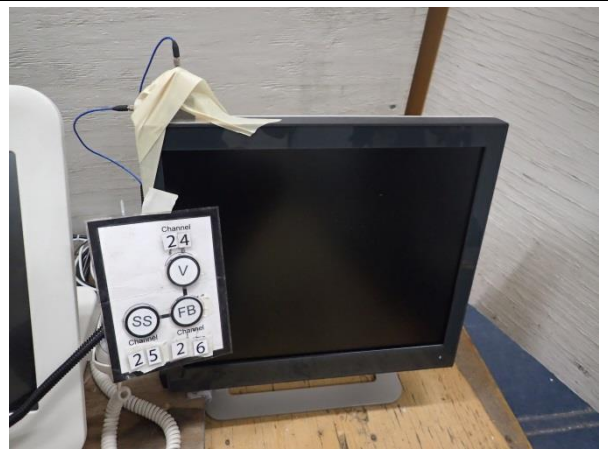
<b>UUT- 9 Docking Station</b>									
<b>MANUFACTURER:</b>		Trixell							
<b>IDENTIFICATION:</b>		Type: 4512-201-06853							
<b>DESCRIPTION:</b>		Component of EasyDiagnost Eleva System Trixell Pixium 5500 WPD (9890-010-87751) installed.							
<b>MOUNTING:</b>		Wall Mounted using (4) - HILTI HTB TOGGLER bolt 1/4" to plywood sheathing.							
<b>PROPERTIES:</b>									
DIMENSIONS (in.)				Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Front-Axis		Side-Axis	Vert-Axis			
20.375	7.75	16.25	33.5 + WPD	N/A	N/A	N/A			
<b>SHAKE TABLE TEST PARAMETERS</b>									
CODE	TEST CRITERIA	S <sub>DS</sub>	z/h	I <sub>P</sub>	A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-V</sub>	
CBC 2013	ICC-ES AC156	1.93	1.0	1.5	3.09	2.32	1.29	0.52	
Unit maintained structural integrity and functionality after the ICC-ES AC 156 test									

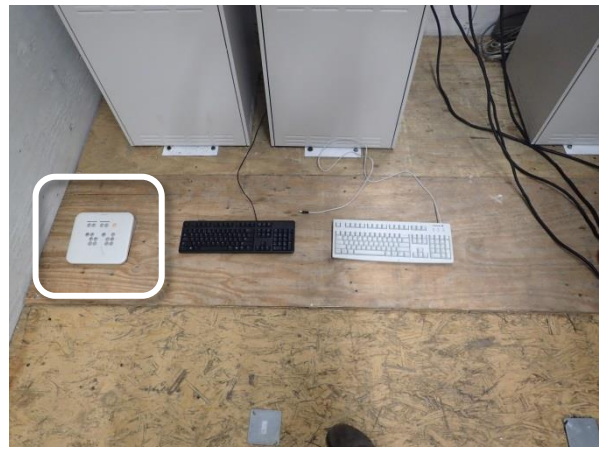



<b>UUT- 11</b>		<b>Eleva Examination Control Advanced</b>						
<i>MANUFACTURER:</i>		Philips						
<i>IDENTIFICATION:</i>		Type: 9890-010-87393						
<i>DESCRIPTION:</i>		Component of EasyDiagnost Eleva System						
<i>MOUNTING:</i>		Counter Top Mounted using (4) 1/4" dia machine screws with washers and nuts on back side						
<i>PROPERTIES:</i>								
DIMENSIONS (in.)				Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)			
Width	Depth	Height	Front-Axis		Side-Axis	Vert-Axis		
18.5	13.125	19.75	38	3.7	10.7	20.3		
<i>SHAKE TABLE TEST PARAMETERS</i>								
CODE	TEST CRITERIA	S <sub>DS</sub>	z/h	I <sub>P</sub>	A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-V</sub>
CBC 2013	ICC-ES AC156	1.93	1.0	1.5	3.09	2.32	1.29	0.52
Unit maintained structural integrity and functionality after the ICC-ES AC 156 test								





<b>UUT- 12</b>		<b>LCD19" Monochrome CTR. Room Monitor</b>						
<i>MANUFACTURER:</i>		Philips Healthcare						
<i>IDENTIFICATION:</i>		Type: 9919-322-52101						
<i>DESCRIPTION:</i>		Component of EasyDiagnost Eleva System						
<i>MOUNTING:</i>		Counter Top Mounted using (4) 1/4" dia machine screws with washers and nuts on back side						
<i>PROPERTIES:</i>								
DIMENSIONS (in.)				Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)			
Width	Depth	Height	Front-Axis		Side-Axis	Vert-Axis		
16.75	7.5	19	17	5.5	9.8	5.7		
<i>SHAKE TABLE TEST PARAMETERS</i>								
CODE	TEST CRITERIA	S <sub>DS</sub>	z/h	I <sub>P</sub>	A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-V</sub>
CBC 2013	ICC-ES AC156	1.93	1.0	1.5	3.09	2.32	1.29	0.52
Unit maintained structural integrity and functionality after the ICC-ES AC 156 test								



<b>UUT- 13      Review Module</b>									
<i>MANUFACTURER:</i>		Philips Healthcare							
<i>IDENTIFICATION:</i>		Type: 9375-00319-005/A							
<i>DESCRIPTION:</i>		Component of EasyDiagnost Eleva System							
<i>MOUNTING:</i>		Floor Mounted using (2) – 1" x 6" Velcro tape							
									
<i>PROPERTIES:</i>									
DIMENSIONS (in.)				Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Front-Axis		Side-Axis	Vert-Axis			
9.5	8.5	2.25	3	N/A	N/A	N/A			
<i>SHAKE TABLE TEST PARAMETERS</i>									
CODE	TEST CRITERIA	S <sub>DS</sub>	z/h	I <sub>P</sub>	A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-V</sub>	
CBC 2013	ICC-ES AC156	1.93	1.0	1.5	3.09	2.32	1.29	0.52	
Unit maintained structural integrity and functionality after the ICC-ES AC 156 test									

<b>UUT- 14      Dell Keyboard</b>									
<i>MANUFACTURER:</i>		Dell							
<i>IDENTIFICATION:</i>		Type: KB212-B							
<i>DESCRIPTION:</i>		Component of EasyDiagnost Eleva System							
<i>MOUNTING:</i>		Floor Mounted using (1) – 1" x 12" Velcro tape							
									
<i>PROPERTIES:</i>									
DIMENSIONS (in.)				Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Front-Axis		Side-Axis	Vert-Axis			
17.875	5.6875	.875	~1.25	N/A	N/A	N/A			
<i>SHAKE TABLE TEST PARAMETERS</i>									
CODE	TEST CRITERIA	S <sub>DS</sub>	z/h	I <sub>P</sub>	A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-V</sub>	
CBC 2013	ICC-ES AC156	1.93	1.0	1.5	3.09	2.32	1.29	0.52	
Unit maintained structural integrity and functionality after the ICC-ES AC 156 test									

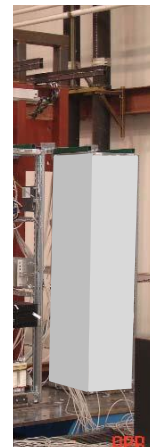
<b>UUT- 15</b>		<b>Cherry Keyboard</b>						
<b>MANUFACTURER:</b>		Cherry						
<b>IDENTIFICATION:</b>		P/N: G83-6104LUNEU-0/02 Type: 4512-201-04982						
<b>DESCRIPTION:</b>		Component of EasyDiagnost Eleva System						
<b>MOUNTING:</b>		Floor Mounted using (1) – 1" x 12: Velcro tape						
								
<b>PROPERTIES:</b>								
DIMENSIONS (in.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height		Front-Axis	Side-Axis	Vert-Axis		
18	6.625	1.75	~1.25	N/A	N/A	N/A		
<b>SHAKE TABLE TEST PARAMETERS</b>								
CODE	TEST CRITERIA	S <sub>DS</sub>	z/h	I <sub>P</sub>	A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-V</sub>
CBC 2013	ICC-ES AC156	1.93	1.0	1.5	3.09	2.32	1.29	0.52
Unit maintained structural integrity and functionality after the ICC-ES AC 156 test								

<b>UUT- A1</b>		<b>EasyDiagnost Eleva Table</b>						
<b>MANUFACTURER:</b>		Philips Healthcare						
<b>IDENTIFICATION:</b>		See Below						
<b>DESCRIPTION:</b>		Component of EasyDiagnost Eleva System Easy Diagnost Eleva Basic Unit      9890-010-03621 BUF FOCH                                      4512-202-01111 FOCH sensing                                9848-500-47501 Tubeholder fixed                         9848-500-39802 II System 38cm                             9896-010-31901 SRM2250 GS ROT504                    9890-000-63842						
<b>MOUNTING:</b>		(6) – 5/8" dia. bolts to floor plate.						
								
<b>PROPERTIES:</b>								
DIMENSIONS (in.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height		Front-Axis	Side-Axis	Vert-Axis		
78.75	59.1	84.5	3185	6.3	5.1	N/A		
<b>SHAKE TABLE TEST PARAMETERS</b>								
CODE	TEST CRITERIA	S <sub>DS</sub>	z/h	I <sub>P</sub>	A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-V</sub>
CBC 2013	ICC-ES AC156	1.74	1.0	1.5	2.78	2.09	1.17	0.47
Unit maintained structural integrity and functionality after the ICC-ES AC 156 test								

<b>UUT- A2      Bucky Diagnost VS-Advanced</b>								
<b>MANUFACTURER:</b>	Philips Healthcare							
<b>IDENTIFICATION:</b>	See Below							
<b>DESCRIPTION:</b>	Component of EasyDiagnost Eleva System Bucky Diagnost VS Advanced Fixed      9890-010-83641 Column non-motorized                      4512-201-02721 Vertical unit tracking (non-tilting)      4512-201-02762 BUF analog (Analog cassette)            4512-202-02401 Bucky Unit (BU 2) sensing                4512-201-02564							
<b>MOUNTING:</b>	Wall/Floor mounted (2) – 3/8" Dia bolts to wall fixture and (3) – 1/2" Dia. bolts to floor plate.							
<b>PROPERTIES:</b>								
DIMENSIONS (in.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height		Front-Axis	Side-Axis	Vert-Axis		
35.5	21.4	81.9	490	12.3	12.3	N/A		
<b>SHAKE TABLE TEST PARAMETERS</b>								
CODE	TEST CRITERIA	S <sub>DS</sub>	z/h	I <sub>P</sub>	A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-V</sub>
CBC 2013	ICC-ES AC156	1.74	1.0	1.5	2.78	2.09	1.17	0.47
Unit maintained structural integrity and functionality after the ICC-ES AC 156 test								



<b>UUT- A3      X-Ray Generator Velara (80/65/50kW)</b>								
<b>MANUFACTURER:</b>	Philips Healthcare							
<b>IDENTIFICATION:</b>	Type: 9890-000-02101							
<b>DESCRIPTION:</b>	Component of EasyDiagnost Eleva System Includes Velara GCF 2T Rel. 3 (9890-000-70307)							
<b>MOUNTING:</b>	Wall/Floor mounted (2) – 3/8" Dia bolts to wall and (3) – 1/2" Dia. bolts to floor							
<b>PROPERTIES:</b>								
DIMENSIONS (in.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height		Front-Axis	Side-Axis	Vert-Axis		
21.7	20.5	77	521	8.5	8.0	N/A		
<b>SHAKE TABLE TEST PARAMETERS</b>								
CODE	TEST CRITERIA	S <sub>DS</sub>	z/h	I <sub>P</sub>	A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-V</sub>
CBC 2013	ICC-ES AC156	1.74	1.0	1.5	2.78	2.09	1.17	0.47
Unit maintained structural integrity and functionality after the ICC-ES AC 156 test								



**ATTACHMENT 2: TEST SPECIMEN SUMMARY**

<b>UUT- B1      Bucky Diagnost VS-Digital</b>								
<i>MANUFACTURER:</i>	Philips Healthcare							
<i>IDENTIFICATION:</i>	Type: 9890 010 83641							
<i>DESCRIPTION:</i>	<p>Component of EasyDiagnost Eleva System</p> <p>Column Motorized                    4512-201-02731</p> <p>Tilting Unit with Wallbox            4512-201-02822</p> <p>4600B Digital Detector              4512-201-06391</p> <p>Wallstand Display 2                 4512-201-06971</p>							
<i>MOUNTING:</i>	Wall/Floor mounted (2) – 3/8" Dia bolts to wall and (3) – 1/2" Dia bolts to floor							
<i>PROPERTIES:</i>								
DIMENSIONS (in.)			LOWEST RESONANT FREQUENCY (Hz.)					
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis		
35.5	50.6	81.9	666.5	4.7	5.5	5.6		
<i>SHAKE TABLE TEST PARAMETERS</i>								
CODE	TEST CRITERIA	S <sub>DS</sub>	z/h	I <sub>P</sub>	A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-V</sub>
CBC 2013	ICC-ES AC156	1.93	1.0	1.5	3.09	2.32	1.29	0.52
Unit maintained structural integrity and functionality after the ICC-ES AC 156 test								

