



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

**APPLICATION FOR OSHPD SPECIAL SEISMIC
CERTIFICATION PREAPPROVAL (OSP)**

OFFICE USE ONLY

APPLICATION #: OSP-0497

OSHPD Special Seismic Certification Preapproval (OSP)

Type: New Renewal

Manufacturer Information

Manufacturer: Carestream Health, Inc.

Manufacturer's Technical Representative: Ted Young

Mailing Address: 150 Verona Street, Rochester, NY 14608

Telephone: (585) 627-8724

Email: ted.young@carestreamhealth.com

Product Information

Product Name: Fluoroscopy and Radiography Systems

Product Type: NA

Product Model Number: DRX Evolution Plus

General Description: Multiple component medical diagnostic imaging system.

Mounting Description: See Certified Product Tables

Tested Seismic Enhancements: Seismic enhancements made to the test units and/or modifications required to address anomalies during the tests shall be incorporated into the production units.

Applicant Information

Applicant Company Name: EASE Co.

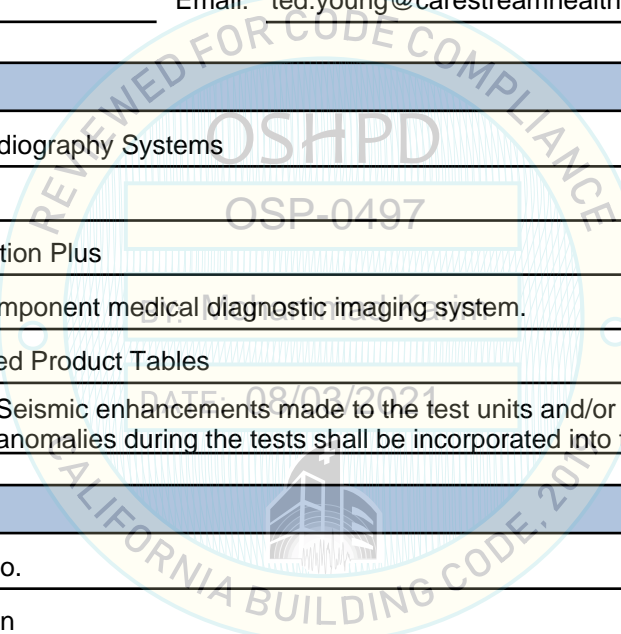
Contact Person: Jonathan Roberson

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

Telephone: (909) 606-7622

Email: j.roberson@easeco.com

Title: Principal Structural Engineer





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

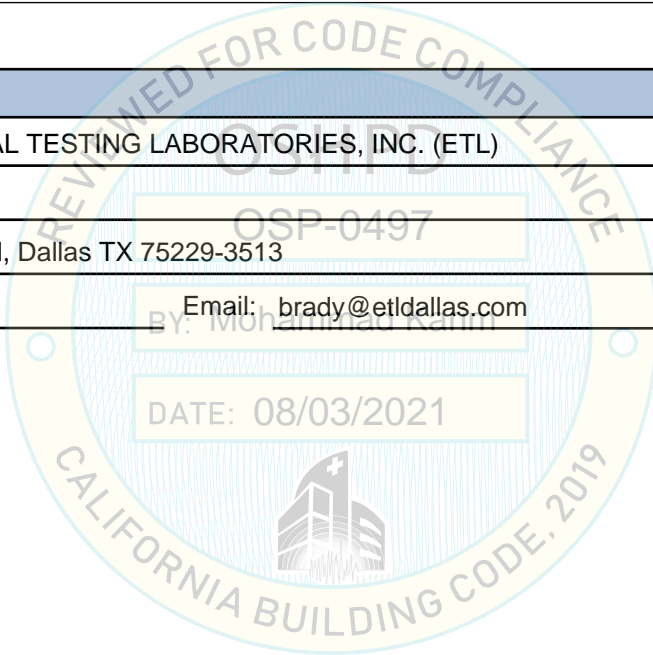
Company Name: EASE
Name: Jonathan Roberson California License Number: S4197
Mailing Address: 5877 Pine Ave., Suite 210, Chino Hills, CA 91709
Telephone: (951) 295-1892 Email: jon@EASECo.com

Certification Method

GR-63-Core ICC-ES AC156 IEEE 344 IEEE 693 NEBS 3
 Other (Please Specify): _____

Testing Laboratory

Company Name: ENVIRONMENTAL TESTING LABORATORIES, INC. (ETL)
Contact Person: Brady Richard
Mailing Address: 11034 Indian Trail, Dallas TX 75229-3513
Telephone: (972) 247-9657 Email: brady@etldallas.com





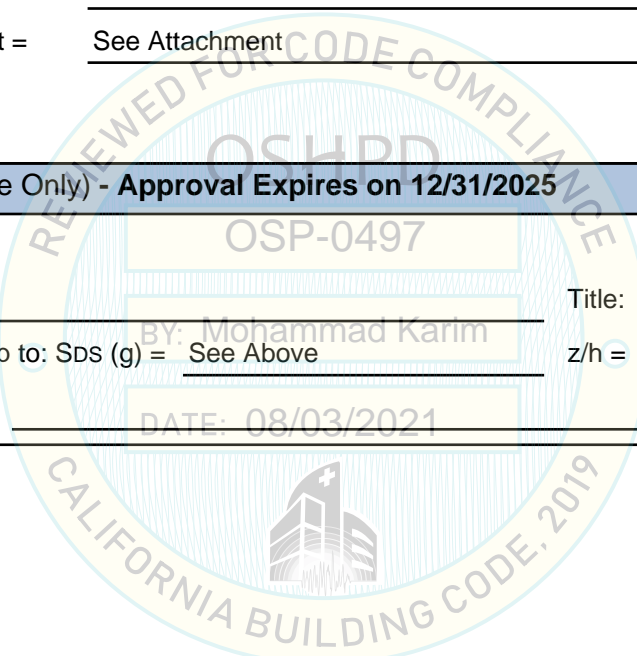
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Seismic Parameters

| | |
|--|------------------------------|
| Design Basis of Equipment or Components (F_p/W_p) = | See Certified Product Tables |
| SDS (Design spectral response acceleration at short period, g) = | 2.0 (z/h = 1); 2.5 (z/h = 0) |
| a_p (Amplification factor) = | See Certified Product Tables |
| R_p (Response modification factor) = | See Certified Product Tables |
| Ω_0 (System overstrength factor) = | 2.0 |
| I_p (Importance factor) = | 1.5 |
| z/h (Height ratio factor) = | 1 and 0 |
| Natural frequencies (Hz) = | See Attachment |
| Overall dimensions and weight = | See Attachment |

OSHPD Approval (For Office Use Only) - Approval Expires on 12/31/2025

| | | | |
|--|------------------|--------|-------------------------------|
| Date: | 8/3/2021 | | |
| Name: | Mohammad Karim | Title: | Supervisor, Health Facilities |
| Special Seismic Certification Valid Up to: SDS (g) = | See Above | z/h = | See Above |
| Condition of Approval (if applicable): | DATE: 08/03/2021 | | |



ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

ATTACHMENT PAGE | 1 OF 3

TABLE 1:

| System Manufacturer | | Carestream Health, Inc. | | | | | | S _{Ds} = 2.0 at z/h = 1 S _{Ds} = 2.5 at z/h = 0 | | | |
|--|--|--------------------------|--------------|--------------|--------------------------|------------|----------------------|--|----------------|----------------|----------------|
| System | | DRX Evolution Plus | | | | | | | | | |
| COMPONENT | IDENTIFICATION NO. | APPROX. DIMENSIONS (IN.) | | | MAX. WT. (LB.) | MOUNT | BASIS ^[1] | F _p /W _p | a _p | R _p | Ω ₀ |
| | | W | D | H | | | | | | | |
| Power Distribution Unit (PDU) including: | < VX3733-PDU > | 25.59 | 22.47 | 55.06 | 535 | Floor | UUT-1604-1 | 1.44 1.13 | 1 | 2 ½ | 2 |
| • High Voltage Generator | < CGF-80 > | | | | | | | | | | |
| • APC Smart-UPS 1500 | < SMT1500I > | | | | | | | | | | |
| Wireless Access Point (D-Link) | < DAP-2553 > | 7.75 | 6.25 | 1.75 | 2 | Rigid Base | UUT-1604-8 | | | | |
| Over-head Tube Crane (OTC) - Motor assisted (4m bridge) including: | < VX3733-OTC > | 36 | 157.7 | 46.2 / 109.7 | 714 ^[3] 44 | Ceiling | UUT-1604-2 | 3.60 1.50 | 2 ½ | 2 ½ | 2 |
| • X-ray Tube (Varian) | B-130H housing w/ RAD-92 insert | | | | | | | | | | |
| • Collimator, Automatic (Ralco) | < R 302 DACS/A DHHS > | | | | | | | | | | |
| Over-head Tube Crane (OTC) - Motor assisted (4m bridge) including: | VX3733-OTC | 36 | 157.7 | 46.2 / 109.7 | 714 ^[3] 44 | Ceiling | SAME | 3.60 1.50 | 2 ½ | 2 ½ | 2 |
| • X-ray Tube (Varian) | B-130H housing w/ RAD-60 Insert | | | | | | | | | | |
| • Collimator, Motorized (Ralco) | R 302 L/A DHHS | | | | | | | | | | |
| Over-head Tube Crane (OTC) - Motor assisted (2.5m to 4m bridge) including: | VX3733-OTC | 36 | 98.6 / 157.7 | 46.2 / 109.7 | 714 ^[3] 44 | Ceiling | INT | 3.60 1.50 | 2 ½ | 2 ½ | 2 |
| • X-ray Tube (Varian) | B-130H housing w/ RAD-60 Insert or RAD-92 Insert | | | | | | | | | | |
| • Collimator, Automatic (Ralco) • Collimator, Motorized (Ralco) | R 302 DACS/A DHHS or R 302 L/A DHHS | | | | | | | | | | |
| Over-head Tube Crane (OTC) - Motor assisted (3m bridge) including: | VX3733-OTC | 36 | 98.6 | 46.2 / 109.7 | 665 ^[3] 44 | Ceiling | SAME | 3.60 1.50 | 2 ½ | 2 ½ | 2 |
| • X-ray Tube (Varian) | B-130H housing w/ RAD-92 Insert | | | | | | | | | | |
| • Collimator, Motorized (Ralco) | R 302 L/A DHHS | | | | | | | | | | |

Table continued next page

ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

ATTACHMENT PAGE | 2 OF 3

TABLE 1:

| System Manufacturer | | Carestream Health, Inc. | | | | | | S _{DS} = 2.0 at z/h = 1 S _{DS} = 2.5 at z/h = 0 | | | |
|--|---------------------------------|--------------------------|------------|---------------|--------------------|-------------------|----------------------|--|----------------|----------------|----------------|
| System | | DRX Evolution Plus | | | | | | | | | |
| COMPONENT | IDENTIFICATION NO. | APPROX. DIMENSIONS (IN.) | | | MAX. WT. (LB.) | MOUNT | BASIS ^[1] | F _P /W _P | a _P | R _P | Ω ₀ |
| | | W | D | H | | | | | | | |
| Over-head Tube Crane (OTC) - Motor assisted (3m bridge) including: | VX3733-OTC | | | | 665 ^[3] | | | | | | |
| • X-ray Tube (Varian) | B-130H housing w/ RAD-92 Insert | 36 | 98.6 | 46.2 / 109.7 | 44 | Ceiling | UUT-1604-10 | 3.60 1.50 | 2 ½ | 2 ½ | 2 |
| • Collimator, Automatic (Ralco) | R 302 DACS/A DHHS | | | | 25 | | | | | | |
| Premium Wall Stand, fixed mount including: | VX3733-CWS-B | 36.2 | 38 | 106.3 / 117.3 | 476 ^[4] | Floor/ Ceiling | UUT-1604-5 | 2.40 1.13 | 1 | 1 ½ | 2 |
| • DRX Plus 3543 Detector GOS | 2272233002 | 18.1 | 15.1 | 0.6 | 8 | | | | | | |
| Premium Wall Stand, fixed mount including: | VX3733-CWS-B | 36.2 | 38 | 106.3 / 117.3 | 476 ^[4] | Floor/ Ceiling | SAME | 2.40 1.13 | 1 | 1 ½ | 2 |
| • DRX-1 Plus Detector GOS | DRX-1 | 18.1 | 15.1 | 0.6 | 8 | | | | | | |
| Patient Table including: ^[6] | VX3733-TAB | 33 | 94.5 | 20.8 / 33.9 | 480 ^[5] | Floor | UUT-1604-6 | 2.40 1.13 | 1 | 1 ½ | 2 |
| • DRX Plus 3543 Detector GOS | 2272233001 | 18.1 | 15.1 | 0.6 | 8 | | | | | | |
| Patient Table including: ^[6] | VX3733-TAB | 33 | 94.5 | 20.8 / 33.9 | 480 ^[5] | Floor | SAME | 2.40 1.13 | 1 | 1 ½ | 2 |
| • DRX-1 Plus Detector GOS | DRX-1 | 18.1 | 15.1 | 0.6 | 8 | | | | | | |
| Table, Console w/ | VX3733-CT | 35.5 | 23 | 38.6 | 87 ^[7] | Floor | | | | | |
| • Monitor touch screen, 23" (HP) | HP S230tm | 23.6 | 1.6 / 10.6 | 16.1 / 21.3 | 14 | Rigid Base | UUT-1604-7 | 1.44 1.13 | 1 | 2 ½ | 2 |
| • Computer (HP RP5 Retail 5810) | M6A84UP#ABA | 13.2 | 15.5 | 4 | 16 | Rigid Base | | | | | |
| • Control Box | ----- | 5.75 | 8.5 | 3 | 1.5 | Rigid Base | | | | | |
| • Keyboard (HP) | KU-0316 | 18.1 | 6.4 | 1.5 | 1.5 | Rigid Base | | | | | |
| • Mouse (HP) | ----- | ---- | ---- | ---- | 0.5 | Rigid Base | | | | | |

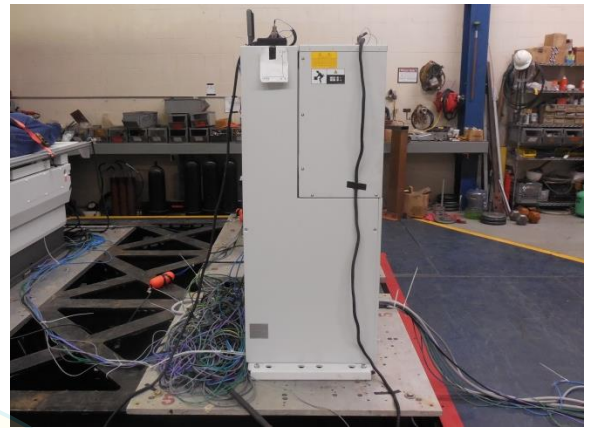
Table continued next page

ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

TABLE 1:

| System Manufacturer | | Carestream Health, Inc. | | | | | S _{DS} = 2.0 at z/h = 1 S _{DS} = 2.5 at z/h = 0 | | | | |
|--|---|--------------------------|---------------------|----------------------|-------------------|------------|--|--------------------------------|----------------|----------------|----------------|
| System | | DRX Evolution Plus | | | | | | | | | |
| COMPONENT | IDENTIFICATION NO. | APPROX. DIMENSIONS (IN.) | | | MAX. WT. (LB.) | MOUNT | BASIS ^[1] | F _p /W _p | a _p | R _p | Ω ₀ |
| | | W | D | H | | | | | | | |
| Table, Console w/ • Monitor touch screen, 23" (HP) | VX3733-CT | 35.5 | 23 | 38.6 | 87 ^[7] | Floor | UUT-1604-9 | 1.44 1.13 | 1 | 2 ½ | 2 |
| • Computer with graphics card • (HP Z440 Workstation) | HP S230tm | 23.6 | 1.6 min 10.6 max | 16.1 min 21.3 max | 14 | Rigid Base | | | | | |
| • Control Box | W4K31US#ABA | 23.6 | 1.6 min 10.6 max | 16.1 min 21.3 max | 29 | Rigid Base | | | | | |
| • Keyboard (HP) | ----- | 5.8 | 8.5 | 3 | 1.5 | Rigid Base | | | | | |
| • Mouse (HP) | KU-0316 | 18.1 | 6.4 | 1.5 | 1.5 | Rigid Base | | | | | |
| • Mouse (HP) | ---- | ----- | ----- | ----- | 0.5 | Rigid Base | | | | | |
| Engage Flex Pro Computer (HP) ^[8] | 6VD21UP#AB2 | 4.0 | 15.0 | 13.5 | 17.5 | Rigid Base | UUT-2004-13 | 1.44 1.13 | 1 | 2 ½ | 2 |
| Z4 G4 Workstation (HP) ^[8] | 1W6Y0UC#ABA | 6.75 | 17.63 | 15.5 | 33.5 | Rigid Base | UUT-2004-16 | 1.44 1.13 | 1 | 2 ½ | 2 |
| 23" LCD Monitor (HP) w/ Desk Mount (Peerless) | < E230t > LCT100S | 20.5 | 7.0 | 18.0 | 9.5 | CTA | UUT-2004-14 | 1.44 1.13 | 1 | 2 ½ | 2 |
| Mount | <p>RIGID BASE MOUNT: free-standing, base-mounted condition with the component rigidly attached to a supporting structure and no lateral support above the base.</p> <p>WALL: component is fully supported- both vertically and laterally – by a building wall or partition.</p> <p>CEILING (SUSPENDED): component is anchored to and suspended from a framing system at or slightly above the ceiling line of the room</p> <p>FLOOR/CEILING: component is supported at both the floor and ceiling.</p> <p>CTA (Countertop, Anchored): component is anchored to a counter, desk, or other piece of fixed furniture.</p> | | | | | | | | | | |
| Notes | <p>1. BASIS:</p> <ul style="list-style-type: none"> • UUT-#: Indicates that a test specimen matching these characteristics was tested as part of this testing program. • SAME: Model is physically, mechanically & electrically the same as test specimen. Difference is limited to model number, color, or software. • 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. <p>2. Height of wireless AP excludes antennas.</p> <p>3. OTC dimensions and weight excludes longitudinal rail weight of 24.3 lb/m per rail.</p> <p>4. Weight of wall stand includes 4 lb. grid and excludes weight of detector.</p> <p>5. Patient Table weight does not include 480 lb. simulated patient load, 4lb grid or detector.</p> <p>6. Patient Table detector tray shall be secured in place with screw as tested.</p> <p>7. Console Table weight excludes weight of contents.</p> <p>8. Requires use of Carestream DRX-Evolution Plus System Seismic Kit P/N: AL0049</p> <p>9. ##### represents a part number (P/N) as the identification number for qualified component.</p> <p>10. < ##### > represents a model number (M/N) as the identification number for the qualified component</p> | | | | | | | | | | |

| UUT-1604-1 Power Distribution Unit (PDU) UUT-1604-8 Wireless Access Point (WAP) | | | | | | | | | |
|--|---------------|---|--------|----------------|---------------------------------|------------------------|------------------------|------------------------|--|
| MANUFACTURER: | | Carestream | | | D-Link | | | | |
| Model No.: | | VX3733-PDU | | | DAP-2553 | | | | |
| | | PDU | | | WAP | | | | |
| DESCRIPTION: | | Component of the DRX Evolution Plus System <u>Installed options include:</u> <ul style="list-style-type: none"> X-Ray Generator: Model: CF-80 APC UPS Model: SMT15001 UUT-1604-8 WAP - surface mounted on top cover | | | | | | | |
| MOUNTING: | | PDU: Rigid Base (Floor) Mounted using (6) – 1/2" dia GR 8 bolts. WAP: Rigid Base Mounted using (2) rows 1"x4" Velcro hook & loop tape. | | | | | | | |
| PROPERTIES: | | | | | | | | | |
| DIMENSIONS (in.) | | | | | LOWEST RESONANT FREQUENCY (Hz.) | | | | |
| | Width | Depth | Height | Weight (lb.) | Side-Axis | Front-Axis | Vert-Axis | | |
| PDU | 25.59 | 22.47 | 55.06 | 535 | 7.3 | 7.3 | 13.0 | | |
| WAP | 7.75 | 6.25 | 1.75 | 2 | --- | --- | --- | | |
| SHAKE TABLE TEST PARAMETERS | | | | | | | | | |
| CODE | TEST CRITERIA | S _{DS} (G) | z/h | I _P | A _{FLX-H} (G) | A _{RIG-H} (G) | A _{FLX-V} (G) | A _{RIG-V} (G) | |
| CBC 2016 | ICC-ES AC156 | 2.0 2.5 | 1 0 | 1.5 | 3.20 | 2.40 | 1.68 | 0.68 | |
| Unit maintained structural integrity and remained functional per manufacturer requirement. | | | | | | | | | |



| UUT-1604-2 Premium OTC w/ 4m Bridge | | | | | | | | | |
|--|---------------|---|--------------|----------------|---------------------------------|------------------------|------------------------|------------------------|--|
| MANUFACTURER: | | Carestream | | | | | | | |
| IDENTIFICATION: | | Model No.: VX3733-OTC | | | | | | | |
| DESCRIPTION: | | Component of the DRX Evolution Plus System <u>Installed options include:</u> <ul style="list-style-type: none"> Motor-assisted movement 4m Bridge X-Ray Tube Housing (Varian B-130H) X-Ray Tube Insert (Varian RAD-92) Collimator, Automatic (Ralco R302 DACS/A DHHS) | | | | | | | |
| MOUNTING: | | Ceiling Mounted using: (2) – 1/2"-13 x 1.5" SHCS W/ UNISTRUT CHANNEL NUTS TYP. EACH OF 5 SUPPORT POINTS SPACED 26" O.C. ALONG EACH LONGIT. RAIL. (TORQUE = 50 FT-LB) (20 BOLTS TOTAL) | | | | | | | |
| PROPERTIES: | | | | | | | | | |
| DIMENSIONS (in.) | | | | | LOWEST RESONANT FREQUENCY (Hz.) | | | | |
| Width | Depth | Height | Weight (lb.) | | Front-Axis | Side-Axis | Vert-Axis | | |
| 36 | 157.7 | 46.2 / 109.7 | 780 | | --- | --- | --- | | |
| SHAKE TABLE TEST PARAMETERS | | | | | | | | | |
| CODE | TEST CRITERIA | S _{DS} (G) | z/h | I _P | A _{FLX-H} (G) | A _{RIG-H} (G) | A _{FLX-V} (G) | A _{RIG-V} (G) | |
| CBC 2016 | ICC-ES AC156 | 2.0 2.5 | 1 0 | 1.5 | 3.20 | 2.40 | 1.68 | 0.68 | |
| Unit maintained structural integrity and remained functional per manufacturer requirement. | | | | | | | | | |





| UUT-1604-5 Premium Wall Stand - Fixed Mount | | | | | | | | | |
|--|---------------|--|--------------|----------------|---------------------------------|------------------------|------------------------|------------------------|--|
| MANUFACTURER: | | Carestream | | | | | | | |
| IDENTIFICATION: | | Model No.: VX3733-CWS | | | | | | | |
| DESCRIPTION: | | Component of the DRX Evolution Plus System Installed options include: Premium Wall Stand DRX Plus 3543 Detector GOS (2272233001) Mitaya Antiscatter Grid | | | | | | | |
| MOUNTING: | | Ceiling/Floor Mounted using: (6) - 1/2" DIA GR 8 BOLTS AT FLOOR & (2) - 1/2"-13 x 1.5" GR 8 BOLTS W/ UNISTRUT P1010 CHANNEL NUTS AT 26" OC ALONG RAIL TO UNISTRUT P1000 SUPPORT ABOVE. (TORQUE = 50 FT-LB) (4 BOLTS TOTAL) | | | | | | | |
| PROPERTIES: | | | | | | | | | |
| DIMENSIONS (in.) | | | | | LOWEST RESONANT FREQUENCY (Hz.) | | | | |
| Width | Depth | Height | Weight (lb.) | | Front-Axis | Side-Axis | Vert-Axis | | |
| 36 | 157.7 | 46.2 / 109.7 | 485 | | 2.4 | 2.7 | 12.9 | | |
| SHAKE TABLE TEST PARAMETERS | | | | | | | | | |
| CODE | TEST CRITERIA | S _{DS} (G) | z/h | I _p | A _{FLX-H} (G) | A _{RIG-H} (G) | A _{FLX-V} (G) | A _{RIG-V} (G) | |
| CBC 2016 | ICC-ES AC156 | 2.0 2.5 | 1 0 | 1.5 | 3.20 | 2.40 | 1.68 | 0.68 | |
| Unit maintained structural integrity and remained functional per manufacturer requirement. | | | | | | | | | |



| UUT-1604-6 Patient Table | | | | | | | | | |
|--|---------------|--|---------------|----------------|---------------------------------|------------------------|------------------------|------------------------|--|
| MANUFACTURER: | | Carestream | | | | | | | |
| IDENTIFICATION: | | Model No. VX3733-TAB | | | | | | | |
| DESCRIPTION: | | Component of the Carestream DRX Evolution Plus System Installed options: <ul style="list-style-type: none"> DRX Plus 3543 Detector GOS (2272233001) Mitaya Antiscatter Grid 480 lb. patient load | | | | | | | |
| MOUNTING: | | Rigid Base (Floor) Mounted using (4) – 5/8" dia GR 8 bolts | | | | | | | |
| PROPERTIES: | | | | | | | | | |
| DIMENSIONS (in.) | | | | | LOWEST RESONANT FREQUENCY (Hz.) | | | | |
| Width | Depth | Height | Weight (lb.) | | Front-Axis | Side-Axis | Vert-Axis | | |
| 33 | 94.5 | 20.80 min 33.9 max | 480 + patient | | 18.8 | 6.0 | 6.6 | | |
| SHAKE TABLE TEST PARAMETERS | | | | | | | | | |
| CODE | TEST CRITERIA | S _{DS} (G) | z/h | I _p | A _{FLX-H} (G) | A _{RIG-H} (G) | A _{FLX-V} (G) | A _{RIG-V} (G) | |
| CBC 2016 | ICC-ES AC156 | 2.0 2.5 | 1 0 | 1.5 | 3.20 | 2.40 | 1.68 | 0.68 | |
| Unit maintained structural integrity and remained functional per manufacturer requirement. | | | | | | | | | |



| UUT-1604-7 Console w/ HP RP5 Retail System, Model 5810 Computer | | | | | | | | | | |
|--|---------------|--|--------------|----------------|---------------------------------|------------------------|------------------------|------------------------|--|--|
| MANUFACTURER: | | Carestream | | | | | | | |  |
| IDENTIFICATION: | | Model No. VX3733-CT | | | | | | | | |
| DESCRIPTION: | | Component of the DRX Evolution Plus System Installed options include: HP RP5 Retail 5810 M6A84UP#ABA Monitor touch screen 23" HP S230tm Keyboard KU-0316 Mouse --- Control Box --- | | | | | | | | |
| MOUNTING: | | Rigid Base (Floor) Mounted using (4) – 3/8" dia. Grade 8 bolts. | | | | | | | | |
| PROPERTIES: | | | | | | | | | | |
| DIMENSIONS (in.) | | | | | LOWEST RESONANT FREQUENCY (Hz.) | | | | | |
| Width | Depth | Height | Weight (lb.) | | Front-Axis | Side-Axis | Vert-Axis | | | |
| 35.5 | 23 | 35.75 | 133.5 | | 9.3 | 7.6 | 10.5 | | | |
| SHAKE TABLE TEST PARAMETERS | | | | | | | | | | |
| CODE | TEST CRITERIA | S _{DS} (G) | z/h | I _p | A _{FLX-H} (G) | A _{RIG-H} (G) | A _{FLX-V} (G) | A _{RIG-V} (G) | | |
| CBC 2016 | ICC-ES AC156 | 2.0 2.5 | 1 0 | 1.5 | 3.20 | 2.40 | 1.68 | 0.68 | | |
| Unit maintained structural integrity and remained functional per manufacturer requirement. | | | | | | | | | | |

| UUT-1604-9 Console w/ HP Z440 workstation | | | | | | | | | | |
|--|---------------|--|--------------|----------------|---------------------------------|------------------------|------------------------|------------------------|--|--|
| MANUFACTURER: | | Carestream | | | | | | | |  |
| IDENTIFICATION: | | Model No. VX3733-CT | | | | | | | | |
| DESCRIPTION: | | Component of the DRX Evolution Plus System Installed options include: HP computer Z440 Workstation W4K31US#ABA Monitor touch screen 23" HP S230tm Keyboard KU-0316 Mouse --- Control Box --- | | | | | | | | |
| MOUNTING: | | Rigid Base (Floor) Mounted using (4) – 3/8" dia. Grade 8 bolts. | | | | | | | | |
| PROPERTIES: | | | | | | | | | | |
| DIMENSIONS (in.) | | | | | LOWEST RESONANT FREQUENCY (Hz.) | | | | | |
| Width | Depth | Height | Weight (lb.) | | Front-Axis | Side-Axis | Vert-Axis | | | |
| 35.5 | 23 | 35.75 | 120.5 | | 8.7 | 7.4 | 10.3 | | | |
| SHAKE TABLE TEST PARAMETERS | | | | | | | | | | |
| CODE | TEST CRITERIA | S _{DS} (G) | z/h | I _p | A _{FLX-H} (G) | A _{RIG-H} (G) | A _{FLX-V} (G) | A _{RIG-V} (G) | | |
| CBC 2016 | ICC-ES AC156 | 2.0 2.5 | 1 0 | 1.5 | 3.20 | 2.40 | 1.68 | 0.68 | | |
| Unit maintained structural integrity and remained functional per manufacturer requirement. | | | | | | | | | | |

ATTACHMENT 2: SEISMIC CERTIFIED COMPONENTS

| | | | | | | | | | |
|--|---------------|--|--------------|----------------|---------------------------------|------------------------|------------------------|------------------------|--|
| UUT-1604-10 Premium OTC w/ 3m Bridge | | | | | | | | | |
| MANUFACTURER: | | Carestream | | | | | | | |
| IDENTIFICATION: | | Model No.: VX3733-OTC | | | | | | | |
| DESCRIPTION: | | Component of the DRX Evolution Plus System Installed options include: Motor-assisted movement 3m Bridge X-Ray Tube Housing (Varian B-130H) X-Ray Tube Insert (Varian RAD-92) Collimator, Automatic (Ralco R302 DACS/A DHHS) | | | | | | | |
| MOUNTING: | | Ceiling Mounted using: (2) - ½"-13 x 1.5" SHCS W/ UNISTRUT CHANNEL NUTS TYP. EACH OF 5 SUPPORT POINTS SPACED 26" O.C. ALONG EACH LONGIT. RAIL. (TORQUE = 50 FT-LB) (20 BOLTS TOTAL) | | | | | | | |
| PROPERTIES: | | | | | | | | | |
| DIMENSIONS (in.) | | | | | LOWEST RESONANT FREQUENCY (Hz.) | | | | |
| Width | Depth | Height | Weight (lb.) | | Front-Axis | Side-Axis | Vert-Axis | | |
| 36 | 157.7 | 46.2 / 109.7 | 780 | | --- | --- | --- | | |
| SHAKE TABLE TEST PARAMETERS | | | | | | | | | |
| CODE | TEST CRITERIA | S _{DS} (G) | z/h | I _P | A _{FLX-H} (G) | A _{RIG-H} (G) | A _{FLX-V} (G) | A _{RIG-V} (G) | |
| CBC 2016 | ICC-ES AC156 | 2.0 2.5 | 1 0 | 1.5 | 3.20 | 2.40 | 1.68 | 0.68 | |
| Unit maintained structural integrity and remained functional per manufacturer requirement. | | | | | | | | | |



| | | | | | | | | | |
|--|---------------|--|--------------|----------------|---------------------------------|------------------------|------------------------|------------------------|--|
| UUT-2004-13 Engage Flex Pro Computer | | | | | | | | | |
| MANUFACTURER: | | HP | | | | | | | |
| IDENTIFICATION: | | Part No.: 6VD21UP#AB2 Serial No.: 4CE02418BL | | | | | | | |
| DESCRIPTION: | | Component of Carestream DRX-EVOLUTION PLUS & DRX-ASCEND systems Requires use of either: DRX-Ascend System Seismic Kit P/N: AL0050 -or- DRX-Evolution Plus System Seismic Kit P/N: AL0049 | | | | | | | |
| MOUNTING: | | Rigid Base (Floor) mounted using (2) ½" SAE J429 Grade 5 bolts into threaded aluminum plate through Carestream provided mounting bracket. | | | | | | | |
| PROPERTIES: | | | | | | | | | |
| DIMENSIONS (in.) | | | | | LOWEST RESONANT FREQUENCY (Hz.) | | | | |
| Width | Depth | Height | Weight (lb.) | | Front-Axis | Side-Axis | Vert-Axis | | |
| 4.0 | 15.0 | 13.5 | 17.5 | | 27.58 | 17.52 | 12.91 | | |
| SHAKE TABLE TEST PARAMETERS | | | | | | | | | |
| CODE | TEST CRITERIA | S _{DS} (G) | z/h | I _P | A _{FLX-H} (G) | A _{RIG-H} (G) | A _{FLX-V} (G) | A _{RIG-V} (G) | |
| CBC 2019 | ICC-ES AC156 | 2.0 2.5 | 1 0 | 1.5 | 3.20 | 2.40 | 1.68 | 0.68 | |
| Unit maintained structural integrity and remained functional per manufacturer requirement. | | | | | | | | | |



| | | | | | | | | | |
|--|---------------|---|--------------|----------------|---------------------------------|------------------------|------------------------|------------------------|--|
| UUT-2004-14 23" LCD Monitor w/ Mount | | | | | | | | | |
| MANUFACTURER: | | HP | | | | | | | |
| IDENTIFICATION: | | Model No.: E230t Serial No.: 6CM9232290 | | | | | | | |
| DESCRIPTION: | | Component of Carestream DRX-EVOLUTION PLUS & DRX-ASCEND systems w/ Desk Mount Peerless P/N: LCT100S | | | | | | | |
| MOUNTING: | | Countertop anchored using Peerless desk mount hardware consisting of M10 thru bolt w/ nut and grommet. | | | | | | | |
| PROPERTIES: | | | | | | | | | |
| DIMENSIONS (in.) | | | | | LOWEST RESONANT FREQUENCY (Hz.) | | | | |
| Width | Depth | Height | Weight (lb.) | Front-Axis | Side-Axis | Vert-Axis | | | |
| 20.5 | 7.0 | 18.0 | 9.5 | 15.33 | 11.80 | 15.91 | | | |
| SHAKE TABLE TEST PARAMETERS | | | | | | | | | |
| CODE | TEST CRITERIA | S _{DS} (G) | z/h | I _p | A _{FLX-H} (G) | A _{RIG-H} (G) | A _{FLX-V} (G) | A _{RIG-V} (G) | |
| CBC 2019 | ICC-ES AC156 | 2.0 2.5 | 1 0 | 1.5 | 3.20 | 2.40 | 1.68 | 0.68 | |
| Unit maintained structural integrity and remained functional per manufacturer requirement. | | | | | | | | | |



| | | | | | | | | | |
|--|---------------|--|--------------|----------------|---------------------------------|------------------------|------------------------|------------------------|--|
| UUT-2004-16 Z4 G4 Workstation 2 | | | | | | | | | |
| MANUFACTURER: | | HP | | | | | | | |
| IDENTIFICATION: | | Part No.: 1W6Y0UC#ABA Serial No.: MXL0293KJG | | | | | | | |
| DESCRIPTION: | | Component of Carestream DRX-EVOLUTION PLUS & DRX-ASCEND systems Requires use of either: DRX-Ascend System Seismic Kit P/N: AL0050 -or- DRX-Evolution Plus System Seismic Kit P/N: AL0049 | | | | | | | |
| MOUNTING: | | Rigid Base (Floor) mounted using (4) 1/2" SAE J429 Grade 5 bolts into threaded aluminum plate through Carestream provided mounting bracket. | | | | | | | |
| PROPERTIES: | | | | | | | | | |
| DIMENSIONS (in.) | | | | | LOWEST RESONANT FREQUENCY (Hz.) | | | | |
| Width | Depth | Height | Weight (lb.) | Front-Axis | Side-Axis | Vert-Axis | | | |
| 6.75 | 17.63 | 15.5 | 33.5 | 17.9 | 17.52 | > 50 | | | |
| SHAKE TABLE TEST PARAMETERS | | | | | | | | | |
| CODE | TEST CRITERIA | S _{DS} (G) | z/h | I _p | A _{FLX-H} (G) | A _{RIG-H} (G) | A _{FLX-V} (G) | A _{RIG-V} (G) | |
| CBC 2019 | ICC-ES AC156 | 2.0 2.5 | 1 0 | 1.5 | 3.20 | 2.40 | 1.68 | 0.68 | |
| Unit maintained structural integrity and remained functional per manufacturer requirement. | | | | | | | | | |

