



## Preventive Maintenance Checklist Bone Densitometers

Site Name: 四国化成  
Date: 2024.12.12 Model # HorizonC Serial # 3046281

Preventive Maintenance procedures, for each bone densitometer model, are in the Technical Manual for that model. This document is provided as a reporting tool to show that all applicable steps have been performed.

### CHECKLIST

- ☐ Check the function of all switches and indicators; ensure that the Emergency Stop Button, and all other safety switches, operate properly.
- ☒ Archive all scans; perform system backup.
- ☒ Run all applicable computer checks.
- ☒ Run all applicable backup media checks.
- ☒ Run database checks and Reconcile (as applicable).
- ☒ Clean, and lubricate, mechanical assemblies (as applicable).
- ☒ Check all applicable motor drive components.
- ☒ Clean internal and external surfaces.
- ☒ Verify all applicable power supply tolerances? (106V, 132V, 15V, 24V)
- ☒ Check Filter Wheel (or Drum) bearings and belts.
- ☒ Verify C-Arm Mechanical and Beam Alignment
- ☒ Check Positioning Laser Offset Alignment 6.8V (X-ray K17 133886836-A06527/Rev J6)
- ☒ Perform Drive Axis Performance Test (SQDriver or Backlash)
- ☒ Verify Calibration Wheel alignment (on Drum systems run Aperture Calibration). **Print X-ray survey screen with X-ray beam alignment tool installed.**
- ☒ Check system for loose or missing hardware.
- ☒ Check X-ray Tube voltages and currents. Note results on Radiation Measurement Report.
- ☒ Verify all scan modes. **Print one lateral scan image (A/SL models).**
- ☒ Perform Spine Phantom QC scans and add to QC Database. Verify CV's and Mean's meet specifications stated in the technical manual. **Print one Filing Report of Spine Phantom image; print QC plot results (BMD, BMC, AREA, HIA LOA).**
- ☒ Perform all tests listed on Radiation Measurement Report (CSD-0042-F07 or CSD-0042-F08); complete the report and sign and date.

### DOCUMENTS FOR CUSTOMER

- ☒ Service Report
- ☒ Preventive Maintenance Checklist
- ☒ Radiation Measurement Report

• Daily Flat  
• PC Errors check  
• System Backup Archive implementation  
• HP2245

### REPORTS AND PRINTOUTS FOR HOLOGIC

- ☒ Service Report
- ☐ Preventive Maintenance Checklist
- ☐ Radiation Measurement Report
- ☐ Filing Report of Spine Phantom Image
- ☐ Lateral Scan Image (A/SL models) N/A ☐
- ☐ Printed X-ray Survey screen
- ☐ Printed QC plot results (BMD, BMC, AREA, HIA LOA)