



Philips Medical Systems North America

Field Service Report

General Information

Facility Name: DESERT SPRINGS HOSPITAL
Service Order #: 24097560
FSE Name: Ali Memarian
Equipment: 100186 BV300 PULSERA 12"
Contract Type:
PO#: 071509
Call Type: CM Corrective Maintenance, Inspection Image Quality

Slice Count:
Operation #: 0010
FE #: 10124651
Order Type: ZCM1
Priority Code: 5 Schedule Activity
Equipment Serviced: 000000000000100186
Serial Number: ED0014
Service Request Date: 10/21/2009

Labor Activity Code Reporting

Date & Time Report

Table with columns: FE#, FE Name, Labor Activity Code, Start Date, Time, End Date, Time, Qty, UoM. Rows include TRAV-Travel time and PMAI- Planned Maintenance.

Expense Report

Table with columns: FE#, FE Name, Expense Activity Code, Date, Amount, Description. Row: No Expenses Reported.

Service Code Reporting

Table with columns: Cause, Damage, Activity. Row: PVMT: Preventive Maintenance, PVMT: Preventive Maintenance, ADJE: Adjusted Electrically.

Parts

Table with columns: Installed Part #, Quantity, Description, Serial #, Stocking.

Notes

Remarks: 10/21/2009 6:01 PM Ali Memarian performed xray tube conditioning and filament calibration. checked system resolution and kv stabilization. Also checked image quality. they were all good. Additiuonally checked and centered collimator . earased hospital name per user's request. will update later when know.

Reported Problem: LIFESOLUTIONS-PM TM

Signatures:

Philips Representative Ali Memarian

Customer/Client

1 Theory of testing

The Pulsera C-Arm Fluoroscopy system is composed of the Mobile Viewing Station (MVS) and the C-arm. Each of these units performs specific individual functions, some of these functions are autonomous and some require that both systems work properly. In addition each of these systems has an individual geometry section that deals with all of the mechanical parts.

For the purposes of checking for functionality the following tests were performed on the Pulsera system:

Geometry The geometry tests of the system consists of all of the mechanical maintenance with focus on all of the brakes of the system, all movements of the system and all of the mechanical alignments.

Imaging Chain The imaging chain testing of the system verifies the image acquisition, the image manipulation. Resolution and Image Intensifier proper operation.

Dose Control Dose Control is verified by checking the Dose tracking and also manual, and automatic, KV dose stabilization.

All of the tests above described were performed under my supervision on the Pulsera system with serial number:

2 Test results

Mobile Viewing Station (MVS)

Single direction break	Passed
Full break	Passed
Break release	Passed
Dust level	Passed
Cables and connectors	Passed
Monitors	Passed
Key pad	Passed
Printing	Passed
Image manipulation	Passed
Corrective Maintenance book	Present
System Software	Present
Application Software	Present

C-Arm

Dose control	Passed
Dose stabilization (min)	Passed
Dose stabilization (max)	Passed
Dose control (min)	Passed
Dose control (max)	Passed
Image intensifier spatial resolution (2.7 at F0)	Passed
Breaks	Displacement break needs adjustment
Chain alignment	Passed
Motorized movements (Collimator/Iris)	Passed
Remote control	Passed
Key pad	Passed
Acquisition and Processing settings	Passed