

BrightSpeed 16, 8, 4

SCHEDULE C
GANTRY REVOLUTIONS:
DATE:
SYSTEM ID:

SITE:

<u>Procedure</u>	<u>Inspect</u>	<u>Clean</u>	<u>Split</u>
CONSOLE			
Console Inspection	_____	_____	_____
GANTRY			
Grease Main Bearing	_____	_____	_____
Removal of Slip Ring Brush Debris	_____	_____	_____
Schleifring Maintenance and brush inspection	_____	_____	_____
Clean DAS, DUCT Fan Filters	_____	_____	_____
High Voltage			
Meter Verification (16, Ultra or Plus)	_____	_____	_____
HV Tank Feedback Resistor Verification (16, Ultra or Plus)	_____	_____	_____
Clean Tube Heat Exchanged	_____	_____	_____
HHS Scans	_____	_____	_____

Comments:

Is Follow Up Work Required ? Yes No

If yes, indicate the reschedule date: _____

Field Engineer:

Id#:

Dispatch#:

GE Medical Systems

PM REPORT

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Procedure

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SITE:

Appendix A: HHS Data For CT Systems

Meter Verification

Shunt Register value: ohm

mA Shunt Register Accuracy

Requested	Measured	Displayed	Delta (%)
50 mA			
200 mA			

Test Specification:

The difference between mA measured and the displayed mA on console should be within $\pm 2\%$ of the requested mA.

mA Test Points Accuracy

Requested	Measured	Displayed	Delta (%)
50 mA			
200 mA			

Test Specification:

TP measured mA and displayed mA on console must be within $\pm 4\%$ of the requested mA.

kV Test Points Accuracy

Requested	Measured	Displayed	Delta (%)
80 kV			
100 kV			
120 kV			
140 kV			

Test Specification:

TP measured kV must be within $\pm 3\%$ of requested kV.

TP measured kV and Displayed kV on console must be within $\pm 2\%$ of requested kV.

HV Tank Feedback Resistor Verification

Requested kV	On Screen kV	Measured kV
80		
100		
120		
140		
Scan Timer Value		

Test Specification:

To pass the kV check, all three of the following conditions must be met:

- *The measured kV must be within $\pm 3\%$ of the requested kV.
- *The kV mA Tool screen reading must be within $\pm 3\%$ of the requested kV .
- *Both measurement (scope and screen) must be within $\pm 3\%$ of the requested kV.
- *The internal scan timer measurement should be within $\pm 4\%$.

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HHS Scan Data

CT System: BrightSpeed 16, 8, 4

Small Focal Spot		On Screen Data			
kV	mA	kV	mA	5ms mA	Time
80					
100					
120					
140					

Large Focal Spot		On Screen Data			
kV	mA	kV	mA	5ms mA	Time
80					
100					
120					
140					