

ABOVETABLE X-RAY SOURCE  
RADIOGRAPHIC SYSTEMS  
FIELD TEST RECORD EDIT CHECKS

(Test Procedure ARA - Form FDA 2784)

Verify that:

1. The manufacturer, model number, and serial number for the beam limiting device and the x-ray table are entered at data items 2-5.
2. The certification status of each component is indicated at data item 6.
3. An SID is entered at data item 9. The indicated SID should be at least 27 inches (68.6 cm) or more.
4. The threshold setting is recorded at data item 14.
5. The kVp at data item 10 is in the above 70 kVp range.
6. The mA at data item 43 does not equal the mA in data item 11, and that the two mA settings do not differ by more than a factor of two.
7. If values of mA and time are entered at data items 11 and 12, the space for the mAs value is blank. Likewise, if a value is given for mAs at data item 13, the spaces for the time and mA values are blank.
8. The exposure values for beam quality increase sequentially from data items 18 to 21.
9. For reproducibility, if only four values are entered at data items 23, 25, 27, and 29, no two exposures differ by more than 10 percent of the highest value.
10. Standard size cassettes were used in the PBL sizing.
11. The chosen SIDs are no shorter than 36 inches and no greater than 50 inches at data items 52, 57, 62, and 65. An SID of 72 inches is not to be entered on this test record.
12. The total misalignment along the table (data item 85) is at least as great as the difference between the x-ray field (data item 81) and the light field dimensions (data item 83) along the table. If this is not the case, check the direct-print paper to verify the figures. Repeat for the measurements across the table.
13. For controls manufactured after May 1994, item 43 is the mAs product and not just mA.