

GENERAL X-RAY RADIOGRAPHY REPORT FORM

(includes all field x-ray radiography)

(A FACILITY FORM IS NOT REQUIRED WHEN COMPLETING THIS FORM)

Facility _____ Date Surveyed _____

Registration number _____ - _____ Control number _____ Inspector _____

Address (multiple facilities) _____ Person Interviewed _____

Tubehead manufacturer and serial no. _____

Control panel manufacturer and serial no. _____

Circle Y for yes (compliant), N for no (noncompliant) and N/A for not applicable. (All reg references preceded by 0400-20-)

- | | | | | |
|----|---|---|-----|--|
| | Y | N | N/A | |
| 1. | Y | N | N/A | Copy of registration form available for this unit. (04-.11(1)(d)) |
| 2. | Y | N | N/A | Information on registration accurate as to address, ownership, possessor and location? (10-.24(5)) |
| 3. | Y | N | N/A | Are all of the units registered under this registration possessed by the registrant? (10-.24(5)) |
| 4. | Y | N | N/A | Are all of the units possessed at this facility registered? (10-.24(1)) |
| 5. | Y | N | | Regulations present. (04-.11(1)(a)) |
| 6. | Y | N | | “Notice to Employees” (RHS 8-3) posted. (04-.11(1)(g)) |
| 7. | Y | N | | Switch at control panel and any remote switch labeled “CAUTION-RADIATION, THIS EQUIPMENT PRODUCES RADIATION WHEN ENERGIZED”. (05-.111(11)) |

SECURITY

- | | | | | |
|----|---|---|--|--|
| 8. | Y | N | | X-ray machine control panel locked to prevent unauthorized use. (08-.04(2)(a)) |
| 9. | Y | N | | When not in use, machine stored in a secure area. (08-.04(3)) |

SURVEY METERS

- | | | | | |
|-----|---|---|-----|---|
| 10. | Y | N | | Survey instruments available. (08-.04(4)(a)) |
| 11. | Y | N | | Survey instruments have ranges from 2 mR – 1 R. (08-.04(4)(a)) |
| 12. | Y | N | N/A | Survey meters calibrated every 6 months (to within +- 20%). (08-.04(4)(b)) |
| 13. | Y | N | N/A | Records of survey meter calibration maintained for 3 years after calibration date. (08-.04(4)(c)) |
| 14. | Y | N | N/A | Survey instrument operability check performed each day prior to use. (08-.04(8)(a)) |
| 15. | Y | N | N/A | Quarterly inventory of all x-ray machines and records of inventories. (08-.04(6)) |

UTILIZATION LOG

16. Y N N/A Utilization log maintained at location listed on registration, containing information:
___ make, model and serial number of the device,
___ identity of the radiographer to whom the machine is assigned, and
___ location and dates of use. (08-.04(7)(a))

17. Y N N/A Utilization log records retained for 3 years after record is made. (08-.04(7)(b))

TRAINING

18. Y N N/A Radiographers and radiographer's assistants have certification. (08-.05(1)(a) and (b))

19. Y N N/A Records of radiographer and assistants training include:
___ certification documents ___ dates of oral and practical examinations
___ verification of certification status ___ names of individuals conducting examinations
___ copies of written tests

DOSIMETRY

20. Y N N/A All radiographers and radiographer's assistant wearing:
___ direct-reading dosimeter,
___ an alarming ratemeter, and
___ personnel dosimeter. (08-.05(3)(a)):

21. Y N N/A Pocket dosimeters range from zero to 200mR or not greater than 1 R and recharged at the start of each shift. (08-.05(3)(a))

22. Y N N/A Pocket dosimeters read and recorded at the beginning and end of each shift. (08-.05(3)(b))

23. Y N N/A Pocket dosimeters checked for proper response to radiation annually. (08-.05(3)(c))

24. Y N N/A If an individual's pocket dosimeter is discharged beyond its range, does that individual cease industrial radiographic operations, his/her personnel dosimetry processed immediately, and that individual not allowed to return to work with sources of radiation until a determination of dose has been made? (08-.05(3)(d))

25. Y N N/A Personnel dosimetry records maintained. (08-.05(3)(f))

25. Y N N/A All exposures maintained below limits. (05-.50)

27. Y N N/A Each alarm ratemeter:
Is checked to ensure that the alarm functions properly (sounds) prior to use at the start of each shift,
Is set to give an alarm signal at a preset dose rate of 500 mR/hr,
Requires special means to change the preset alarm function, and
Is calibrated annually (+- 20% actual dose rate). (08-.05(3)(g))

OPERATIONS

- 28. Y N N/A Two-man rule always used during radiography. (08-.05(4)(a))
- 29. Y N N/A During each field radiographic operation, the radiographer or his assistant shall maintain direct surveillance of the operation to prevent unauthorized entry into the high radiation area. (08-.06(1))
- 30. Y N N/A Posting of CRA signs at boundary of restricted area and high radiation area. (08-.06(2))
- 31. Y N N/A Calibrated survey instrument at each site. (08-.06(3)(a))
- 32. Y N N/A Survey performed after each exposure to determine that radiation production has terminated. (08-.06(3)(b))
- 33. Y N N/A Records for each exposure maintained; record to include: (08-.06(3)(d))
 - the duration of each exposure,
 - the number of exposures made,
 - the voltage used, and
 - the current used.
 - Records maintained for 3 years.
- 34. Y N N/A The following documents/records should be available at a temporary job site: (08-.06(3)(e))

Registration	Daily pocket dosimeter records
Regulations	Latest survey instrument calibration
Operating and Emergency Procedures	Latest annual PIC response record
Records for items listed in question 33	Latest calibration record of alarming dosimeters
Unrestricted area survey records	

SAFETY PROGRAM

- 35. Y N N/A Has the registrant developed an inspection program that includes the observation of each radiographer and assistants during an actual operation at intervals not to exceed 6 months or first use thereafter? (08-.10(3))
- 36. Y N N/A Records maintained of the observations referred to in question 35 for 3 years. (08-.10(3))
- 37. Y N N/A Has a survey been performed to determine that the unrestricted area dose limits are met and records maintained of this determination? (05-.61 and 05-.136)
- 38. Y N N/A Has the registrant had any reportable incidents? (08-.12(1))
Note: Marking 'No' here does not infer noncompliance.