

Unrestricted Area Compliance Determination for X-ray Installations

Facility \_\_\_\_\_ Inspection Date \_\_\_\_\_

Tube Mfgr. and s/n: \_\_\_\_\_

Max. kVp: \_\_\_\_\_ Max. mA: \_\_\_\_\_ Max. time on/exposure: \_\_\_\_\_ Workload: exp./hr \_\_\_\_\_ exp./wk \_\_\_\_\_

Position/Location: \_\_\_\_\_ Exposure reading (a): \_\_\_\_\_

- |          |             |
|----------|-------------|
| 1. _____ | _____ mR/hr |
| 2. _____ | _____ mR/hr |
| 3. _____ | _____ mR/hr |
| 4. _____ | _____ mR/hr |
| 5. _____ | _____ mR/hr |

| (b) Time on [in hours] per exposure<br>x exposure reading (a) | (c) Column (b) x number<br>of exposures/hour | (d) Column (b) x number<br>of exposures/week | (e) Column (d) x<br>52 weeks |
|---|--|--|------------------------------|
| 1. _____ mR per exposure                                      | _____ mR per hour                            | _____ mR/week                                | _____ mR/yr                  |
| 2. _____ mR per exposure                                      | _____ mR per hour                            | _____ mR/week                                | _____ mR/yr                  |
| 3. _____ mR per exposure                                      | _____ mR per hour                            | _____ mR/week                                | _____ mR/yr                  |
| 4. _____ mR per exposure                                      | _____ mR per hour                            | _____ mR/week                                | _____ mR/yr                  |
| 5. _____ mR per exposure                                      | _____ mR per hour                            | _____ mR/week                                | _____ mR/yr                  |

Ave. kVp: \_\_\_\_\_ Ave. mA: \_\_\_\_\_ Ave. time on/exposure: \_\_\_\_\_ Workload: exp./hr \_\_\_\_\_ exp./wk \_\_\_\_\_

Position/Location: \_\_\_\_\_ Exposure reading (a): \_\_\_\_\_

- |          |             |
|----------|-------------|
| 1. _____ | _____ mR/hr |
| 2. _____ | _____ mR/hr |
| 3. _____ | _____ mR/hr |
| 4. _____ | _____ mR/hr |
| 5. _____ | _____ mR/hr |

|                          |                   |               |             |
|--------------------------|-------------------|---------------|-------------|
| 1. _____ mR per exposure | _____ mR per hour | _____ mR/week | _____ mR/yr |
| 2. _____ mR per exposure | _____ mR per hour | _____ mR/week | _____ mR/yr |
| 3. _____ mR per exposure | _____ mR per hour | _____ mR/week | _____ mR/yr |
| 4. _____ mR per exposure | _____ mR per hour | _____ mR/week | _____ mR/yr |
| 5. _____ mR per exposure | _____ mR per hour | _____ mR/week | _____ mR/yr |

\* If the exposure in an unrestricted area is less than 2 mR/hr in any one hour **and** exposure to any individual member of the public (non-rad worker) is less than 100 mR/yr, compliance is demonstrated.

Meter used \_\_\_\_\_ s/n \_\_\_\_\_ date calibrated \_\_\_\_\_ background \_\_\_\_\_ μR/hr

Physicist \_\_\_\_\_