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|  | **RECORD OF CHECK-IN OF YTTRIUM-90 RADIOACTIVE MATERIAL SHIPMENTS** | | | | | | | | | |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  | Receipt | Check-in time\* | Amount and units (mCi, MBq or GBq) | Package Dose Rate | | Wipe Test (dpm/100 cm2) | | Empty Packaging | Initials | COMMENTS if any |  |
|  | Date | Surface | 1 Meter | Package | Primary Container | Dose Rate |  |  |
|  | (mm/dd/yy) | (mR/hr) | (mR/hr) | Surface | (mR/hr) |  |  |
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|  |  | \* Check-in must be within 3 hours of receipt | | | |  |  |  |  |  |  |
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|  | Action levels for | **Package Type** |  | **Label** | **Surface** | **1 Meter** | Action level for Package surface | | Action level for empty packaging | |  |
|  | package external | 'Excepted' (UN2910) | | None | 0.5 mR/hr | N/A | and primary container wipe test: | | materials: 0.05 mR/hr | |  |
|  | Dose rates: | 'Radioactive' (UN2915, | | White I | 0.5 mR/hr | 0.05 mR/hr | 2200 dpm/100 cm2 |  |  |  |  |
|  |  | UN2982, etc) |  | Yellow II | 50 mR/hr | 1.0 mR/hr | Count wipes uisng a GM survey meter; calculate net dpm as (Gross cpm - Bkg) / 0.22 | | | | |
|  |  |  |  | Yellow III | 200 mR/h | 10 mR/hr | (GM efficienty for 90Y = 22%) | |  |  |  |
|  | Notify RSO if dose rates or contamination levels exceed action levels. Provide details at the back of this page. | | | | | | |  |  |  |  |