

J.L. Shepherd & Associates
1010 Arroyo Ave.
San Fernando, CA 91340

QUALITY RECORD

Packaging Information

DOT 7A INCLUDED? (Circle Correct Response)

DOT 7A S.N.? D/A - Monbastic mfs 7/2/03

DOT 7A check list complete? (Attach copy).

Weight in label displayed as: "kg/lbs" on 7A?

Note: per 49.172.310 - gross wt. over 100 lbs. must be on package

DOT 7A Cert on file:

☒ YES ☐ NO mfs 7/2/03

☒ YES ☐ NO

☒ YES ☐ NO 240 lbs mfs 7/2/03

☒ YES ☐ NO mfs 7/2/03

TYPE "A" QUANTITY?

(A₁ Cesium-137 = 54.1 Curies / A₁ Cobalt-60 = 10.8 Curies)

For of Bill of Lading, Type A shipment: 7A's are packaged per 49CFR173.415

Limit Type A₁ for
54.1 Ci Cobalt-60

☒ YES ☐ NO

241 mfs 7/2/03

TYPE "B" QUANTITY?

20WC Series to be used (for shipment over A₁ quantities):

if YES, is the 20WC Outgoing Inspection Check List complete:

20WC must be inspected before 7A is loaded into it, attach copy.

Shipping must have a completed copy before truck can be called.

YES ☐ NO ☒

YES ☐ NO ☒

YES ☐ NO ☒

mfs 7/2/03

SERIAL NO:

Total Curies: 9.31 Ci Can Be 241 - 3448 TBq

The maximum allowable is 100 watts for a 20WC.

Do not ship in this package if Curie total is over 100 watts.

Cesium-137 = 21,500 Ci. = 100 watts / Cobalt-60 = 6,500 Ci. = 100 watts

For Bill of Lading, Type B shipment: special form is packaged per 49CFR143.416(e), normal form (2R) is packaged per 49CFR173.416(d).

SURVEY DATA

Radiation survey for shipment on loaded and complete package:

JLS&A Instrument used: E520 S.N.: 5804 QA Cal. Due date: 9/18/03

Radiation Level at Surface: 58 mR/hr

Radiation Level at 1 meter from Surface: 6 mR/hr TI: 6.0

Radioactive (Diamond) Label required? Type: YIII

2 each Diamond Labels on shipment?

Truck placards required?

Security Seal # assigned: 232029

☒ YES ☐ NO

☒ YES ☐ NO

Surface Contamination on any empty or loaded package shipped:

JLS&A Scaler or Survey Instrument Used: E520 S.N.: 5804

QA Cal. Due date: 9/18/03

Surface contamination: < 300 dpm/300cm²

(Use ≤300dpm/300cm² removable contamination (maximum allowable)).

145.6 mR/hr 381 mR/hr 314 Lbs 142.5 Kgs

Package Shipment Weight: 105.84 kg (244 lbs) mfs 7/2/03

20WC maximum gross weights: -1 = 500 lbs, -3 = 1,000 lbs, -4 = 2,000 lbs, -5 = 4,000 lbs, -6 = 6,000 lbs

Note: If different HP personnel perform individual surveys or verifications of sections of this form, sign & date that section.

Survey performed by: R. J. I. Jacob

Date: 7/15/03

Reviewed & Approved by: R. J. I. Jacob

Date: _____