QSA GLOBAL.

Model Sentry 110, Sentry 330 & Sentry 867, Issue 0

TYPE A Package Manufacturer's Certification

1.	**Product Model/Description:** Sentry 110, Sentry 330, & Sentry 867
2.	**Package Specifications/Limitations:** Type B Co-60 Capacities: Sentry 110 Max Activity: 110 Ci Sentry 330 and 867 Max Activity: 330 Ci. Constructed in compliance with Drawing R86000.
3.	**Special Form Source Assemblies Authorized for Transport (All Special Form except Yb-169, which can also ship also Normal Form)**

Type A Approved Activity (Max.)	Isotope	Source Assembly Model Number
10.8 Ci (399.6 GBq)	Co-60, Special Form	Sentry 110: A424-14 or 943 Sentry 330: A424-13, A424-14 or 943 Sentry 867: A424-13, A424-14, A424-15, A424-18 or 943

4.	**References:** Drawings R86000 & R86060, Test Plan Report 100 (Feb 2000), Test Plan Report 180 #1 (1/14/2010), Test Plan Report 180 #2 (4/7/2010), Test Plan Report 195 (7/21/2010), Test Plan Report 178, TP 178A Profile Results (6/2/2010), Technical Report No. 171 Sentry Transport Package Lifting Analysis(6/30/2010), Technical Report No. 172 Sentry Transport Package Tie-Down Analysis (7/21/2010) and Sentry Series Type B SAR.
5.	**Drawing/Assembly Description:** Drawings R86000 & R86080.
6.	**Maintenance and Operational Controls:** MAN-038, MAN-039
7.	**Max Weight of Package:** Sentry 110: 605 lbs (274 kg) Sentry 330 & 867: 780 lbs (354 kg)
8.	**Package Closures:** The package must be assembled as depicted on Drawings R86000 & R86060.

Under §173.415, QSA Global Inc. certifies that the package and contents described above comply with relevant requirements for a Type A package under the International Atomic Energy Agency Regulations for the Safe Transport of Radioactive Material, 2009 Edition [No. TS-R-1] & 2018 Edition [No. SSR-6], and USDOT Specification 7A under USDOT 49 CFR 178.350.

All documentation of tests, engineering evaluation or comparative data demonstrating compliance of this package design to Type A Specification 7A shall be maintained by QSA Global, Inc. and will be available to regulators upon request.

The shipper is responsible for ensuring the packaging conforms fully to the requirements identified on this certification including the assembly, maintenance and operational control requirements specified in Sections 5 & 6. Changes to the package assembly, shipment of material not specified on this certificate or any other non-compliance with the requirements of this certificate are not supported under this certification and will invalidate this Type A approval.

E-SIGNED by Lori Podolak on 2024-03-29 17:13:15 GMT	March 29, 2024
Regulatory Signature	Date