



~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

June 10, 2022

Lori Podolak
Senior Regulatory Affairs Specialist
Regulatory Affairs Department
QSA Global, Inc.
40 North Avenue
Burlington, MA 01803

SUBJECT: REVISION NO. 21 OF CERTIFICATE OF COMPLIANCE NO. 6613 FOR THE
MODEL NO. 702 PACKAGE

Dear Lori Podolak:

By application dated May 23, 2022 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML22145A139) QSA Global, Inc. requested a revision to the Certificate of Compliance (CoC or the certificate) No. 6613, for the Model No. 702 package.

The approval constitutes authority to use the package for shipment of radioactive material and for the package to be shipped in accordance with the provisions of Title 49 of the *Code of Federal Regulations* (49 CFR) 173.471. Those on the attached list have been registered as users of the package under the general license provisions of 10 CFR 71.17 or 49 CFR 173.471.

If you have any questions regarding this certificate, please contact me or Nishka Devaser of my staff at (301) 415-5196.

Sincerely,

A handwritten signature in black ink that reads "Christian Jacobs".

Jacobs, Christian signing on behalf
of Diaz-Sanabria, Yoira
on 06/10/22

Yoira K. Diaz-Sanabria, Chief
Storage and Transportation Licensing Branch
Division of Fuel Management
Office of Nuclear Material Safety
and Safeguards

Docket No. 71-6613
EPID No. L-2022-LLA-0073

Enclosures: 1. Certificate of Compliance
No. 6613, Rev. No. 21
2. Safety Evaluation Report
3. Registered Users

cc w/encls. 1& 2: R. Boyle, Department of Transportation
J. Shuler, U.S. Department of Energy c/o L. F. Gelder
Registered Users

The enclosure transmitted
herewith contains proprietary
information. When separated
from the enclosure, this
document is decontrolled.

~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~

L. Podolak

SUBJECT: REVISION NO. 21 OF CERTIFICATE OF COMPLIANCE NO. 6613 FOR THE MODEL NO. 702 PACKAGE DOCUMENT DATE: June 10, 2022

DISTRIBUTION:

- ADimitriads, RI
- BDesai, RII
- DHills, RIII
- GWarnick, RIV

This closes L-2022-LLA-0073

ADAMS Package Accession No.: ML22159A280

ADAMS Accession No. (Transmittal letter and SER): ML22159A281

OFFICE	NMSS/DFM	NMSS/DFM	NMSS/DFM	NMSS/DFM
NAME	NDevaser	SFiguroa	YKim	JWise for JColaccino
DATE	06/08/2022	06/09/2022	06/10/2022	06/10/2022
OFFICE	NMSS/DFM			
NAME	CJacobs for YDiazSanabria			
DATE	06/10/2022			

OFFICIAL RECORD COPY

SAFETY EVALUATION REPORT

Docket No. 71-6613
Model No. 702 Package
Certificate of Compliance No. 6613
Revision 21

GENERAL EVALUATION

By application dated May 23, 2022 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML22145A139) QSA Global, Inc. (QSA or the applicant) requested a revision to the Certificate of Compliance (CoC or the certificate) No. 6613, for the Model No. 702 package. QSA requested an amendment to the CoC to reflect a change made to Drawing No. R70290.

Following staff review of the associated safety analysis report (SAR), the staff finds that the change does not affect the ability of the package to meet the requirements of Title 10 of the *Code of Federal Regulations* (10 CFR) Part 71.

Packaging Drawings

The applicant submitted a revised drawing that shows a tolerance of $\pm 1/4$ -inch specific to the 10 $1/4$ inch outer diameter of the hold down ring. The hold down ring is a component of the hold down clamp assembly on the Model No. 702 package.

R70290, Rev. Z (Sheets 1-9)

Model 702 Isotope Shield Shipping Container

EVALUATION

The applicant provided the revised drawing and additional analyses showing that the change in allowable tolerance does not affect the safety of the package. The staff reviewed the changes to the drawing provided by the applicant. The staff determined that the changes have no impact on the packaging design, structural integrity, or safety functions. Therefore, the staff determined that the changes to the drawing are acceptable.

CONDITIONS

The following changes have been made to the certificate:

Condition No. 5(a)(3), "Drawings," was updated to reflect the latest revision (Revision Z) of drawing No. R70290, (Sheets 1 - 9), "Model 702 Isotope Shielding Shipping Container."

Condition No. 8 has been edited to specify the termination date of the previous revision of the certificate (revision 20).

The application date for this amendment was added to the REFERENCES section.

CONCLUSION

Based on the statements and representations in the application and the conditions listed above, the staff concludes that the Model No. 702 package design has been adequately described and evaluated, and that these changes do not affect the ability of the package to meet the requirements of 10 CFR Part 71.

Issued with Certificate of Compliance No. 6613, Revision No. 21.

Revision No. 21 of Certificate of Compliance No. 6613 for the Model No. 702 Transportation Package
 DATE June 10, 2022

DISTRIBUTION:

- ADimitriadis, R-I/DNMS/DIRHB
- SFigueroa, NMSS/DFM/STLB
- YKim, NMSS/DFM/MSB
- JColaccino, NRR/DEX/ESEB
- YDiaz-Sanabria, NMSS/DFM/STLB

ADAMS Accession No.: ML22159A280; Ltr ML22159A281

OFFICE	NMSS/DFM/STLB	NMSS/DFM/MSB	NMSS/DFM/STLB	NRR/DEX/ESEB
NAME	NDevaser <i>ND</i>	YKim <i>YK</i>	SFigueroa <i>SF</i>	JColaccino JWise for <i>JW</i>
DATE	Jun 9, 2022	Jun 10, 2022	Jun 9, 2022	Jun 10, 2022
OFFICE	NMSS/DFM/STLB	NMSS/DFM/STLB		
NAME	YDiaz-Sanabria CJacobs for <i>CJ</i>	NDevaser <i>ND</i>		
DATE	Jun 10, 2022	Jun 10, 2022		

OFFICIAL RECORD COPY