



Department of Energy  
Washington, DC 20585

April 7, 2022

MEMORANDUM FOR CHRIS GILLIHAN  
ASSISTANT MANAGER, OFFICE OF MISSION ASSURANCE  
KANSAS CITY FIELD OFFICE

FROM: JULIA C. SHENK **Julia C. Shenk** Digitally signed by Julia C. Shenk  
Date: 2022.04.07 08:25:14 -04'00'  
HEADQUARTERS CERTIFYING OFFICIAL  
DIRECTOR  
OFFICE OF PACKAGING AND TRANSPORTATION

SUBJECT: Quality Assurance Program Approval 0018 Revision 1

Attached is Department of Energy (DOE) Quality Assurance Program (QAP) Approval Number 0018, Revision 1, for the Honeywell Federal Manufacturing and Technologies (FM&T), LLC in response to your request dated March 7, 2022. This approval is based on DOE Packaging Certification Program (PCP) endorsement of National Nuclear Safety Administration (NNSA) Office of Packaging and Transportation (OPT, NA-531) approval dated February 16, 2022, of the four references listed below that comprise the Honeywell (FM&T) quality assurance program for fissile and Type B packaging procurement:

1. FM&T Enterprise Management Assurance System (MAS) Manual, SM 3128663, Revision 15, 3/19/2020	2. FM&T Quality Management System Description, SM 4075713, Revision 13, 4/8/2021
3. Weapon Quality Assurance Program, SM 4162152, Revision 7, 6/7/2021	4. Health, Safety & Environment System Description and Worker Safety, SM 609009, Revision 44, 2/25/2021

Under QAP Approval 0018, Rev. 1, Honeywell FM&T is only authorized to procure Quality Category C (minor to safety) and not-important-to-safety items and services for Type B and fissile packaging certified by DOE.

This DOE QAP Approval satisfies DOE Order 460.1D, *Hazardous Materials Packaging and Transportation Safety*, and therefore complies with the provisions in 49 CFR 173.7(d) for DOE to maintain packaging standards equivalent to those specified in 10 CFR Part 71.

The expiration date of DOE QAP Approval Number 0018, Revision 1, is February 28, 2027. If you wish to renew or terminate approval of QAP Approval 0018, please request this action in writing. Please notify my office in writing of any changes to the status of your QAP approval by NNSA OPT.

If you have any questions, please contact me or Dr. James Shuler at (301) 903 5513.

Attachment

cc:

James Shuler, EM-4.24  
QA Docket 2011-007



U.S. Department of Energy  
**QUALITY ASSURANCE PROGRAM APPROVAL**  
 For Type B and Fissile Radioactive Material Packages

1. APPROVAL NUMBER <b>0018</b>
REVISION 1

Pursuant to DOE Order 460.1D, *Hazardous Materials Packaging and Transportation Safety*, subparagraph 4.a.(3), *Quality Assurance (QA)* directs that each Departmental element that participates in the use, design, purchase, fabrication, handling, shipping, storing, cleaning, assembly, inspection, testing, operation, maintenance, repair, and modification of Type B or fissile materials packaging must have and maintain a quality assurance (QA) program in accordance with 10 CFR Part 71, Subpart H that is approved by the NRC or the DOE Certifying Official, prior to the performance of those operations. The Contractors Requirements Document in Attachment 1 of Paragraph 5.a. of the Order imposes the same requirement on DOE contractors. Based on the reliance on statements and representations heretofore made in Block 5 by the organization named in Block 2, the Quality Assurance Program Description identified in Block 5 is hereby approved. This approval is issued to satisfy the requirements of the Order, 49 CFR 173.7.(d), and 10 CFR 71.101. This approval is subject to all applicable rules, regulations, and orders of the U.S. Department of Energy now or hereafter in effect and to any conditions specified below.

2. ORGANIZATION NAME Honeywell Federal Manufacturing & Technologies, LLC			3. EXPIRATION DATE February 28, 2027
STREET ADDRESS Kansas City National Security Campus, 14520 Botts Road			
CITY Kansas City	STATE MO	ZIP CODE 64147	4. DOCKET NUMBER 2011-007

5. QUALITY ASSURANCE PROGRAM DESCRIPTION, REVISION, and DATE  
 NNSA Office of Packaging and Transportation approval, with conditions, February 14, 2022, of the four references that comprise the Honeywell (FM&T) quality assurance program for fissile and Type B packaging procurement.

6. CONDITIONS

- Activities conducted regarding Type B and fissile material transportation packagings are to be executed under applicable criteria of 10 CFR Part 71 Subpart H. Authorized activities include: design, procurement, fabrication, assembly, testing, modification, maintenance, repair and use of transportation packagings.
- Records shall be maintained in accordance with the provisions of 10 CFR Part 71. Specifically:
  - Records of each shipment of licensed material shall be maintained for 3 years after that shipment [10 CFR 71.91(a)].
  - Records providing evidence of packaging quality shall be maintained for 3 years after the life of the packaging [10 CFR 71.91(d)].
  - Records describing activities affecting packaging quality shall be maintained for 3 years after this Quality Assurance Program Approval is terminated [10 CFR 71.135].
- Planned and periodic audits of all aspects of the Quality Assurance Program shall be conducted in accordance with written procedures or checklists, by appropriately trained personnel not having direct responsibility in the areas being audited, in accordance with 10 CFR 71.137.
- In addition to the requirements of Subparts G and H of 10 CFR 71, and except as specified in Section 5(d), "Conditions," of applicable Certificates of Compliance, each package must be designed, fabricated, acceptance tested, operated, and maintained in accordance with applicable Safety Analysis Report for Packaging requirements; specifically, Chapter 7, "Operating Procedures," Chapter 8, "Acceptance Tests and Maintenance Program," and Chapter 9, "Quality Assurance."

FOR THE U.S. DEPARTMENT OF ENERGY

SIGNATURE  <b>Julia C. Shenk</b> <small>Digitally signed by Julia C. Shenk      Date: 2022.04.07 08:27:39 -04'00'</small>	DATE OF ISSUANCE  April 7, 2022
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Julia C. Shenk  
 DOE Headquarters Certifying Official  
 Director, Office of Packaging and Transportation