



Department of Energy
Washington, DC 20585

April 20, 2020

MEMORANDUM FOR STEVEN J. LAWRENCE
MANAGER
NEVADA FIELD OFFICE

FROM:

JULIA C. SHENK Digitally signed by Julia C. Shenk
Date: 2020.04.20 13:32:26
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HEADQUARTERS CERTIFYING OFFICIAL
DIRECTOR
OFFICE OF PACKAGING AND TRANSPORTATION

SUBJECT: Quality Assurance Program Approval 0034, Initial Issue

Attached is Department of Energy (DOE) Quality Assurance Program (QAP) Approval Number 0034, Revision 0, for Mission Support & Test Services, LLC (MSTS), in response to email from Christopher Chalupa dated October 16, 2019. This approval is based on DOE Packaging Certification Program (PCP) endorsement of National Nuclear Security Administration (NNSA) Certifying Official's (CO) approval dated August 29, 2019, of MSTS PD-0001.002, *Quality Assurance Program*, Revision 17, with final QAP (Rev 18) issued October 14, 2019.

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 0034, Revision 0, is October 31, 2024. If you wish to renew or terminate approval of QAP Approval 0034, please request this action in writing. Please notify my office in writing of any changes to the status of your QAP approval by the NNSA CO.

This approval memorandum also serves as a reminder that the Order requires that for offsite transportation each Departmental element that uses a Type B or fissile package certified by DOE must register with the DOE Certifying Official prior to first use of the package. Refer to the following URL for registration instructions: <https://rampac.energy.gov/home/package-certification-information/guidance/doe-guidance>.

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

Attachment

cc: Robert Boehlecke, EM-NV
Christopher Chalupa, MSTS
Doug Frenette, MSTS
James Shuler, EM-4.24

QA Docket 2018-003



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

1. APPROVAL NUMBER 0034
REVISION 0

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 Mission Support & Test Services, LLC (MSTS)			3. EXPIRATION DATE October 31, 2024
STREET ADDRESS 2621 Losee Rd			4. DOCKET NUMBER 2018-003
CITY North Las Vegas	STATE NV	ZIP CODE 89030	

5. QUALITY ASSURANCE PROGRAM DESCRIPTION, REVISION, and DATE
DOE approval based on endorsement of NNSA approval dated August 29, 2019, of MSTS PD-0001.002, Quality Assurance Program, Revision 17, with final QAP (PD-0001.002, Rev 18) issued October 14, 2019.

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 Digitally signed by Julia C. Shenk Date: 2020.04.20 13:38:21 -04'00'	DATE OF ISSUANCE 04/20/2020
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Julia Shenk
 Headquarters Certifying Official
 Director, Office of Packaging and Transportation