

Civilian Radioactive Waste
Management System
Management & Operating
Contractor

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QUALITY ADMINISTRATIVE PROCEDURE
INFORMATION COPY

Title: M&O ORGANIZATION

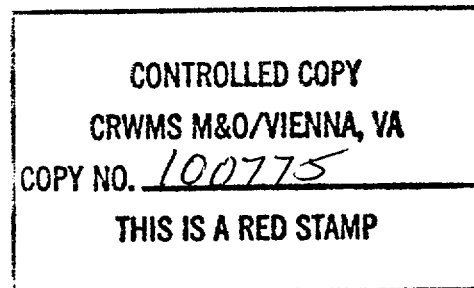
Procedure Number: QAP-1-0

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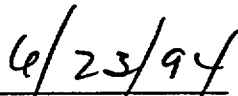
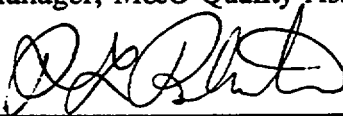
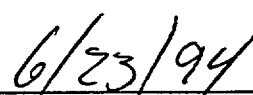
Effective Date: July 8, 1994

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Approvals:

 _____ Manager, M&O Quality Assurance	 _____ Approval Date
 _____ General Manager, CRWMS M&O	 _____ Approval Date

102.7

1. PURPOSE

This procedure defines the Civilian Radioactive Waste Management System (CRWMS) Management and Operating (M&O) Contractor organization, responsibilities, and interfaces in accordance with the U.S. Department of Energy (DOE) Quality Assurance Requirements and Description (QARD) document, DOE/RW-0333P.

2. SCOPE

This procedure is applicable to M&O contractor and functional organizations. It establishes QA requirements for M&O organizations responsible for performing activities subject to QARD requirements.

3. APPLICABLE DEFINITIONS

None.

4. RESPONSIBILITIES

- 4.1** The M&O Quality Assurance Manager is responsible for the preparation and maintenance of this Quality Administrative Procedure (QAP).
- 4.2** The following have quality assurance responsibilities in this QAP:
 - A. M&O General Manager
 - B. M&O Quality Assurance Manager
 - C. QA Audits and Surveillance Manager
 - D. QA Manager, Vienna
 - E. Vienna Quality Engineering Manager
 - F. Vienna Quality Engineering Support Manager
 - G. QA Manager, Nevada
 - H. Nevada Quality Engineering Manager
 - I. Nevada Quality Engineering Support Manager

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- J. Nevada Site QA Construction Manager
 - K. Chief Engineer
 - L. Contracts and Subcontracts Manager
 - M. Human Resources Manager
 - N. Training Manager
 - O. Health, Safety, and Environmental Affairs Manager, Vienna
 - P. Assistant General Manager for Waste Acceptance, Storage and Transportation
 - Q. Deputy Assistant General Manager for Waste Acceptance, Storage and Transportation
 - R. Multiple Purpose Canister Project Manager
 - S. Storage Design Manager
 - T. Transportation Project Manager
 - U. Waste Acceptance Manager
 - V. Planning and Control Manager
 - W. Systems Engineering Manager
 - X. Regulatory Interaction Manager
 - Y. Environmental/Institutional Manager
 - Z. Assistant General Manager, Nevada
 - AA. Senior Staff, Nevada
 - AB. Human Resources Manager, Nevada
 - AC. Training Manager, Nevada
 - AD. Management and Integration Deputy, Nevada
 - AE. Project Control Manager, Nevada

AF. Scientific Program integration Manager, Nevada

AG. Project Engineering Manager, Nevada

AH. Compliance Integration Manager, Nevada

AI. Administrative Integration Manager, Nevada

AJ. Washington Liaison Manager, Nevada

AK. Mined Geologic Disposal System (MGDS) Operations Deputy, Nevada

AL. Construction Management Manager, Nevada

AM. MGDS Development Manager, Nevada

AN. Regulatory and Technical Evaluation Manager, Nevada

AO. Systems Engineering Manager, Nevada

AP. Support Operations Manager, Nevada

AQ. Assistant General Manager for Program Integration

AR. Performance Assessment Manager

AS. Strategic Planning and International Programs Manager

AT. Requirements and Licensing Manager

AU. Systems Engineering Manager

AV. Information Management Services Manager

AW. Project Engineer

5. PROCEDURE

5.1 GENERAL

- 5.1.1** The M&O is made up of 11 team members under the direction of TRW Environmental Safety Systems (TESS), Inc. The M&O team member contractors are: TRW; Duke Engineering & Services, Inc; Fluor Daniel, Inc; Morrison Knudsen Corporation; B&W Fuel Company; Woodward-Clyde Federal Services; INTERA, Inc; JK Associates, Inc; E.R. Johnson Associates, Inc; R&D Associates; and Winston & Strawn.
- 5.1.2** Attachment I, CRWMS M&O Organization Chart, describes the organizational structure of the M&O. Section 5.4 provides a brief description of the reporting relationships and responsibilities for each of the key managers of the M&O organization. For those organizational managers who perform work subject to QARD requirements, primary quality assurance responsibilities are also listed.
- 5.1.3** The organizational structure of the M&O Quality Assurance organization is shown in Attachment II, M&O QA Organization Chart.
- 5.1.4** All M&O positions responsible for performing work subject to QARD requirements shall be occupied by individuals with knowledge and experience commensurate with their assigned responsibilities as verified in accordance with QAP-2-2, Verification of Personnel Qualifications. They shall perform their assigned responsibilities in accordance with the QARD and applicable Quality Administrative Procedures (QAPs) and Implementing Line Procedures (ILPs).
- 5.1.5** All personnel who have been assigned to perform work are responsible and accountable for achieving and maintaining quality for their assigned work. The Quality Assurance organization is assigned the responsibility for verifying the achievement of quality for those activities subject to QARD requirements.
- 5.1.6** The organizational structure of the M&O may be revised as necessary to adapt to changes in the work scope, operational efficiency, or other reasons. As these changes are formally published, this procedure shall be revised.
- 5.1.6.1** In cases where organizational changes do not represent a responsibility change (only title change or reporting changes) the position descriptions will be changed and verification of education and experience shall not be redone.

5.1.6.2 In cases where organizational changes represent a responsibility change, the need for new position descriptions and verification of education and experience qualifications shall be evaluated in accordance with QAP-2-2 and proper action taken upon the evaluation.

5.1.7 The M&O Quality Assurance Manager shall submit this procedure and all changes to OCRWM for acceptance.

5.2 DELEGATION OF WORK

5.2.1 Responsible M&O positions or organizations may delegate authority for performing work subject to QARD requirements between M&O sites, functional organizations, and subcontractors. However, ultimate responsibility for accomplishing delegated tasks and compliance with QARD requirements shall remain with the delegating position or organization.

5.2.2 Delegation shall not occur if there is a conflict with M&O policy or with requirements specified in applicable contract documents or M&O QAPs or ILPs.

5.2.3 All delegations of work subject to QARD requirements shall be documented and signed by the delegating manager. This document shall be submitted by the delegating manager to the Local Records Center (LRC) in accordance with QAP-17-1. If termination conditions for the delegation are not specified within this letter, then termination shall be documented in a separate letter signed by the delegating manager and submitted to the LRC.

5.3 RESOLUTION OF DISPUTES

Disputes involving differences of opinion on quality assurance matters or issues are brought to the attention of management and, if not resolved, are elevated progressively to the Quality Assurance Manager. If satisfactory resolution cannot be obtained at that level, the matter is then elevated to the M&O General Manager. The resolution of such disputes is controlled under QAP-1-1.

5.4 M&O MANAGEMENT POSITION REPORTING AND RESPONSIBILITIES

5.4.1 M&O General Manager

The M&O General Manager reports to the TRW Systems Integration Group Vice President and General Manager and has the overall responsibility for managing the CRWMS M&O organization. Key management positions reporting directly to the M&O General Manager include the Counsel, M&O QA Manager, Chief Engineer, Senior Staff, Finance and Administration Manager, Contracts and Subcontracts Manager, Human Resources Manager, Communications Manager, Assistant

General Manager for Waste Acceptance, Storage and Transportation, Assistant General Manager, Nevada and the Assistant General Manager for Program Integration. The quality assurance responsibilities and authorities of the M&O General Manager are as follows:

- A. Ensure the establishment and implementation of the M&O QA Program is in compliance with the QARD requirements.
- B. Ensure the establishment of M&O QA policies and controls are in compliance with DOE Office of Civilian Radioactive Waste Management (OCRWM) QA program and M&O QA program requirements.
- C. Approve all M&O QAPs.
- D. Provide funding and resources to ensure the achievement of QA program objectives.
- E. Interface with OCRWM and through OCRWM with: the Nuclear Regulatory Commission (NRC); Federal regulatory agencies; nuclear power industry representatives; interested local governments, Indian tribes, and the general public on quality assurance matters related to their areas of interest.
- F. Ensure M&O-wide awareness of QA program requirements, issues, discrepancies, corrective actions, and responsibilities.
- G. Ensure there is an annual management assessment of the M&O QA program.
- H. Ensure that disputes involving QA program requirements and discrepancies are resolved by the appropriate functional management position(s) and if not resolved, elevated progressively to successively higher management levels in a timely fashion until resolution is achieved.
- I. Direct that all M&O personnel comply with quality standards for activities subject to QARD requirements and that the M&O QA organization verify compliance.
- J. Appoint an M&O QA Manager with appropriate knowledge and experience in management and quality assurance to report at the same organizational level as the highest line manager in the M&O organization.
- K. Ensure that the M&O QA Manager is sufficiently independent from cost and schedule considerations and has organizational freedom to communicate effectively with other senior management positions.

- L. Ensure that the M&O QA Manager has no other assigned responsibilities unrelated to the QA program that will prevent full attention to QA matters.
- M. Ensure that establishment, implementation, and approval of the M&O Stop Work Program is in compliance with the QARD requirements.

5.4.1.1 M&O Counsel

The M&O Counsel, located in Vienna, Virginia, reports directly to the M&O General Manager and has the responsibility for managing the M&O Law Department activities at all M&O locations. The M&O Counsel provides legal advice to the M&O and counsel to Source Evaluation Boards. The activities of this office are not subject to the control of the QARD.

5.4.2 M&O Quality Assurance Manager

The M&O Quality Assurance Manager, located in Las Vegas, Nevada, reports directly to the M&O General Manager and has overall responsibility for managing all M&O QA organization activities at all M&O locations. Reporting to the M&O Quality Assurance Manager are the QA Audits and Surveillance Manager, QA Manager, Vienna (both located in Vienna, Virginia), and the QA Manager, Nevada. The quality assurance responsibilities and authorities of the M&O Quality Assurance Manager are as follows:

- A. Incorporate M&O policies and controls established by the M&O General Manager into the M&O QA Program.
- B. Interpret, establish, approve, maintain, and verify implementation of an M&O QA program to ensure that it is in compliance with the OCRWM QARD.
- C. Oversee and verify the development, maintenance, review, and approval of an M&O program-wide set of QAPs addressing all M&O program applicable requirements specified within the QARD.
- D. Approve all M&O QAPs.
- E. Ensure the identification of quality discrepancies and their causes and provide recommendations for and validation of appropriate corrective actions in accordance with QARD requirements.
- F. Verify that all M&O generated documents involving activities subject to QARD requirements are developed and maintained in accordance with applicable QARD requirements.

- G. Interface with OCRWM and through OCRWM with: the NRC; Federal regulatory agencies; nuclear power industry representatives; and interested local governments, Indian tribes, and the general public on quality assurance matters related to their areas of interest.
- H. Provide quality engineering and quality support services to ensure M&O QA Program compliance with the QARD.
- I. Implement the audit and surveillance program for the overall M&O QA Program in accordance with the QARD.
- J. Authority to stop work in accordance with the M&O Stop Work procedure when significant conditions adverse to quality warrant such action.

5.4.2.1 QA Audits and Surveillance Manager

The QA Audits and Surveillance Manager is responsible for the total administration of the M&O Audits and Surveillance Program over all M&O activities that are subject to the requirements of the QARD. This position is located in Vienna, Virginia, with staff located in both Vienna and Nevada. The quality assurance responsibilities of the QA Audits and Surveillance Manager are as follows:

- A. Manage the Audit and Surveillance program to verify program compliance and identify quality deficiencies for all M&O activities subject to QARD requirements.
- B. Administer the auditor certification program.
- C. Manage the M&O audits and surveillance program.

5.4.2.2 QA Manager, Vienna

The QA Manager, Vienna reports to the M&O QA Manager and is responsible for serving as Deputy to the M&O QA Manager and for managing the M&O QA program development and implementation activities being performed in Vienna, Virginia. Reporting to the QA Manager, Vienna are the Vienna Quality Engineering Manager and the Vienna Quality Engineering Support Manager. The quality assurance responsibilities of the QA Manager, Vienna are as follows:

- A. Keep abreast of activities across the entire M&O QA organization and serve as Deputy to the M&O QA Manager in his absence.

- B. Manage QA Program development and implementation activities assigned to the M&O Vienna QA organization.
- C. Incorporate QA policies and controls established by the M&O General Manager into M&O Vienna QA activities.
- D. Manage the development, review, approval and maintenance process for M&O Vienna generated QAPs and ILPs addressing requirements specified within the QARD and applicable M&O QAPs.
- E. Review and approve Vienna and Charlotte specific ILPs.
- F. Ensure the implementation and maintenance of the M&O QA Corrective Action Program for M&O Vienna activities. Identify quality discrepancies and their causes and provide recommendations for implementation of appropriate corrective actions in accordance with the QARD document.
- G. Verify that all M&O Vienna generated documents involving activities subject to QARD requirements are developed and maintained in accordance with applicable QARD requirements.
- H. Manage the Quality Management Information System (QMIS) activities for the M&O QA program.
- I. Interface with OCRWM and through OCRWM with: the NRC; Federal regulatory agencies; nuclear power industry representatives; and interested local governments, Indian tribes, and the general public on quality assurance matters related to their areas of interest.

5.4.2.2.1 Vienna Quality Engineering Manager

The Vienna Quality Engineering Manager reports to the QA Manager, Vienna. This position is responsible for managing the M&O QA Program development and maintenance activities assigned to the Vienna QA organization. The following quality assurance responsibilities are primarily assigned to the Vienna Quality Engineering Manager, however any of these responsibilities may be performed by the Vienna Quality Engineering Support Manager as assigned by the QA Manager, Vienna:

- A. Develop, process, and maintain Vienna QA assigned Quality Administrative Procedures (QAPs) and ILPs.

- B. Manage the QA support of the M&O Quality Review Board.
- C. Perform Quality Engineering reviews of line documents and products that are subject to the requirements of the QARD.
- D. Resolve Corrective Action Reports (CARs), develop QA assigned corrective action plans and root cause reports.
- E. Provide QA training to Vienna personnel assigned activities subject to the requirements of the QARD.
- G. Manage the quality engineering activities in support of the Assistant General Manager for Waste Acceptance, Storage and Transportation and the Assistant General Manager, Program Integration.
- H. Assist in the M&O QA audits and surveillance as requested by the QA Audits and Surveillance Manager.
- I. Interface with technical groups on resolving activities that are subject to the requirements of the QARD.

5.4.2.2.2 Vienna Quality Engineering Support Manager

The Vienna Quality Engineering Support Manager reports to the QA Manager, Vienna. This position is responsible for managing the M&O QA Program implementation activities assigned to the Vienna QA organization. The following quality assurance responsibilities are primarily assigned to the Vienna Quality Engineering Support Manager, however any of these responsibilities maybe performed by the Vienna Quality Engineering Manager as assigned by the QA Manager, Vienna:

- A. Maintain the CAR status database.
- B. Maintain automated requirements traceability for compliance with the QARD.

- C. Review M&O QA procurement to ensure incorporation of QARD requirements into the procurement documents.
- D. Maintain the QMIS database.
- E. Review, prepare and authenticate QA record packages.
- F. Coordinate development of new QAPs and ILPs.
- G. Assist in M&O QA audits and surveillance as requested by the QA Audits and Surveillance Manager.
- H. Trend all findings against the M&O and prepare the QMIS Trend Report.
- I. Assist in support of the M&O Quality Review Board.
- J. Submit data for the QMIS Trend Report.

5.4.2.3 QA Manager, Nevada

The QA Manager, Nevada reports to the M&O QA Manager and has overall responsibility for the quality engineering, quality support and M&O field overview activities for the M&O at the Las Vegas M&O office and the Nevada Test Site. Reporting to the QA Manager, Nevada are the Nevada Quality Engineering Manager, Nevada Quality Engineering Support Manager and the Nevada Site QA Construction Manager. The quality assurance responsibilities of the QA Manager, Nevada are as follows:

- A. Manage QA Program development, implementation and field operation activities assigned to the Nevada QA organization.
- B. Incorporate M&O QA policies and controls established by the M&O General Manager into the M&O Nevada Site QA Program.
- C. Manage the development, review, approval and maintenance process for M&O Nevada generated QAPs and ILPs addressing requirements specified within the QARD and applicable M&O QAPs.

- D. Ensure the implementation and maintenance of the M&O QA Corrective Action Program for Nevada Site activities. Identify quality discrepancies and their causes and provide recommendations for implementation of appropriate corrective actions in accordance with the QARD document.
- E. Verify that all Nevada Site M&O generated documents involving activities subject to QARD requirements are developed and maintained in accordance with applicable QARD requirements.
- F. Interface with OCRWM and through OCRWM with: the NRC; Federal regulatory agencies; nuclear power industry representatives; and interested local governments, Indian tribes, and the general public on quality assurance matters related to their areas of interest.
- G. Implement quality engineering and quality support for the M&O Nevada Site activities subject to QARD requirements in accordance with the QARD.
- H. Provide M&O QA overview inspections and technical support of Exploratory Studies Facility (ESF) construction activities which are subject to QARD requirements at the Nevada Test Site.

5.4.2.3.1 Nevada Quality Engineering Manager

The Nevada Quality Engineering Manager reports to the QA Manager, Nevada. This position is responsible for managing the M&O QA Program development and maintenance activities assigned to the Nevada QA organization. The following quality assurance responsibilities are primarily assigned to the Nevada Quality Engineering Manager, however any of these responsibilities maybe performed by the Nevada Quality Engineering Support Manager as assigned by the QA Manager, Nevada:

- A. Manage the quality engineering activities in support of the Assistant General Manager, Nevada.
- B. Develop, process, and maintain Nevada QA assigned QAPs and ILPs.
- C. Assist in support of the M&O Quality Review Board.

- D. Perform quality engineering reviews of line documents and products that are subject to the requirements of the QARD.
- E. Resolve CARs, develop QA assigned corrective action plans and root cause reports.
- F. Submit data for the QMIS Trend Report.
- G. Assist in the M&O QA audits and surveillance as requested by the QA Audits and Surveillance Manager.
- H. Interface with technical groups on resolving activities that are subject to the requirements of the QARD.

5.4.2.3.2 Nevada Quality Engineering Support Manager

The Nevada Quality Engineering Support Manager reports to the QA Manager, Nevada. This position is responsible for managing the M&O QA Program implementation activities assigned to the Nevada QA organization. The following quality assurance responsibilities are primarily assigned to the Nevada Quality Engineering Support Manager, however any of these responsibilities may be performed by the Nevada Quality Engineering Manager as assigned by the QA Manager, Nevada:

- A. Maintain current status on CARs for the CAR status database.
- B. Provide input for Nevada M&O QAPs/ILPs for the automated requirements traceability for compliance with the QARD.
- C. Review Nevada M&O QA procurement and incorporate QARD requirements into the procurement documents.
- D. Provide input to the QMIS database.
- E. Review, prepare, and authenticate QA record packages.
- F. Coordinate development of new QAPs and ILPs.

G. Assist in M&O QA audits and surveillance as requested by the QA Audits and Surveillance Manager.

H. Submit data for the QMIS Trend Report.

5.4.2.3.3 Nevada Site QA Construction Manager

The Nevada Site QA Construction Manager reports to the QA Manager, Nevada. This position is responsible for managing the quality control overview inspections and the QA field technical support in support of the ESF construction activities at the Nevada Test Site. Reporting to this position are the M&O QA engineers and overview inspectors assigned to the Nevada Test Site. The primary quality assurance responsibilities of this position are managing the technical support reviews and overview inspections on the construction activities for those ESF items that are subject to the requirements of the QARD.

5.4.3 Chief Engineer

The Chief Engineer is a senior staff position reporting directly to the M&O General Manager. This position is responsible for performing special assignments from the M&O General Manager. The quality assurance responsibilities for the Chief Engineer are as follows:

- A. Incorporate M&O QA policies and controls established by the M&O General Manager on assigned activities.
- B. Coordinate with the M&O QA Manager to ensure that the Chief Engineer activities subject to QARD requirements are compliant with the QARD document.
- C. Participate in indoctrination and training prior to performing activities subject to QARD requirements.
- D. Interface with OCRWM and through OCRWM with: the NRC; Federal regulatory agencies; nuclear power industry representatives; and interested states, local governments, Indian tribes, and the general public concerning M&O engineering requirements and issues as required.
- E. Coordinate with the M&O QA Manager in planning and implementing corrective actions.

- F. Coordinate with the M&O QA Manager in planning and implementing quality engineering, audits, and surveillance concerning Chief Engineer activities.
- G. Ensure that development and maintenance of Chief Engineer generated documents subject to QARD requirements are in compliance with the QARD document.

5.4.4 Senior Staff

The M&O Senior Staff reports directly to the M&O General Manager. The M&O Senior Staff is comprised of senior scientists who perform reviews and evaluations, strategic long-range and contingency planning, write white papers, develop presentations/briefings and perform other special evaluations/assignments at the direction of the M&O General Manager. The activities of this group are not subject to QARD controls as work products are not part of the technical document baseline.

5.4.5 Finance and Administration Manager

The Finance and Administration Manager reports to the M&O General Manager and is responsible for all financial and office administration aspects of the M&O. The activities of this office are not subject to the controls of the QARD.

5.4.6 Contracts and Subcontracts Manager

The Contracts and Subcontracts Manager reports to the M&O General Manager and is responsible for managing contracts administration. Reporting to this position are the Contracts Administrator and the Subcontracts and Purchasing Manager. The quality assurance responsibilities and authorities for the Contracts and Subcontracts Manager are as follows:

- A. Incorporate M&O QA policies and controls established by the General Manager for Contracts and Subcontracts activities.
- B. Coordinate with the M&O QA Manager to ensure that Cost and Schedule Control activities subject to QARD requirements are compliant with the QARD document.
- C. Coordinate review of contractor in accordance with the applicable M&O QAPs on procurement which are subject to QARD requirements.
- D. Ensure participation of Contracts and Subcontracts staff in the M&O QA indoctrination, training, and certification program for employees who perform activities subject to QARD requirements.

- E. Interface with OCRWM and through OCRWM with: the NRC; Federal regulatory agencies; nuclear power industry representatives; and interested local governments, Indian tribes, and the general public concerning Contracts and Subcontracts QA requirements and issues as required.

5.4.7 Human Resources Manager, Vienna

The Human Resources Manager, Vienna reports to the M&O General Manager. This position is responsible for managing the human resources (employee benefits, compensation, employee assistance program, employee relations, total quality management, staffing, training, and health, safety and environmental affairs) for the entire M&O. Reporting to the Human Resources Manager are the M&O Training Manager, Health, Safety, and Environmental Affairs; and the Total Quality Management Development. The Human Resources Manager is responsible for the administrative functions defined in QAP-2-2, Verification of Personnel Qualifications.

5.4.7.1 Training Manager, Vienna

The M&O Training Manager, Vienna reports to the Human Resources Manager and is responsible for the administration of the M&O QA Training Program. The quality assurance responsibilities of the Training Manager are as follows:

- A. Manage the indoctrination, training, and certification programs in accordance with QARD requirements for all M&O employees who perform activities subject to QARD requirements.
- B. Incorporate M&O QA policies and controls established by the M&O General Manager into all training and experience/education verification activities.
- C. Coordinate with the M&O QA Manager to ensure that training and verification activities subject to QARD requirements are compliant with the QARD document.
- D. Interface with OCRWM and through OCRWM with: NRC; Federal regulatory agencies; nuclear power industry representatives; and interested states, local governments, Indian tribes, and the general public concerning Human Resources and Training QA requirements and issues as required.

5.4.7.2 Health, Safety, and Environmental Affairs Manager, Vienna

The Health, Safety, and Environmental Affairs Manager reports to the Human Resources Manager and is responsible for the development, implementation, and maintenance of the TESS Health, Safety, and Environmental Affairs Program. The quality assurance responsibilities of the Health, Safety, and Environmental Affairs Manager are as follows:

- A. Safety management efforts which support activities involving collection or evaluation of data used to assess dispersion of radioactive materials from the MGDS facility.
- B. Evaluation of System Safety Plans and Analysis, Health, Safety and Environmental Plans and analysis, Environmental Assessments and Specialty Engineering Data.
- C. Conduct training and training reviews, in conjunction with the training department, related to the above areas of evaluation.
- D. Conduct analysis, studies involving system safety and related issues.

5.4.7.3 Total Quality Management- Development Manager

The Total Quality Management - Development Manager reports to the Human Resources Manager. This position is responsible for developing and managing the Total Quality Management (TQM) program, for both internal program members and our OCRWM customers. These activities include development of TQM courses, involving program management in the TQM process, helping to train and work with program members to achieve their TQM goals. Other activities include working with customers to better understand their needs and work with program members to satisfy them. These activities are not subject to the controls of the QARD.

5.4.8 Communications Manager

The Communications Manager reports to the M&O General Manager. This position tracks CRWMS progress, news releases, attends pertinent meetings, makes presentations/briefings on M&O progress and keeps M&O management apprised of program events. The activities of the Communication Manager are not subject to the requirements of the QARD.

5.4.9 Assistant General Manager for Waste Acceptance, Storage and Transportation

The Assistant General Manager for Waste Acceptance, Storage and Transportation reports to the M&O General Manager. Reporting to this position is the Deputy Assistant General Manager for Waste Acceptance, Storage and Transportation. The quality assurance responsibilities for the Assistant General Manager for Waste Acceptance, Storage and Transportation are as follows:

- A. Incorporate M&O QA policies and controls established by the M&O General Manager into Waste Acceptance, Storage and Transportation activities.
- B. Ensure that Waste Acceptance, Storage and Transportation assigned work which is subject to the requirements of the QARD are in compliance with the QARD.
- C. Ensure the development, maintenance, review, and approval of Waste Acceptance, Storage and Transportation specific ILPs addressing requirements specified within the QARD and applicable M&O QAPs.
- D. Identify and document CRWMS system level interfaces.
- E. Manage the review of existing and proposed system designs for technical adequacy and compliance with baseline and quality assurance requirements.
- F. Control the verification and validation of software which is to be used on items subject to the requirements of the QARD.
- G. Establish procedures for the development, documentation, control, and implementation of system engineering and scientific models, and for related technical databases.
- H. Monitored Retrieval Storage/Multiple Purpose Canister (MRS/MPC), transportation, and waste acceptance activities into the CRWMS, managing the matrix support from other M&O organizational elements and for controlling the design level configuration. Interface with OCRWM and through OCRWM with: NRC; Federal regulatory agencies; nuclear power industry representatives; and interested states, local governments, Indian tribes, and the general public concerning Waste Acceptance, Storage and Transportation QA activities as required.

5.4.9.1 Deputy Assistant General Manager for Waste Acceptance, Storage and Transportation

The Deputy Assistant General Manager for Waste Acceptance, Storage and Transportation reports to the Assistant General Manager for Waste Acceptance, Storage and Transportation and is responsible for all M&O activities related to the MRS Project, including MRS siting, outreach and institutional affairs, MPC design, procurement and deployment, MRS design and construction, transportation, waste acceptance, and associated licensing and environmental activities. This position is also responsible for integrating the products of the MRS, transportation, and waste acceptance activities into the CRWMS, managing the matrix support from other M&O organizational elements and for controlling the design level configuration. Reporting to the Deputy Assistant General Manager for Waste Acceptance, Storage and Transportation are the MPC Project Manager, Storage Design Manager, Transportation Project Manager, Waste Acceptance Manager, Planning and Control Manager, Systems Engineering Manager, Regulatory Interaction Manager, and Environmental/Institutional Manager. The quality assurance responsibilities of the Deputy Assistant General Manager for Waste Acceptance, Storage and Transportation are as follows (MPC activities will be continued as directed by OCRWM):

- A. Establish MPC and MRS project plans, policy, and procedures in accordance with the requirements of the QARD.
- B. Ensure that personnel are experienced and trained to perform work in accordance with the requirements of the QARD.
- C. Allocate and implement the Waste Acceptance, MPC and MRS and transportation technical requirements developed by the Program Systems Engineering organization.
- D. Develop the MPC and MRS and Transportation designs in accordance with the approved requirements of the QARD.
- E. Review and approve the MPC, MRS, Waste Acceptance, Storage and Transportation technical baseline.
- F. Prepare Requests for Proposal and acquire the Storage and Transportation System in accordance with the requirements of the QARD.

- G. Ensure all QA records subject to the requirements of the QARD generated by Waste Acceptance, Storage and Transportation are properly received and screened.
- H. Ensure that the Systems developed by Waste Acceptance, Storage and Transportation are properly interfaced with the MGDS Project.
- I. Administer and manage a document control function to ensure control of all appropriate documents generated by Waste Acceptance, Storage and Transportation in compliance with the requirements of the QARD.

5.4.9.2 Multiple Purpose Canister Project Manager

The MPC Project Manager reports to the Deputy Assistant General Manager for Waste Acceptance, Storage, and Transportation and is responsible for the proper execution of the MPC Project. The quality assurance responsibilities for the Multi-Purpose Canister Project Manager are as follows:

- A. Ensure that assigned quality affecting work associated with the MPC Project is in compliance with the QARD.
- B. Ensure that a QAP-2-0 analysis of all MPC Project activities is accomplished.
- C. Ensure that personnel assigned work associated with the MPC Project are experienced and trained to perform work in accordance with the requirements of the QARD and the assigned task.
- D. Review QA technical reports, specifications and procurement documents produced within the M&O MPC Project.

5.4.9.3 Storage Design Manager

The Storage Design Manager reports to the Deputy Assistant General Manager for Waste Acceptance, Storage, and Transportation and is responsible for the design of the MRS or other storage facilities, and for design support for the MPC Project Manager. The quality assurance responsibilities for the Storage Design Manager are as follows:

- A. Ensure that assigned quality affecting work associated with Storage Design is in compliance with the QARD.

- B. Ensure that a QAP-2-0 analysis of all Storage Design activities is accomplished.
- C. Ensure that personnel assigned work associated with Storage Design are experienced and trained to perform work in accordance with the requirements of the QARD and the assigned task.
- D. Review QA technical reports, specifications, and procurement documents produced by Storage Design.

5.4.9.4 Transportation Project Manager

The Transportation Project Manager reports to the Deputy Assistant General Manager for Waste Acceptance, Storage, and Transportation and is responsible for the development of the Transportation System. The quality assurance responsibilities for the Transportation Project Manager are as follows:

- A. Ensure that assigned quality affecting work associated with the Transportation Project is in compliance with the QARD.
- B. Ensure that a QAP-2-0 analysis of all Transportation Project activities is accomplished.
- C. Ensure that personnel assigned work associated with the Transportation Project are experienced and trained to perform work in accordance with the requirements of the QARD and the assigned task.
- D. Review QA technical reports, specifications, and procurement documents produced by the Transportation Project.

5.4.9.5 Waste Acceptance Manager

The Waste Acceptance Manager reports to the Deputy Assistant General Manager for Waste Acceptance, Storage, and Transportation and is responsible for the development of the Waste Acceptance Element. The quality assurance responsibilities for the Waste Acceptance Manager are as follows:

- A. Ensure that assigned quality affecting work associated with Waste Acceptance is in compliance with the QARD.

- B. Ensure that a QAP-2-0 analysis of all Waste Acceptance activities is accomplished.
- C. Ensure that personnel assigned work associated with Waste Acceptance are experienced and trained to perform work in accordance with the requirements of the QARD and the assigned task.
- D. Review QA technical reports, specifications, and procurement documents produced by Waste Acceptance.

5.4.9.6 Planning and Control Manager

The Planning and Control Manager reports to the Deputy Assistant General Manager for Waste Acceptance, Storage, and Transportation and is responsible for the development of the Waste Acceptance, Storage and Transportation management plans and procedures, WBS, Cost and Schedule Baseline, and related budget analyses. The quality assurance responsibilities for the Planning and Control Manager are as follows:

- A. Ensure that assigned quality affecting work associated with Planning and Control, if any, is in compliance with the QARD.
- B. Ensure that a QAP-2-0 analysis of all Planning and Control activities is accomplished.
- C. Ensure that personnel assigned work associated with Planning and Control are experienced and trained to perform work in accordance with the requirements of the QARD and the assigned task.
- D. Review QA technical reports, specifications, and procurement documents produced by Planning and Control.

5.4.9.7 Systems Engineering Manager

The Systems Engineering Manager reports to the Deputy Assistant General Manager for Waste Acceptance, Storage, and Transportation and is responsible for Waste Acceptance, Storage, and Transportation studies and analyses, Project-level systems engineering, technical integration, and configuration management. The quality assurance responsibilities for the Systems Engineering Manager are as follows:

- A. Ensure that assigned quality affecting work associated with Systems Engineering is in compliance with the QARD.

- B. Ensure that a QAP-2-0 analysis of all Systems Engineering activities is accomplished.
- C. Ensure that personnel assigned work associated with Systems Engineering are experienced and trained to perform work in accordance with the requirements of the QARD and the assigned task.
- D. Review QA technical documents (including analyses and reports, specifications, interface control documents and procurement documents) and technical control documents (including ILPs) produced by Waste Acceptance, Storage and Transportation, including those produced by Systems Engineering.

5.4.9.8 Regulatory Interaction Manager

The Regulatory Interaction Manager reports to the Deputy Assistant General Manager for Waste Acceptance, Storage, and Transportation and is responsible for identifying certification and regulatory requirements, and serving as the Waste Acceptance, Storage, and Transportation interface with the NRC. The quality assurance responsibilities for the Regulatory Interaction Manager are as follows:

- A. Ensure that assigned quality affecting work associated with Regulatory Interaction is in compliance with the QARD.
- B. Ensure that a QAP-2-0 analysis of all Regulatory Interaction activities is accomplished.
- C. Ensure that personnel assigned work associated with Regulatory Interaction are experienced and trained to perform work in accordance with the requirements of the QARD and the assigned task.
- D. Review of Waste Acceptance, Storage and Transportation QA documentation that is to be provided to the NRC.

5.4.9.9 Environmental/Institutional Manager

The Environmental/Institutional Manager reports to the Deputy Assistant General Manager for Waste Acceptance, Storage, and Transportation and is responsible for implementing the siting program for Waste Acceptance, Storage and Transportation facilities; managing all institutional activities and public interactions for the MRS or other

storage facilities, the MPC, and spent nuclear fuel transportation; developing and reviewing plans for National Environmental Protection Act (NEPA) compliance for Waste Acceptance, Storage and Transportation facilities and, as appropriate, developing and reviewing NEPA documents for the MPC; and coordinating environmental, safety and health activities for Waste Acceptance, Storage and Transportation. The quality assurance responsibilities for the Environmental/Institutional Manager are as follows:

- A. Ensure that assigned quality affecting work associated with Environmental/Institutional is in compliance with the QARD.
- B. Ensure that a QAP-2-0 analysis of all Environmental/ Institutional activities is accomplished.
- C. Ensure that personnel assigned work associated with Environmental/Institutional are experienced and trained to perform work in accordance with the requirements of the QARD and the assigned task.
- D. Review QA technical reports, specifications, and procurement documents produced by Environmental/ Institutional.

5.4.10 Assistant General Manager, Nevada

The Assistant General Manager, Nevada reports to the M&O General Manager and is responsible for the management and integration of all M&O activities within Nevada. Reporting to the Assistant General Manager, Nevada are the Business Management Manager, Nevada, Senior Staff, Nevada, Human Resources Manager, Nevada, Public Affairs Manager, Nevada, Training Manager, Nevada, Safety and Health Manager, Nevada, Management and Integration Deputy- Nevada, and the MGDS Operations Deputy, Nevada. The quality assurance responsibilities for the Assistant General Manager, Nevada are as follows:

- A. Serve as the principal interface between the M&O and the Yucca Mountain Site Characterization Project Office (YMSCO). Serve as M&O Technical Project Officer.
- B. Incorporate M&O QA policies and controls established by the M&O General Manager into M&O Nevada activities which are subject to the requirements of the QARD.

- C. Ensure the development, maintenance, review, and approval of M&O Nevada Site specific ILPs addressing requirements specified within the QARD and applicable M&O QAPs.
- D. Ensure all M&O activities subject to the requirements of the QARD are in compliance with the QARD document.
- E. Ensure participation of M&O Nevada Site staff in the M&O and OCRWM (as appropriate) QA indoctrination, training, and certification programs for employees who perform activities subject to QARD requirements.
- F. Ensure that development and maintenance of engineering specifications, procedures, and other technical documents subject to QARD requirements are in compliance with the QARD document.
- G. Interface with OCRWM and through OCRWM with: NRC; Federal regulatory agencies; nuclear power industry representatives; and interested states, local governments, Indian tribes, and the general public concerning M&O Nevada Site activities as required.
- H. Manage the MGDS Development effort in compliance with the M&O QA Program and YMSCO policies and procedures.

5.4.10.1 Business Management Manager, Nevada

The Business Management Manager, Nevada reports to the Assistant General Manager, Nevada and is responsible for office support, financial matters, meeting support, scheduling, and Project Control. Reporting to the Business Management Manager, Nevada are the Administration Manager, Project Control and Scheduling Manager. The activities of this office are not subject to the controls of the QARD.

5.4.10.2 Senior Staff, Nevada

Senior Staff, Nevada reports directly to the Assistant General Manager, Nevada and is responsible for developing presentations, briefings, white papers, performing non-quality affecting reviews and performing other special evaluations/assignments at the direction of the Assistant General Manager, Nevada. The activities of this group are generally not subject to QARD controls as work products are not part of the technical document baseline. The Senior Staff, Nevada is trained to perform quality affecting work, and is assigned periodically to perform selected quality affecting tasks.

5.4.10.3 Human Resources Manager, Nevada

The Human Resources Manager, Nevada reports to the Assistant General Manager, Nevada. This position is responsible for managing the human resources activities (employee benefits, compensation, employee assistance program, employee relations, total quality management, staffing, and health, safety and environmental affairs) for the M&O Nevada Site organization. The Human Resources Manager, Nevada is responsible for the administrative functions defined in QAP-2-2, Verification of Personnel Qualifications.

5.4.10.4 Public Affairs Manager, Nevada

The Public Affairs Manager, Nevada reports to the Assistant General Manager, Nevada and is responsible for supporting OCRWM public outreach efforts for the YMSCO. This support includes assisting in defining public issues and concerns, developing communication plans and programs, planning and implementing interactions with colleges and universities, assisting DOE in conducting the institutional and outreach programs and integrating outreach into the technical planning and management processes. These activities are not subject to the controls of the QARD.

5.4.10.5 Training Manager, Nevada

The Training Manager, Nevada reports administratively to the Assistant General Manager, Nevada and functionally to the M&O Training Manager. This position is responsible for managing the administration of all training for the M&O personnel assigned to the M&O Nevada Site organization as well as providing training and integrating support to YMSCO. The quality assurance responsibilities for the Training Manager, Nevada are as follows:

- A. Manage the indoctrination, training, and certification programs in accordance with QARD requirements for all M&O Nevada Site employees who perform activities subject to QARD requirements.
- B. Incorporate M&O QA policies and controls established by the M&O General Manager into all training and experience/education verification activities.
- C. Coordinate with the M&O QA Manager, Nevada to ensure that training and verification activities subject to QARD requirements are compliant with the QARD document.

- D. Interface with YMSCO and through YMSCO with: NRC; Federal regulatory agencies; nuclear power industry representatives; and interested states, local governments, Indian tribes, and the general public concerning Training requirements and issues as required.

5.4.10.6 Safety and Health Manager, Nevada

The Safety and Health (S&H) Manager, Nevada reports to the Assistant General Manager, Nevada and is responsible for the development, implementation, and maintenance of an effective M&O Contractor, Nevada Site, S&H Program. The S&H Manager also assists the YMSCO Project S&H Officer, as requested. Reporting to the S&H Manager are the Occupational S&H Supervisor, Site S&H Supervisor, and Technical Support. The activities of this group are not subject to the requirements of the QARD.

5.4.10.7 Management and Integration Deputy, Nevada

The Management and Integration Deputy, Nevada reports to the Assistant General Manager, Nevada and is responsible for planning and integration, performance monitoring, project control, project engineering, and management support to YMSCO. Reporting to the Management and Integration Deputy are the Planning and Integration Manager, Nevada, Project Control Manager, Nevada, Scientific Program Integration Manager, Nevada, Project Engineering Manager, Nevada, Compliance Integration Manager, Nevada, Administrative Integration Manager, Nevada, Washington Liaison Manager, Nevada, Institutional Integration Manager, Nevada, and staff. The primary quality assurance responsibility of this position is to ensure that activities that support items which are subject to QARD controls are performed in accordance with the requirements of the QARD.

5.4.10.7.1 Planning and Integration Manager, Nevada

The Planning and Integration Manager, Nevada reports to the Management and Integration Deputy, Nevada and is responsible for the project and WBS level Technical Implementation Plans, integration support to DOE, and coordination of integration issues between the M&O and YMP participant representatives. Reporting to the Planning and Integration Manager are the planning staff. The activities of this group are not subject to the requirements of the QARD.

5.4.10.7.2 Project Control Manager, Nevada

The Project Control Manager, Nevada reports to the Management and Integration Deputy, Nevada and is responsible for support of YMSCO Project Control, YMSCO Level 2 Change Control Board (CCB), and budget analysis. Reporting to the Project Control Manager are the Budget Analysis Manager, Project Control Support Manager, YMSCO CCB Support Manager, and the Plans and Procedures Manager. The activities of support to the YMSCO CCB function are subject to the requirements of the QARD for those activities associated with items subject to QARD controls (under YMSCO procedures).

5.4.10.7.3 Scientific Program Integration Manager, Nevada

The Scientific Program Integration Manager, Nevada reports to the Management and Integration Deputy and is responsible for supporting the YMSCO in planning, budgeting, scheduling, controlling, integrating and reporting all site characterization operations and activities. Reporting to the Scientific Program Integration Manager are managers and technical specialists that support DOE counterparts. The primary quality assurance responsibility for this position is to ensure that all activities on items subject to the requirements of the QARD are in compliance with the QARD. This includes reviews of studies and documents that will become part of the technical baseline for items that are subject to the requirements of the QARD.

5.4.10.7.4 Project Engineering Manager, Nevada

The Project Engineering Manager, Nevada reports to the Management and Integration Deputy and is responsible for managing and integrating all functions associated with the ESF Project, site operations, and repository design. Reporting to the Project Engineering Manager are managers and engineers that support counterpart DOE Managers and staff. The primary quality assurance responsibility of this position is to ensure that activities in support of the ESF Project, site operations, and repository design on items that are subject to QARD controls are in compliance with the QARD.

5.4.10.7.5 Compliance Integration Manager, Nevada

The Compliance Integration Manager, Nevada reports to the Management and Integration Deputy, Nevada and is responsible for supporting the YMSCO in planning, budgeting, scheduling, controlling, integrating, and reporting all licensing, site suitability, performance assessment, technical data, and systems engineering activities. Reporting to the Compliance Integration Manager are managers and technical specialist that support DOE counterparts. The primary quality assurance responsibility for this position is to insure that all activities on items subject to the QARD are in compliance with the QARD.

5.4.10.7.6 Administrative Integration Manager, Nevada

The Administrative Integration Manager, Nevada reports to the Management and Integration Deputy and is responsible for supporting the YMSCO in planning, budgeting, scheduling, controlling, integrating, and reporting all administrative, information resource management, licensing support system, automated data processing (ADP), budgeting, procurement, contacting and clerical activities. Reporting to the Administrative Integration Manager are managers and technical specialist that support DOE counterparts. The primary quality assurance responsibility for this position is to insure that all activities on items subject to the QARD are in compliance with the QARD.

5.4.10.7.7 Washington Liaison Manager , Nevada

The Washington Liaison Manager, Nevada reports to the Management and Integration Deputy and is responsible for providing liaison between the M&O management and integration group in Nevada and the M&O organization in Washington, DC and Vienna, Virginia. Reporting to the Washington Liaison Manager are managers and technical specialist that support DOE counterparts. The primary quality assurance responsibility for this position is to insure that all activities on items subject to the QARD are in compliance with the QARD.

5.4.10.7.8 Institutional Integration Manager- Nevada

The Institutional Integration Manager, Nevada reports to the Management and Integration Deputy and is responsible for supporting YMSCO in planning, budgeting, scheduling, controlling, integrating, and reporting all institutional and public affairs activities. The activities of this group are not subject to the requirements of the QARD.

5.4.10.8 MGDS Operations Deputy, Nevada

The MGDS Operations Deputy, Nevada reports to the Assistant General Manager, Nevada and is responsible for operations of the M&O in the areas of construction management, MGDS development, regulatory and technical evaluations, systems engineering, and support operations. Reporting to the MGDS Operations Deputy are the Construction Management Manager, Nevada, MGDS Development Manager, Nevada, Regulatory & Technical Evaluation Manager, Nevada, Systems Engineering Manager, Nevada, and the Support Operations Manager, Nevada. The primary quality assurance responsibility of the MGDS Operations Deputy, Nevada is to ensure that the products and services developed by this organization that are subject to the controls of the QARD are in compliance with the QARD.

5.4.10.8.1 Construction Management Manager, Nevada

The Construction Management Manager, Nevada reports to the MGDS Operations Deputy, Nevada and is responsible for management support to YMSCO for the construction of the ESF, construction activities in surface based testing, general site facilities, and the integration of all Nevada Test Site activities in support of ESF construction. Functions performed by the Construction Management Office include field construction management, contracts management support, field project control and field project engineering. The primary quality assurance responsibility of this position is to ensure that activities on ESF items that are subject to the QARD are performed in accordance with the controls of the QARD.

5.4.10.8.2 MGDS Development Manager, Nevada

The MGDS Development Manager, Nevada reports to the MGDS Operations Deputy, Nevada and is responsible for the management, integration and performance of work associated with repository surface design, repository subsurface design, Engineered Barrier System (EBS) design, and ESF detailed design. This also includes planning, budgeting, scheduling, controlling, and reporting for all MGDS Development activity. Reporting to the MGDS Development Manager, Nevada are the Surface Design Manager, Subsurface Design Manager, Waste Package Development Manager, MGDS QA Program Compliance Coordinators, and MGDS Development Integration. The quality assurance responsibilities for the MGDS Development Manager are as follows:

- A. Establish MGDS project plans, policy, and procedures in accordance with the requirements of the QARD.
- B. Ensure personnel are trained to perform work in accordance with the requirements of the QARD.
- C. Implement for identified configuration items, the MGDS technical requirements developed by the systems organization.
- D. Perform ESF Title II design in accordance with the QARD.
- E. Perform EBS design and development in accordance with the QARD.
- F. Perform repository design and development in accordance with the QARD.
- G. Perform Title III inspections in accordance with DOE Order 4700.1 for items subject to QARD requirements.
- H. Ensure all work subject to the requirements of the QARD is in compliance with the QARD.

5.4.10.8.3 Regulatory & Technical Evaluation Manager, Nevada

The Regulatory & Technical Evaluation Manager, Nevada reports to the MGDS Operations Deputy, Nevada and is responsible for supporting the regulatory and licensing process, conducting performance assessments of the repository system and subsystems, performing technical evaluations, and maintaining technical data. Reporting to the Regulatory & Technical Evaluation Manager, Nevada are Senior Staff, the Regulatory and Licensing Manager, Performance Assessment and Modeling Manager, Technical Evaluation Manager, and the Technical Data Management Manager. The quality assurance responsibilities for the Regulatory & Technical Evaluation Manager are as follows:

- A. Develop models for items subject to the requirements of the QARD in accordance with the QARD.
- B. Conduct performance assessment analysis, including waste isolation impact analysis, for items subject to the requirements of the QARD in accordance with the QARD.
- C. Perform reviews, including technical assessment reviews and peer reviews, in accordance with the QARD of technical documents and activities that are subject to the requirements of the QARD.
- D. Ensure all assigned work subject to the requirements of the QARD is in compliance with the QARD.

5.4.10.8.4 Systems Engineering Manager, Nevada

The Systems Engineering Manager, Nevada reports to the MGDS Operations Deputy, Nevada and is responsible for requirements document preparation, verification and traceability; system analysis, studies and modeling; integration and preparation of Determination of Importance analyses; coordinating MGDS Total System Life-Cycle Cost efforts; specialty engineering, configuration management, and integrating the M&O technical activities which support the MGDS. Reporting to the Systems Engineering Manager, Nevada are the Requirements Manager, System Analysis & Modeling Manager, Determination of

Importance Manager, Specialty Engineering Manager and staff. The quality assurance responsibilities for the Systems Engineering Manager are as follows:

- A. Establish MGDS project plans, policy, and procedures in accordance with the requirements of the QARD.
- B. Ensure personnel are trained to perform work in accordance with the requirements of the QARD.
- C. Ensure that all work subject to the QARD is in compliance with the QARD.
- D. Verify traceability of design and requirements documents to top level requirements.
- E. Develop the MGDS technical baseline (including repository and engineered barrier technical requirements based on Advanced Conceptual Design activities).
- F. Develop detailed design requirements in response to top level requirements including the requirements of the QARD.
- G. Evaluate the importance of engineered items to determine necessary quality assurance controls on these items.
- H. Maintain the MGDS technical baseline based on configuration management requirements.

5.4.10.8.5 Support Operations Manager, Nevada

The Support Operations Manager, Nevada reports to the MGDS Operations Deputy, Nevada and is responsible for receipt and storage of program records, information management systems (IMS)/ADP support, M&O document control, and publications support. Reporting to the Support Operations Manager, Nevada are the Software Configuration Management Manager, Records Management Manager, IMS/ADP Operations Manager, Publications Support Manager, and the Plans and Procedure Manager. The quality assurance responsibilities for the Support

Operations Manager are as follows:

- A. Process and maintain all project records including QA records generated by YMSCO participants.
- B. Manage the document control activities to ensure control of all issued M&O and OCRWM directed documents are in compliance with the requirements of the QARD.
- C. Generate and maintain all YMSCO plans and procedures.
- D. Ensure all assigned work subject to the requirements of the QARD is in compliance with the QARD.
- E. Manage the Software Configuration Control Board approved software that is qualified for use in work that is subject to QARD requirements and provide appropriate identification of those software related items.

5.4.11 Assistant General Manager for Program Integration

The Assistant General Manager for Program Integration reports to the M&O General Manager and is responsible for the CRWMS project development, coordination of Program Integration activities with the M&O Nevada Site activities, M&O planning and control and M&O administration. Reporting to the Assistant General Manager for Program Integration, are the Performance Assessment Manager, Strategic Planning & International Programs Manager, Regulatory and Licensing Manager, Systems Engineering Manager, Program Outreach Manager, Contracting officer's technical representative coordination for the M&O subcontractors, Management Systems Manager, Information Management Services Manager and the MGDS Liaison Manager. The quality assurance responsibilities of the Assistant General Manager, Program Integration are as follows:

- A. Incorporate M&O QA policies and controls established by the M&O General Manager into Program Integration activities.
- B. Ensure that Program Integration activities subject to the requirements of the QARD are performed in compliance with the QARD.

- C. Ensure the development, maintenance, review, and approval of Program Integration specific ILPs addressing requirements specified within the QARD and applicable M&O QAPs.
- D. Ensure Program Integration staff participation in the M&O QA indoctrination, training, and certification program for employees who perform activities subject to QARD requirements.
- E. Interface with OCRWM and through OCRWM with: NRC; Federal regulatory agencies, nuclear power industry representatives; and interested states, local governments, Indian tribes, and the general public concerning Program Integration QA activities as required.
- F. Ensure that development and maintenance of engineering specifications, procedures, and other technical documents subject to the requirements of the QARD are in compliance with the QARD.
- G. Manage M&O document control and record management activities to the requirements of the QARD.
- H. Identify and document CRWMS System level interfaces.
- I. Manage the review of existing and proposed system designs for technical adequacy and compliance with baseline and quality assurance requirements.
- J. Control the verification and validation of software which is to be used on items subject to the requirements of the QARD.
- K. Establish procedures for the development, documentation, control, and implementation of system engineering and scientific models, and for related technical data bases.

5.4.11.1 Performance Assessment Manager

The Performance Assessment Manager reports to the Assistant General Manager for Program Integration, and is responsible for managing the integration of all performance assessment activities across the CRWMS Program, for the development, maintenance, and execution of System and Subsystem level models to support the Program Decision-making process, and conducting performance assessment in support of licensing and design activities. The primary quality assurance responsibilities for this position are to ensure that the performance of all assigned reviews and model verifications and validations for items subject to the requirements of the QARD are in compliance with the QARD document.

5.4.11.2 Strategic Planning & International Programs Manager

The Strategic Planning & International Programs Manager reports to the Assistant General Manager for Program Integration, and is responsible for interfacing with OCRWM and assisting with or performing assigned strategic, long-range, and contingency planning including tracking and advising the M&O and OCRWM on current international high level waste programs. These activities are not subject to the controls of the QARD.

5.4.11.3 Regulatory and Licensing Manager

The Regulatory and Licensing Manager reports to the Assistant General Manager for Program Integration, Regulatory and is responsible for the OCRWM assigned licensing activities of the M&O. Reporting to this position are the Analysis Manager, Environmental and Socioeconomic Manager, and the Licensing and Regulatory Manager. Activities assigned to this office are requirements review, monitoring upcoming regulations, issue resolution, drafting the licensing annotated outlines and the license application. The only activities performed by this office that are subject to QARD requirements are reviews performed on documents that support the design basis documentation for items that are subject to the controls of the QARD.

5.4.11.4 Systems Engineering Manager

The Systems Engineering Manager reports to the Assistant General Manager for Program Integration, and is responsible for managing system requirements development, system integration, analysis, development and modeling, and databases. Reporting to this position are the Systems Integration Manager, Systems Analysis Manager, Systems Development Manager and the Modeling and Databases Manager. The quality assurance responsibilities for the Systems Engineering Manager are as follows:

- A. Establish and implement System Engineering procedures for performing activities subject to the requirements of the QARD.
- B. Manage the identification and development of system interfaces.
- C. Manage the analysis of design packages to ensure compliance with established system requirements and the requirements of the QARD for those items subject to the QARD.

- D. Support and implement CRWMS Level 1 configuration control activities.
- E. Evaluate and integrate engineering and other technical activities to ensure achievement of technical baseline and compliance with the requirements of the QARD.
- F. Interface with OCRWM and through OCRWM with: NRC; Federal regulatory agencies; nuclear power industry representatives; and interested states, local governments, Indian tribes, and the general public concerning Systems Engineering activities as required.

5.4.11.5 Program Outreach Manager

The Program Outreach Manager reports to the Assistant General Manager for Program Integration and is responsible for supporting DOE public outreach efforts for the CRWMS. This support includes assisting in defining public issues and concerns, developing communication plans and programs, producing informational and educational materials, assisting DOE in conducting public meetings, and integrating outreach into every facet of the program. These activities are not subject to the controls of the QARD.

5.4.11.6 Management Systems Manager

The Management Systems Manager reports to the Assistant General Manager for Program Integration and is responsible for developing and maintaining program cost, schedule, and performance status and serves as the single point of information to assess performance against baseline. Reporting to the Management Systems Manager are the Program Control and Scheduling Manager, Performance Measurement Manager, and Program Planning Manager. The activities of this office are not subject to the controls of the QARD.

5.4.11.7 Information Management Services Manager

The Information Management Services Manager reports to the Assistant General Manager for Program Integration and is responsible for records management, document control, administrative support for meetings, the M&O Technical Information Center, publication services, forms management, mail services, reprographics, ADP installation and support, user ADP support, development of software systems to support information on processing, such as InfoSTREAMS. Reporting to the Information Management Services Manager are the Records and Support

Services Manager, Information Systems Development and Integration Manager, Computer Operations Manager and User Integration and Implementation Services Manager. The quality assurance responsibilities for the Information Management Services Manager are as follows:

- A. Receive and screen all QA records subject to the requirements of the QARD generated by the M&O in Vienna.
- B. Process and maintain all QA records subject to the requirements of the QARD submitted by the M&O in Vienna, the M&O in Charlotte and OCRWM Headquarters on behalf of OCRWM.
- C. Administer and manage a document control function to ensure control of all appropriate documents generated by the M&O in Vienna in compliance with the requirements of the QARD.
- D. Ensure that all Information Management Services work subject to the requirements of the QARD is in compliance with the QARD.

5.4.11.8 Project Engineer

The Project Engineer is a senior staff position reporting directly to the Assistant General Manager for Program Integration. This position is responsible for performing special assignments from the Assistant General Manager, Program Integration. The quality assurance responsibilities for the Project Engineer are as follows:

- A. Implement M&O QA policies and controls established by the M&O General Manager on assigned activities.
- B. Coordinate with the M&O QA Manager to ensure that the Project Engineer activities subject to QARD requirements are compliant with the QARD document.
- C. Participate in indoctrination, training, and certification training prior to performing activities subject to QARD requirements.
- D. Interface with OCRWM and through OCRWM with: the NRC; Federal regulatory agencies; nuclear power industry representatives; and interested states, local governments, Indian tribes, and the general public concerning M&O engineering requirements and issues as required.

- E. Coordinate with the M&O QA Manager in planning and implementing corrective actions.
- F. Coordinate with the M&O QA Manager in planning and implementing quality engineering, audits, and surveillance concerning Project Engineer activities.
- G. Ensure that development and maintenance of Project Engineer generated documents subject to QARD requirements are in compliance with the QARD document.

5.5 M&O INTERNAL INTERFACES

Internal interfaces between M&O offices involving work subject to the requirements of the QARD are identified in the respective QAPs and ILPs controlling the work. Each QAP and ILP identifies the personnel having quality assurance responsibilities in Section 4 of the procedures. In performing the work controlled by the QAP or ILP, the individuals listed in Section 4 interface and perform the necessary actions to carry out the task.

5.6 M&O/OCRWM INTERFACES

The key interfaces between the M&O and OCRWM are identified in Attachment III, M&O/OCRWM Organizational Interface Chart. Where activities are subject to the requirements of the QARD, the specific interfaces between the M&O and OCRWM needed to perform the assigned work are addressed in the respective QAPs or ILPs controlling the work.

5.7 EXTERNAL INTERFACES

In its role of assisting OCRWM in managing the CRWMS, the M&O interfaces externally with Program participants as directed in technical directives, technical direction letters, contractual documents, or memorandums of understanding. The following are Program participants with which the M&O interfaces and a brief description of their role in the Program:

5.7.1 Reynolds Electrical and Engineering Company, Inc. (REECO)

The M&O interfaces with REECO in the construction of ESF surface and subsurface facilities. REECO is responsible for construction activities in accordance with the drawings and specifications as issued by the M&O.

5.7.2 Raytheon Services Nevada (RSN)

The M&O interfaces with RSN in their support of MGDS design and design of surface based test facilities related to site characterization.

5.7.3 EG&G Energy Measurements, Inc.

The M&O interfaces with EG&G Energy Measurements on input and maintenance of the MGDS technical database.

5.7.4 U.S. Geological Survey (USGS)

The M&O interfaces with USGS on site characterization of geology, hydrology, tectonics, volcanism, seismicity, cartography, and geophysics for the MGDS as needed for M&O support of the YMSCO.

5.7.5 General Atomics (GA)

The M&O interfaces with GA on the design, construction of a prototype, and load testing of a legal weight truck cask system and in obtaining NRC certification for the system.

5.7.6 Oak Ridge National Laboratory (ORNL)

The M&O interfaces with ORNL on the development and maintenance of the spent nuclear fuel and high-level waste characteristics database and models in support of the OCRWM waste acceptance and transportation systems.

5.7.7 Sandia National Laboratory (SNL)

The M&O interfaces with SNL on thermal properties of the host rock, development of repository sealing performance requirements, materials evaluations, and the evaluation of regional and global climatology in support of MGDS development.

5.7.8 Lawrence Livermore National Laboratory (LLNL)

The M&O interfaces with LLNL on the characterization of the waste package environment, the scientific basis for container materials and waste forms, and the performance of waste package components and subsystems.

5.7.9 Los Alamos National Laboratory (LANL)

The M&O interfaces with LANL in coordination of ESF testing, nuclide migration studies, design of ESF data acquisition system, and on hydrologic research in support of MGDS development.

5.7.10 Lawrence Berkeley Laboratory (LBL)

The M&O interfaces with LBL on geological and hydrological studies and performance assessment modeling in support of MGDS development.

5.7.11 Pacific Northwest Laboratory (PNL)

The M&O interfaces with PNL on activated metals analysis and the development and use of data for use in the waste characteristics database in support of the OCRWM waste acceptance and transportation systems.

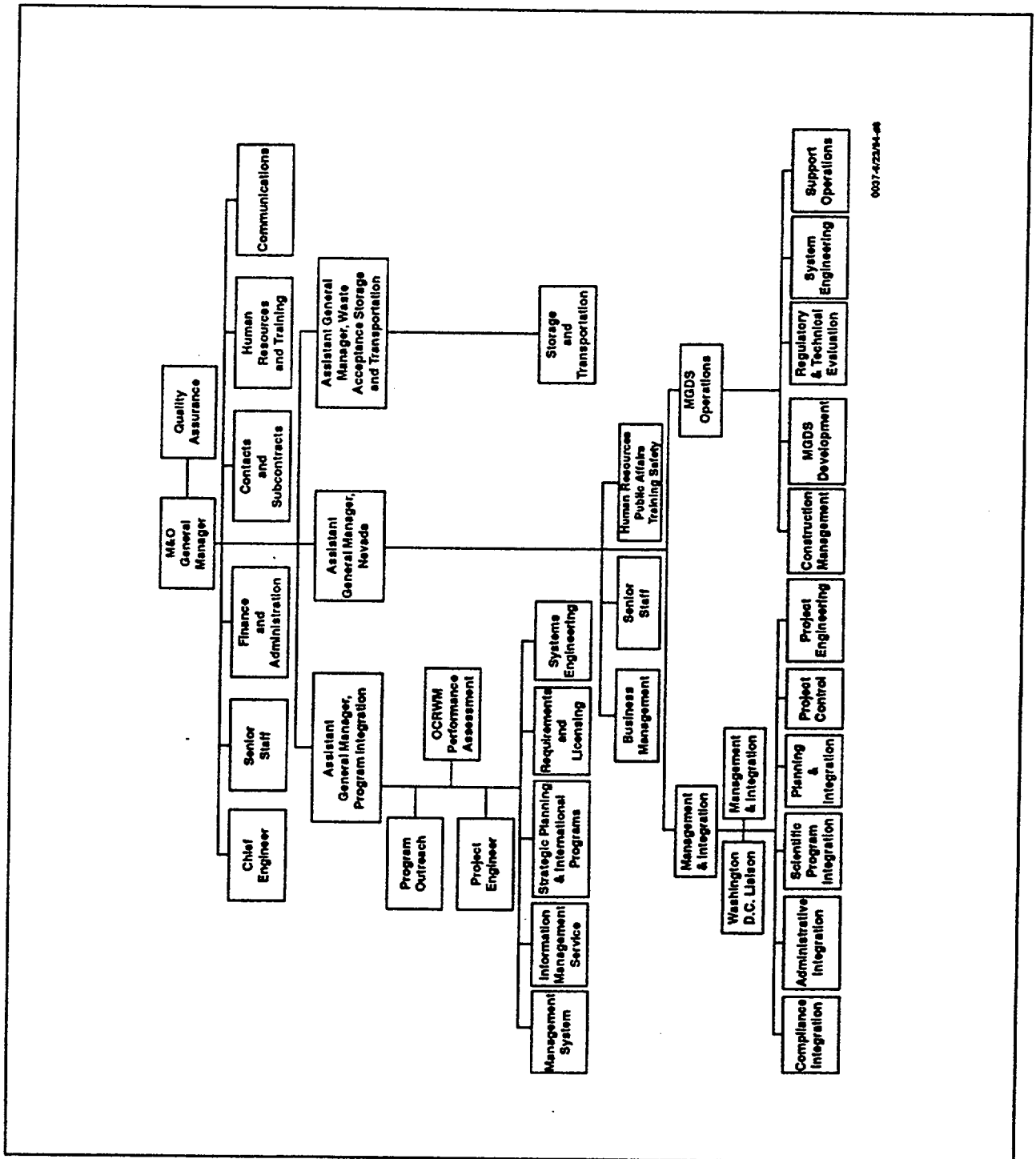
6. RECORDS

- 6.1** There are no Lifetime QA records associated with this procedure.
- 6.2** The following QA Records generated as a result of this procedure are designated Nonpermanent QA records and shall be processed in accordance with QAP-17-1:
 - A. Delegation Initiation Document
 - B. Delegation Termination Document.

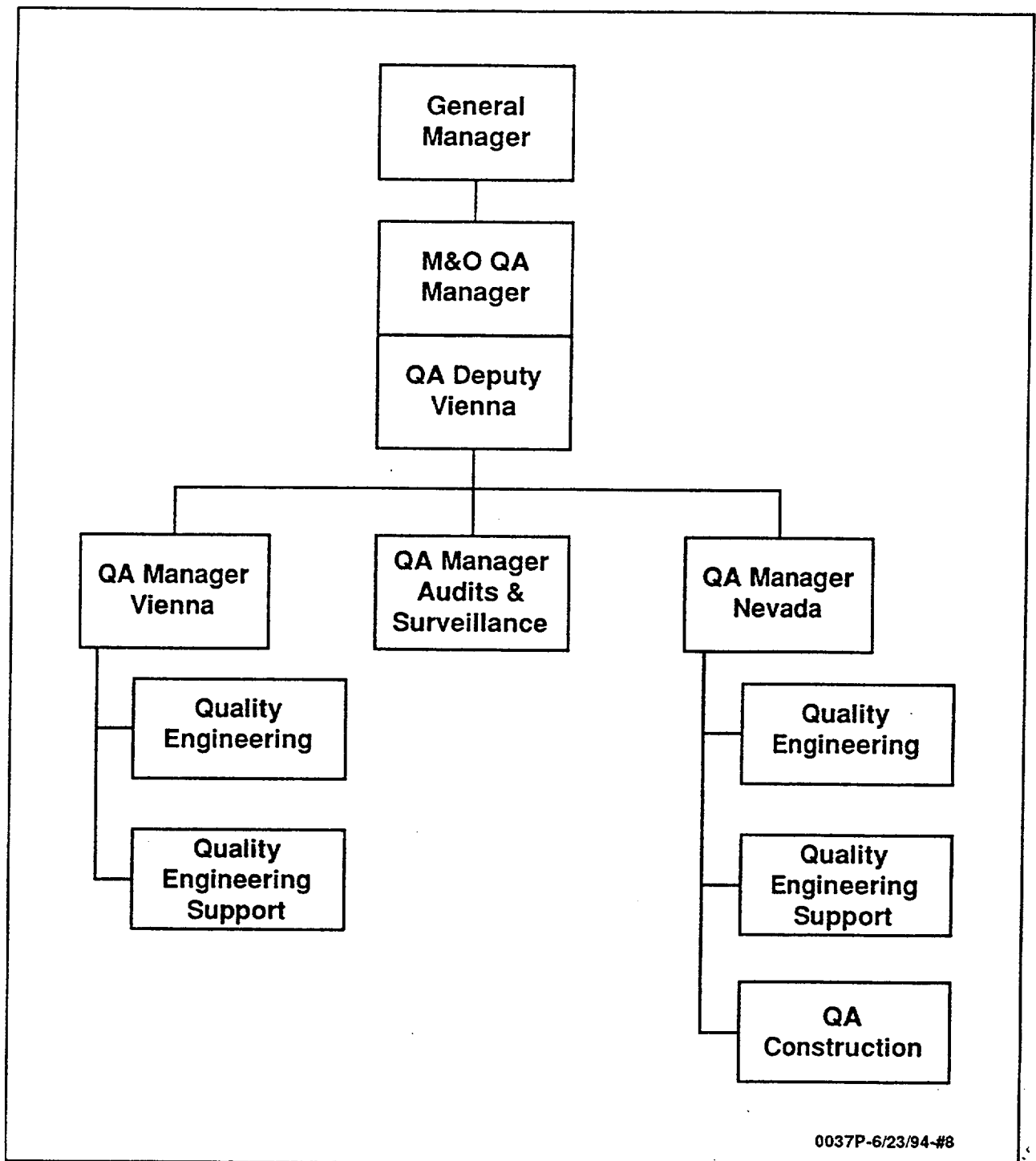
7. ATTACHMENTS

ATTACHMENT	TITLE
I	CRWMS M&O Organization Chart
II	M&O QA Organization Chart
III	M&O/OCRWM Organizational Interface Chart

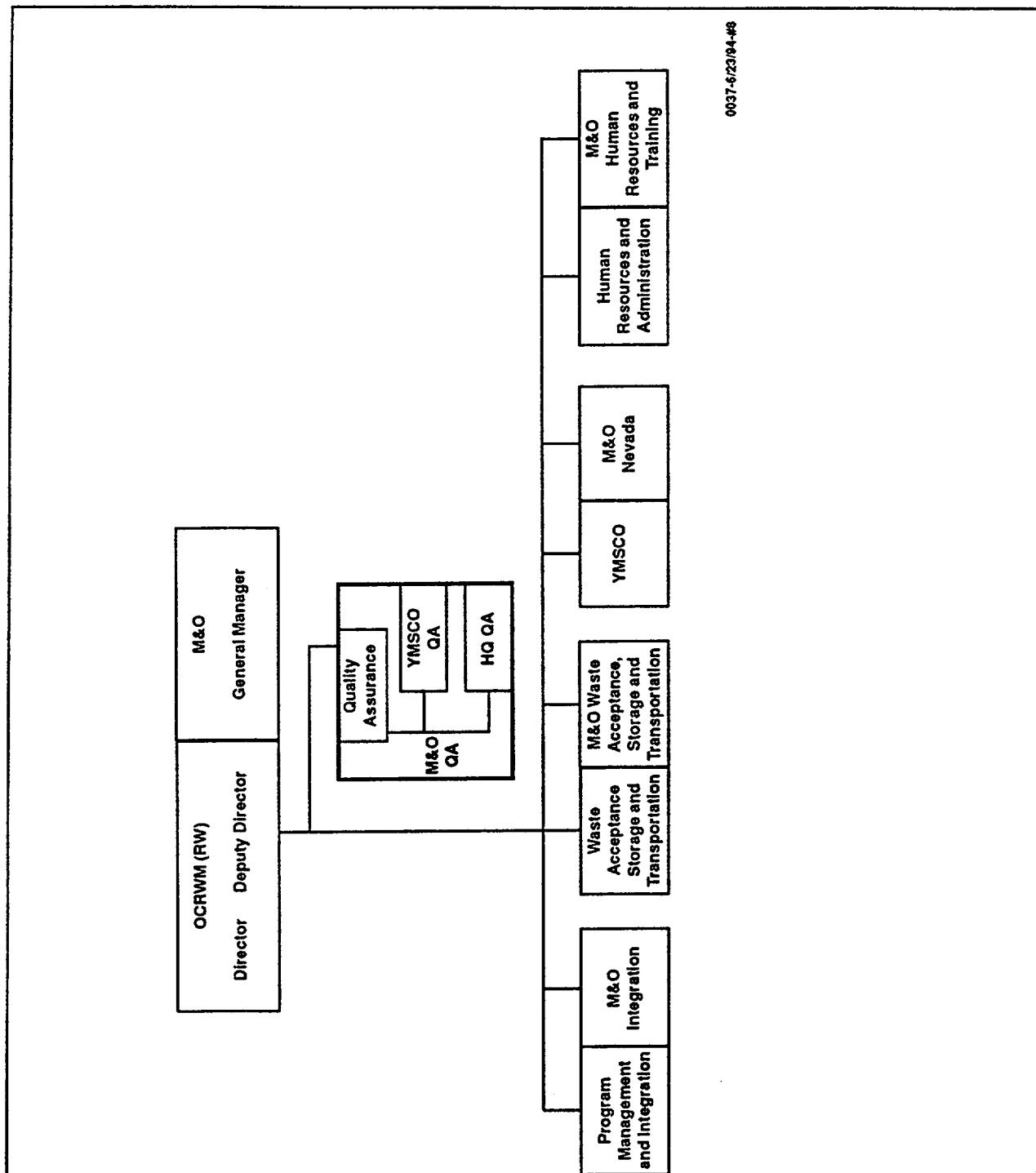
CRWMS M&O ORGANIZATIONAL CHART



M&O QA ORGANIZATION CHART



M&O/OCRWM ORGANIZATIONAL INTERFACE CHART



M&O OCRWM-accepted RTN Baseline as of 11/9/94

Justification Summary
(for requirements not implemented or exceptions taken)

QARD Section/Subsection

Justification for non-implementation

1.0

Subsection 1.3

This section describes the OCRWM organization, functions and responsibilities and does not provide requirements for the M&O.

2.0

2.2.2B.1

QARD Subsection 2.2.2. describes QA program documents as consisting of a policy statement, implementing documents, and a QARD requirements matrix. This arrangement implies that the policy statement is not an implementing document. Also the policy statement does not "prescribe an approved process for accomplishing work in compliance with QARD requirements" (QARD glossary) In addition, the QARD directs control of the QARD Requirements matrix according to section 6.0, however, no such direction is provided for the policy statement. Based on this, the M&O has made the interpretation that the policy statement is not an implementing document and does not need to be controlled as such. However, reference to the policy statement in the QARD Requirements matrix is appropriate since the matrix identifies "where the QARD requirements are addressed" (QARD 2.2.2C.1.a)

2.2.2.C.3

The QARD Requirements Matrix is prepared, reviewed, approved, and changed in accordance with the requirements of Section 6.0 as defined in QAP-5-1, Revision 3. However, since the matrix does not specify technical or quality requirements or prescribe work, they are not considered "controlled documents" and therefore do not receive controlled distribution.

2.2.3.E

The M&O scope of work does not include activities related to the high level waste form.

M&O OCRWM-accepted RTN Baseline as of 11/9/94

Justification Summary
(for requirements not implemented or exceptions taken)

<u>QARD Section/Subsection</u>	<u>Justification for non-implementation</u>
2.2.4	It is the M&O's position that the result of planning for work subject to the QARD is the development of the procedure whereby the work will be controlled.
2.2.9.E2 :2s	The QARD requires QA to review all changes to documents if they reviewed the previous version, regardless of whether they are affected by the change. In QAPs 5-1 and 5-2, QA reviews all changes, regardless of whether they are affected by the change. Since they are always involved in the review, the "regardless of whether they reviewed the previous version" clause does not apply.
2.2.12	M&O does not perform inspection, examination or testing. The qualification of audit personnel has been added to the RTN.
6.0 6.2.3 and 6.2.6	The Matrix traces for these QARD requirements only identify the paragraphs that provide reference to the review procedures. Refer to the matrix for QARD 2.2.9 for assurance that the review procedures meet QARD requirements.
6.2.6D :2s	The M&O QA program no longer allows interim changes; all changes are revisions and are accomplished by reissue of the entire document.
6.2.7(all)	The M&O QA program no longer allows expedited changes for QAPs and ILPs.
6.2.8	The M&O definition of editorial corrections also includes "other editorial corrections or clarifications of intent that do not alter the results or way in which a procedure is performed." These types of changes do not have an impact on the results or intent of the procedure, therefore, they are considered minor changes and are processed as editorial.

M&O OCRWM-accepted RTN Baseline as of 11/9/94

Justification Summary
(for requirements not implemented or exceptions taken)

QARD Section/Subsection

Justification for non-implementation

8.0

All Subsections

The M&O scope of work does not currently include Identification and Control of Items as defined in Section 8.

9.0

All Subsections

At present, the M&O scope of work does not include Control of Special Processes as defined in Section 9.

ASNT-SNT-TC-1A (Incorporated by reference)

All Subsections

At present, the M&O scope of work does not include requirements for qualification of non-destructive examination personnel.

10.0

All Subsections

At present, the M&O scope of work does not include Inspection as defined in Section 10.

11.0

All Subsections

At present, the M&O scope of work does not include testing of items as defined in this section.

13.0

All Subsections

At present, the M&O scope of work does not include handling, storage, and shipping of items as defined in this section.

14.0

All Subsections

At present, the M&O scope of work does not include Inspection, Test and Operating Status as defined in Section 14.

M&O OCRWM-accepted RTN Baseline as of 11/9/94

Justification Summary
(for requirements not implemented or exceptions taken)

QARD Section/Subsection

Justification for non-implementation

17.0

17.2.7.B

M&O procedures have begun to classify QA records as lifetime or nonpermanent. However, the retention of these records will still be considered "lifetime" in order to meet other (non-QA) records requirements.

17.2.8.C

The M&O does not implement this requirement since it is applicable to "OCRWM line organizations"

17.2.9

M&O procedures also allow the use of alternate single storage facilities for long term storage of records. Since the alternate single storage facilities meet the requirements of NQA-1, Supplement 17-S-1, 4.4.1, they are considered an acceptable alternative.

18.0

18.2.1

The M&O Lead Auditor certification program does not allow the use of "equivalent" verifications in lieu of audits.

18.2.21.C

M&O procedures allow requalification of Lead Auditors failing to maintain proficiency by retraining, re-examination, and participation as an auditor in at least one nuclear quality assurance audit. Since these requirements meet the NQA-1 2S-3 requirements, they are considered an acceptable alternative.

Supplement II
All Subsections

At present, the M&O scope of work does not include Sample Control as defined in this section.

Supplement III
III.2.1-III.2.5

At present, the M&O scope of work does not include Scientific Investigation, except for those activities associated with model validation.

M&O OCRWM-accepted RTN Baseline as of 11/9/94

Justification Summary
(for requirements not implemented or exceptions taken)

QARD Section/Subsection

Justification for non-implementation

Supplement IV
All Subsections

At present, the M&O scope of work does not include Field Surveying as defined in this section.

Appendix A
All Subsections

At present, the M&O scope of work does not include High Level Radioactive Waste Form Production as defined in this section.

Appendix B
All Subsections

The M&O QA Program is subject to the QARD and not to 10CFR71; therefore, this is not a requirement.

10CFR71 Subpart H (Incorporated by reference)
All Subsections

The M&O QA Program is subject to the QARD and not to 10CFR71; therefore, this is not a requirement.

Appendix C
C.2.1

At present, the M&O scope of work does not include Inspections of MGDS work products as defined in this section.

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Requirements Traceability Network
Requirements Matrix Report
Document owner, id: OQA, DOE/RW-0333P QARD
Revision & Change: 1

Version: 2.1
(rt007rpt)

Group Name:

Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
APPROVAL PAGE (NOT A REQUIREMENT)				
	M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
POLICY STATEMENT (NOT A REQUIREMENT)				
	M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
INTRODUCTION :1p2s (NOT A REQUIREMENT)				
	M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
INTRODUCTION :1p3s (NOT A REQUIREMENT)				
	M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
INTRODUCTION :5p (NOT A REQUIREMENT)				
	M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
FIG.ii-1 (NOT A REQUIREMENT)				
	M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
1.2	M&O implements by:	M&O QAP-1-0	02	(verified) 1.0 5.1.7 5.5 5.6 5.7
1.2.1	M&O implements by:	M&O QAP-1-0	02	(verified) 2.0 5.4
1.2.2 :1s	M&O implements by:	M&O QAP-1-0	02	(verified) 5.4.2
1.2.2 :2s	M&O implements by:	M&O QAP-1-0	02	(verified) 5.4.1.J

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Requirements Traceability Network
Requirements Matrix Report
Document owner, id: OQA, DOE/RW-0333P QARD
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Version: 2.1
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Group Name:

Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
	1.2.2 :3sA. M&O implements by:	M&O QAP-1-0	02	(verified) 5.4.1.J
	1.2.2 :3sB. M&O implements by:	M&O QAP-1-0	02	(verified) 5.4.1.K
	1.2.2 :3sC. M&O implements by:	M&O QAP-1-0	02	(verified) 5.4.1.K
	1.2.2 :3sD. M&O implements by:	M&O QAP-1-0	02	(verified) 5.4.2.B
	1.2.2 :3sE. M&O implements by:	M&O QAP-1-0	02	(verified) 5.4.1.L
	1.2.2 :3sF. M&O implements by:	M&O QAP-1-0	02	(verified) 5.4.2.E
	1.2.2 :3sG. M&O implements by:	M&O QAP-1-0	02	(verified) 5.4.2.B
	1.2.2 :3sH. M&O implements by:	M&O QAP-1-0 QAP-16-2	02 02	(verified) 5.4.2.J 5.1.2
	1.2.3 :1s M&O implements by:	M&O M&O QA POLICY STATEMENT QAP-1-0	0 02	(verified) Para. 5 5.1.5
	1.2.3 :2s M&O implements by:	M&O M&O QA POLICY STATEMENT QAP-1-0	0 02	(verified) Para. 5 5.1.5
	1.2.4 :1s M&O implements by:	M&O QAP-1-0	02	(verified) 5.2.1

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Group Name:

Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
	1.2.4 :2s M&O implements by:	M&O QAP-1-0	02	(verified) 5.2.1
	1.2.5 M&O implements by:	M&O QAP-1-0 QAP-1-1	02 2	(verified) 5.3 5.4.1.H 5.1
	1.3.1A. :1s (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	1.3.1A. :2s (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	1.3.1A. :3s (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	1.3.1A. :4s (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	1.3.1B. (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	1.3.1B.1. (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	1.3.1B.2. (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	1.3.2A. (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	1.3.2B.1. :1s (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A

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Group Name:

Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
	1.3.2B.1. :2s (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	1.3.2B.1. :3s (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	1.3.2B.2. (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	1.3.2C. :1s (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	1.3.2C. :2s (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	1.3.2D. (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	1.3.2E. :1s (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	1.3.2E. :2s (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	1.3.2F. :1s (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	1.3.2F. :2s (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	1.3.3A.1. :1s (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	1.3.3A.1. :2s (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A

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Group Name:

Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
	1.3.3A.1. :3s (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	1.3.3A.1.a. (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	1.3.3A.1.b. (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	1.3.3A.2. :1s (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	1.3.3A.2. :2s (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	1.3.3A.2. :3sa. (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	1.3.3A.2. :3sb. (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	1.3.3A.2. :3sc. (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	1.3.3B. :1s (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	1.3.3B. :2s (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	1.3.3B. :3s (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	1.3.3C. (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A

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Requirements Traceability Network
Requirements Matrix Report
Document owner, id: OQA, DOE/RW-0333P QARD
Revision & Change: 1

Version: 2.1
(rt007rpt)

Group Name:

Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
	1.3.3D. (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	2.2.1 (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	2.2.2A. M&O implements by:	M&O M&O QA POLICY STATEMENT	0	(verified) Para. 7
	2.2.2B. :1s M&O implements by:	M&O M&O QA POLICY STATEMENT QAP-5-1 QAP-5-2	0 03 01	(verified) Para. 3 3.4 5.6.1.m 3.2 3.5 5.6.1.k
	2.2.2B. :2s1. M&O implements by:	M&O M&O QA POLICY STATEMENT QAP-4-1 QAP-5-1 QAP-5-2	0 02 03 01	(verified) Para. 3 Para. 4 5.2.2 ATT I.B 3.4 3.2. :1s 3.2. :2s
	2.2.2B. :2s2. M&O implements by:	M&O M&O QA POLICY STATEMENT QAP-5-1 QAP-5-2	0 03 01	(verified) Para. 3 3.4 3.2. :1s 3.2. :2s
	2.2.2B. :2s3.1sthru2s M&O implements by:	M&O M&O QA POLICY STATEMENT QAP-4-1 QAP-5-1	0 02 03	(verified) Para. 7 5.2.2 ATT I.B 3.4

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Requirements Traceability Network
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(rt007rpt)

Group Name:

Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
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2.2.2B. :2s3.1sthru2s
M&O implements by:

M&O QAP-5-1

03

(verified)

5.1
5.2
5.3
5.4
5.5
5.6
5.7
5.8
3.2
3.5
5.1
5.2
5.3
5.4
5.5
5.6
5.7
5.8
3.2
3.12
3.17
3.18
5.2
5.3
5.4
5.5
5.6
5.7
5.8
5.9
5.10
5.11
5.12
5.13
5.14

QAP-5-2

01

QAP-7-1

02 P01

2.2.2B. :2s4.
M&O implements by:

M&O QAP-5-1

03

(verified)

QAP-5-2

01

3.4
5.7
3.2
3.5

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Requirements Traceability Network
Requirements Matrix Report
Document owner, id: OQA, DOE/RW-0333P QARD
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Version: 2.1
(rt007rpt)

Group Name:

Requirement status	Requirement id	Implementing document owner	document id	Rev & Chg/ Effective	Implementation status requirement
	2.2.2B. :2s4. M&O implements by:	M&O	QAP-5-2	01	(verified) 5.7
	2.2.2C. M&O implements by:	M&O	QAP-5-1	03	(verified) 3.3 5.3.2.d 5.3.2.e 5.4.2.b 5.4.2.c 5.6.2.a 5.6.2.b
			QAP-5-2	01	3.6 5.3.2.d 5.3.2.e 5.4.2.b 5.4.2.c 5.5.5.b 5.6.2.a 5.6.2.b
	2.2.2C.1.a. M&O implements by:	M&O	QAP-5-1	03	(verified) 3.3 5.3.2.d 5.4.2.b 5.5.5.b
			QAP-5-2	01	3.6 5.3.2.d 5.4.2.b 5.5.5.b
	2.2.2C.1.b. M&O implements by:	M&O	QAP-5-1	03	(verified) 3.3 5.3.2.e 5.4.2.c 5.5.5.b
			QAP-5-2	01	3.6 5.3.2.e 5.4.2.c 5.5.5.b
	2.2.2C.1.c. M&O implements by:	M&O	QAP-5-1	03	(verified) 3.3

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Requirements Traceability Network
Requirements Matrix Report
Document owner, id: OQA, DOE/RW-0333P QARD
Revision & Change: 1

Version: 2.1
(rt007rpt)

Group Name:

Requirement status	Requirement id	Implementing document owner	document id	Rev & Chg/ Effective	Implementation status requirement
	2.2.2C.1.c.				
	M&O implements by:	M&O	QAP-5-1	03	(verified) 5.3.2.e 5.4.2.c 5.5.5.b
			QAP-5-2	01	3.6 5.3.2.e 5.4.2.c 5.5.5.b
	2.2.2C.2.				
	M&O implements by:	M&O	QAP-5-1	03	(verified) 5.6.2.b
			QAP-5-2	01	5.6.2.b
	2.2.2C.3. :1s				
	M&O implements by:	M&O	QAP-5-1	03	(verified) 5.3.2.d 5.3.2.e 5.4.2.b 5.4.2.c 5.5.1.f 5.5.3.e 5.5.5.b 5.6.1.b 5.6.2.a 5.6.2.b
			QAP-5-2	01	5.3.2.d 5.3.2.e 5.4.2.b 5.4.2.c 5.5.1.f 5.5.3.e 5.5.5.b 5.6.1.b 5.6.2.a 5.6.2.b
	2.2.2C.3. :2s				
	M&O implements by:	M&O	QAP-5-1	03	(verified) 5.3.2.d 5.3.2.e 5.4.2.b 5.4.2.c

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Requirements Traceability Network
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Document owner, id: OQA, DOE/RW-0333P QARD
Revision & Change: 1

Version: 2.1
(rt007rpt)

Group Name:

Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
	2.2.2C.3. :2s M&O implements by:	M&O QAP-5-1 QAP-5-2	03 01	(verified) 5.6.2.b 5.3.2.d 5.3.2.e 5.4.2.b 5.4.2.c 5.6.2.b
	2.2.2D. :1s M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.6.8.A 5.6.8.B 5.6.9
	2.2.2D. :2s M&O implements by:	M&O QAP-4-1	02 P02	(verified) 5.2.2 ATT I.B
	2.2.3A. M&O implements by:	M&O NLP-2-0 NLP-3-17 QAP-2-3	00 01 06 P02	(verified) 5.1 ATT I ATT II ATT IV 3.1.3 1.0 3.3 3.10 5.1.1 5.1.2 5.1.3 5.2 5.2.1 5.2.2 ATT I ATT II ATT III ATT IV
	2.2.3A.1. M&O implements by:	M&O NLP-2-0	00	(verified) 5.1

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Requirements Traceability Network
Requirements Matrix Report
Document owner, id: OQA, DOE/RW-0333P QARD
Revision & Change: 1

Version: 2.1
(rt007rpt)

Group Name:

Requirement status	Requirement id	Implementing document owner	document id	Rev & Chg/ Effective	Implementation status	requirement
	2.2.3A.1.					(verified)
	M&O implements by:	M&O	NLP-2-0	00		ATT I
						ATT II
						ATT IV
			NLP-3-10	03		ATT I
			QAP-2-3	06	P02	3.3
						3.3-A.
						3.3-B.
						3.3-C.
						5.2
						ATT I
						ATT II
						ATT III
						ATT IV
	2.2.3A.2.					(verified)
	M&O implements by:	M&O	NLP-2-0	00		5.1
						ATT I
						ATT II
						ATT IV
			QAP-2-3	06	P02	3.3-CL2
						5.2
						ATT I
						ATT IV
	2.2.3A.3.					(verified)
	M&O implements by:	M&O	NLP-2-0	00		5.1
						ATT I
						ATT II
						ATT IV
			QAP-2-3	06	P02	3.3-CL3
						5.2
						ATT I
						ATT II
						ATT IV
	2.2.3A.4.					(verified)
	M&O implements by:	M&O	NLP-2-0	00		5.1
						ATT I
						ATT II

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	2.2.3A.4. M&O implements by:	M&O	NLP-2-0 QAP-2-3	00 06 P02		(verified) ATT IV 3.3-CL4 5.2 ATT I ATT II ATT IV
	2.2.3A.5. M&O implements by:	M&O	NLP-2-0 QAP-2-3	00 06 P02		(verified) 5.1 ATT I ATT II ATT IV 3.3-CL5 5.2 ATT I ATT II ATT IV
	2.2.3A.6. M&O implements by:	M&O	NLP-2-0 QAP-2-3	00 06 P02		(verified) 5.1 ATT I ATT II ATT IV 3.3-CL6 5.2 ATT I ATT II ATT III ATT IV
	2.2.3A.7. M&O implements by:	M&O	NLP-2-0 QAP-2-3	00 06 P02		(verified) 5.1 ATT I ATT II ATT IV 3.3-CL2 5.2 ATT I ATT III

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	2.2.3B. M&O implements by:	M&O QAP-2-0	01 P01	(verified) 5.2.2.H 5.2.2.J
	2.2.3C. :1s M&O implements by:	M&O NLP-2-0	00	(verified) 5.1 ATT I ATT II ATT IV
		NLP-3-10 QAP-2-0	03 01 P01	ATT I 5.1.3 5.2.1 5.2.2
	2.2.3C. :2s M&O implements by:	M&O NLP-2-0 NLP-3-10 QAP-2-0	00 03 01 P01	(verified) ATT I ATT I 5.4.2
	2.2.3D. M&O implements by:	M&O NLP-2-0 QAP-2-0	00 01 P01	(verified) 5.1.4D ATT I 5.2.2.E
	2.2.3E. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	2.2.3F.1. M&O implements by:	M&O NLP-2-0 QAP-2-0	00 01 P01	(verified) ATT I 5.4.1 5.4.5.A
	2.2.3F.2. M&O implements by:	M&O NLP-2-0 QAP-2-0	00 01 P01	(verified) ATT I 5.4.1 5.4.5.B
	2.2.3F.3. M&O implements by:	M&O NLP-2-0	00	(verified) ATT I

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	2.2.3F.3. M&O implements by:	M&O QAP-2-0	01 P01	(verified) 5.4.1 5.4.5.D
	2.2.3F.4. M&O implements by:	M&O NLP-2-0 QAP-2-0	00 01 P01	(verified) ATT I 5.4.1 5.4.5.C
	2.2.3F.5. M&O implements by:	M&O NLP-2-0 QAP-2-0	00 01 P01	(verified) ATT I 5.4.1 5.4.5.E
	2.2.3F.6. M&O implements by:	M&O NLP-2-0 QAP-2-0	00 01 P01	(verified) ATT I 5.4.1 5.4.5.F
	2.2.3F.7. M&O implements by:	M&O NLP-2-0 QAP-2-0	00 01 P01	(verified) ATT I 5.4.1 5.4.5.G
	2.2.3F.8. M&O implements by:	M&O NLP-2-0 QAP-2-0	00 01 P01	(verified) ATT I 5.4.1 5.4.5.H
	2.2.3F.9. M&O implements by:	M&O NLP-2-0 QAP-2-0	00 01 P01	(verified) ATT I 5.4.1 5.4.5.I
	2.2.3F.10. M&O implements by:	M&O NLP-2-0	00	(verified) ATT I

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	2.2.3F.10. M&O implements by:	M&O QAP-2-0	01 P01	(verified) 5.4.1 5.4.5.J
	2.2.4 :1s M&O implements by:	M&O QAP-2-0 QAP-3-5 QAP-5-1	01 P01 05 P01 03	(verified) 5.4 5.1 5.2.B ATT I.V ATT IV :1s
	2.2.4 :2sA. M&O implements by:	M&O QAP-2-0 QAP-3-5 QAP-3-9 QAP-5-1	01 P01 05 P01 04 03	(verified) 5.3.1.D 5.3.1.A 5.4.6.C 5.2.C.2 ATT I.I ATT I.1 ATT IV.1 ATT IV.2
	2.2.4 :2sB. M&O implements by:	M&O QAP-2-0 QAP-3-5 QAP-3-9 QAP-5-1	01 P01 05 P01 04 03	(verified) 5.3.1.D 5.4.6.C 5.2.C.7 ATT I.IV :1s ATT I.3 ATT IV.5 :3p
	2.2.4 :2sC. M&O implements by:	M&O QAP-2-0 QAP-3-5 QAP-3-9 QAP-5-1	01 P01 05 P01 04 03	(verified) 5.3.1.D 5.4.6.C 5.2.C.6 ATT I.4 ATT I.6 ATT IV.5 :3p ATT IV.5 :4p
	2.2.4 :2sD. M&O implements by:	M&O QAP-2-0	01 P01	(verified) 5.3.1.D

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	2.2.4 :2sD. M&O implements by:	M&O	QAP-2-0 QAP-3-5	01 05	P01 P01	(verified) 5.4.6.C 5.2.C.8 ATT I.IV :2sA
	2.2.4 :2sE. M&O implements by:	M&O	QAP-2-0 QAP-3-5 QAP-5-1	01 05 03	P01 P01	(verified) 5.3.1.D 5.4.6.C 5.2.C.7 ATT IV.5 :3p
	2.2.4 :2sF. M&O implements by:	M&O	QAP-2-0 QAP-3-5 QAP-3-9 QAP-5-1	01 05 04 03	P01 P01	(verified) 5.3.1.D 5.4.6.C 5.2.C.9 5.2.C.12 6.0 ATT IV.5 :3p ATT IV.6
	2.2.4 :2sG. M&O implements by:	M&O	QAP-2-0 QAP-3-5 QAP-3-9 QAP-5-1	01 05 04 03	P01 P01	(verified) 5.3.1.D 5.4.6.C 5.2.C.10 ATT I.VIII :1s ATT I.2 1.0 ATT IV.5 :3p
	2.2.4 :2sH. M&O implements by:	M&O	QAP-2-0 QAP-2-2 QAP-3-5 QAP-5-1	01 02 05 03	P01 P03 P01	(verified) 5.3.1.D 5.4.6.C 5.1.2 5.2.C.3 ATT IV.5 :3p
	2.2.4 :2sI. M&O implements by:	M&O	QAP-2-0	01	P01	(verified) 5.3.1.D

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	2.2.4 :2sI. M&O implements by:	M&O QAP-2-0 QAP-3-5 QAP-3-9 QAP-5-1	01 P01 05 P01 04 03	(verified) 5.4.6.C 5.2.C.11 ATT I.VIII :2s ATT I.9 ATT IV.5 :3p
	2.2.5 :1s M&O implements by:	M&O NLP-2-3 QAP-2-5	0 03 P01	(verified) 5.2 5.2
	2.2.5 :2sA. M&O implements by:	M&O NLP-2-3 QAP-2-5	0 03 P01	(verified) 5.2.2 5.2.3 5.2
	2.2.5 :2sB. M&O implements by:	M&O NLP-2-3 QAP-2-5	0 03 P01	(verified) 5.1.1 5.1
	2.2.5 :2sC. M&O implements by:	M&O NLP-2-3 QAP-2-5	0 03 P01	(verified) 5.2.9 5.5.3
	2.2.6 M&O implements by:	M&O QAP-2-7	1	(verified) 5.1.1.A
	2.2.6A. M&O implements by:	M&O QAP-2-7	1	(verified) 5.1.1.A 5.1.2.A 5.3.1
	2.2.6B.1. M&O implements by:	M&O QAP-2-7	1	(verified) 5.1.4.E.1
	2.2.6B.2. M&O implements by:	M&O QAP-2-7	1	(verified) 5.1.4.E.2

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	2.2.6B.3. M&O implements by:	M&O	QAP-2-7	1	(verified) 5.1.4.E.3
	2.2.6B.4. M&O implements by:	M&O	QAP-2-7	1	(verified) 5.1.4.E.4
	2.2.6B.5. M&O implements by:	M&O	QAP-2-7	1	(verified) 5.1.4.E.5
	2.2.7 :1s M&O implements by:	M&O	QAP-2-6	3 P01	(verified) 2.0 5.1.1 5.1.4
	2.2.7 :2sA. M&O implements by:	M&O	QAP-2-6	3 P01	(verified) 3.1.1 5.1.4C.1 5.1.7 5.2.1A. 5.2.1C.
	2.2.7 :2sB. M&O implements by:	M&O	QAP-2-6	3 P01	(verified) 3.1.1 5.1.4C.2 5.1.7 5.2.1A. 5.2.1C.
	2.2.7 :2sC. M&O implements by:	M&O	QAP-2-6	3 P01	(verified) 3.1.1 5.1.4C.3 5.1.7 5.2.1A. 5.2.1C.
	2.2.8A. :1p M&O implements by:	M&O	QAP-3-3	03	(verified) 2.0

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Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
	2.2.8A. :2p1. M&O implements by:	M&O QAP-3-3	03	(verified) 5.1.1
	2.2.8A. :2p2. M&O implements by:	M&O QAP-3-3	03	(verified) 5.1.2
	2.2.8A. :2p3. M&O implements by:	M&O QAP-3-3	03	(verified) 5.1.3
	2.2.8A. :2p4. M&O implements by:	M&O QAP-3-3	03	(verified) 5.1.4
	2.2.8A. :2p5. M&O implements by:	M&O QAP-3-3	03	(verified) 5.1.5
	2.2.8A. :2p6. M&O implements by:	M&O QAP-3-3	03	(verified) 5.1.6
	2.2.8A. :2p7. M&O implements by:	M&O QAP-3-3	03	(verified) 5.1.7
	2.2.8B. M&O implements by:	M&O QAP-3-3	03	(verified) 5.1.8
	2.2.8C.1. M&O implements by:	M&O QAP-3-3	03	(verified) 5.2.7A 5.2.7B 5.2.7C 5.2.7D 5.2.7E
	2.2.8C.2. M&O implements by:	M&O QAP-3-3	03	(verified) 5.2.5
	2.2.8C.3. M&O implements by:	M&O QAP-3-3	03	(verified) 5.2.5

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	2.2.8C.4. M&O implements by:	M&O	QAP-3-3	03	(verified) 5.2.5
	2.2.8C.5. M&O implements by:	M&O	QAP-3-3	03	(verified) 5.2.1
	2.2.8D.1. M&O implements by:	M&O	QAP-3-3	03	(verified) 5.2.5
	2.2.8D.2. M&O implements by:	M&O	QAP-3-3	03	(verified) 5.2.5
	2.2.8D.3. :1sthru2s M&O implements by:	M&O	QAP-3-3	03	(verified) 5.2.6
	2.2.8D.3.NOTE: M&O implements by:	M&O	QAP-3-3	03	(verified) 5.2.6
	2.2.8E.1. M&O implements by:	M&O	QAP-3-3	03	(verified) 5.2.2
	2.2.8E.2. M&O implements by:	M&O	QAP-3-3	03	(verified) 5.2.2
	2.2.8E.3. M&O implements by:	M&O	QAP-3-3	03	(verified) 5.2.2
	2.2.8E.4.a. M&O implements by:	M&O	QAP-3-3	03	(verified) 5.2.3A
	2.2.8E.4.b. M&O implements by:	M&O	QAP-3-3	03	(verified) 5.2.3B
	2.2.8E.4.c. M&O implements by:	M&O	QAP-3-3	03	(verified) 5.2.3D

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	2.2.8E.4.d. M&O implements by:	M&O	QAP-3-3	03	(verified) 5.2.3C
	2.2.8E.4.e. M&O implements by:	M&O	QAP-3-3	03	(verified) 5.2.3E
	2.2.8E.4.f. M&O implements by:	M&O	QAP-3-3	03	(verified) 5.2.3F
	2.2.8E.4.g. M&O implements by:	M&O	QAP-3-3	03	(verified) 5.2.3G
	2.2.8E.4.h. M&O implements by:	M&O	QAP-3-3	03	(verified) 5.2.3H
	2.2.8F.1. M&O implements by:	M&O	QAP-3-3	03	(verified) 5.3.5
	2.2.8F.2. M&O implements by:	M&O	QAP-3-3	03	(verified) 5.3.4A 5.3.4B
	2.2.8F.3. M&O implements by:	M&O	QAP-3-3	03	(verified) 5.3.4D
	2.2.8F.4. M&O implements by:	M&O	QAP-3-3	03	(verified) 5.3.4E
	2.2.9 M&O implements by:	M&O	NLP-3-13 QAP-3-1	1 05	(verified) 5.1.4 5.1 5.2 5.3 5.4

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2.2.9

M&O implements by:

M&O	QAP-3-10	04		(verified) 5.2 5.3
	QAP-3-5	05	P01	5.3.2
	QAP-4-1	02	P02	5.1.3
	QAP-5-1	03		5.5
	QAP-5-2	01		5.5

2.2.9A. :1s

M&O implements by:

M&O	NLP-3-13	1		(verified) 5.1.4
	NLP-3-16	00	P03	5.2.1
	NLP-3-17	01		ATT II
	NLP-3-20	0	P02	5.5.5 5.2 5.3
	QAP-3-1	05		ATT IV ATT V 5.2.6.B 5.3.1.A ATT V ATT VI
	QAP-3-10	04		5.2.4 5.3.3
	QAP-3-5	05	P01	5.3.2.B ATT I.V
	QAP-3-8	04		5.2.4
	QAP-3-9	04		5.2.4 5.3.3
	QAP-4-1	02	P02	5.1.3.A
	QAP-5-1	03		5.5.1.c
	QAP-5-2	01		5.5.1.c.1 5.5.1.c.2 5.5.1.c.3 5.5.1.c.4 5.5.1.c.5 5.5.1.c

2.2.9A. :2s

M&O implements by:

M&O	NLP-3-13	1		(verified) 5.1.4
	NLP-3-16	00	P03	ATT II
	NLP-3-17	01		5.5.5

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2.2.9A. :2s					
M&O implements by:					
	M&O	NLP-3-20		0 P02	(verified) ATT IV
		QAP-3-1		05	ATT V 5.1.2.A 5.2.6.B ATT IX ATT X
		QAP-3-10		04	5.2.4 5.3.3
		QAP-3-5		05 P01	5.3.2.B ATT I.V
		QAP-3-8		04	5.2.4 ATT I
		QAP-3-9		04	5.2.4 5.3.3
		QAP-4-1		02 P02	5.1.3.A
		QAP-5-1		03	ATT V.G-4 ATT V.G-9 ATT V.Q-1 ATT V.Q-8 ATT V.Q-9 ATT V.T-1 ATT V.T-5
		QAP-5-2		01	5.5.1.c
2.2.9B.					
M&O implements by:					
	M&O	QAP-3-1		05	(verified) 5.2.11
		QAP-3-10		04	5.2.5.D
		QAP-3-5		05 P01	ATT I.III
		QAP-4-1		02 P02	5.1.3.D
		QAP-5-1		03	5.5.1.e
		QAP-5-2		01	5.5.1.e
2.2.9C.					
M&O implements by:					
	M&O	NLP-3-13		1	(verified) 5.1.4
		NLP-3-16		00 P03	5.2.1
		NLP-3-17		01	5.5.2
		QAP-3-1		05	5.2.4 ATT V
		QAP-3-10		04	5.2
		QAP-3-5		05 P01	5.3.2.A

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2.2.9C.

M&O implements by:

M&O	QAP-3-8	04		(verified)
	QAP-3-9	04		5.2.4
	QAP-4-1	02	P02	5.2
	QAP-5-1	03		5.1.3.B
	QAP-5-2	01		5.5.1.b
				5.5.1.b.1

2.2.9D.

M&O implements by:

M&O	NLP-3-17	01		(verified)
	QAP-3-1	05		5.4.3.1
	QAP-3-10	04		5.2.2.A
				5.2
	QAP-3-5	05	P01	5.3
	QAP-3-8	04		5.3.2.A
	QAP-3-9	04		5.2.4
	QAP-4-1	02	P02	5.2
	QAP-5-1	03		5.1.3.C
				3.6
				5.5.1.a
				5.5.1.b
	QAP-5-2	01		5.5.1.a
				5.5.1.b
				5.5.1.b.1
				5.5.1.b.2
				5.5.1.b.3

2.2.9E.

M&O implements by:

M&O	NLP-3-13	1		(verified)
	QAP-3-1	05		5.1.4
				5.1.1.A
				ATT IX
				ATT X
	QAP-3-10	04		5.2.4.A
	QAP-3-5	05	P01	5.3.2.B
	QAP-3-8	04		5.2.4
	QAP-3-9	04		5.2.4
	QAP-4-1	02	P02	5.1.3.E
	QAP-5-1	03		5.5.1.c
	QAP-5-2	01		5.5.1.c

2.2.9E.1. :1s

M&O implements by:

M&O	NLP-3-13	1		(verified)
				5.1.4

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Revision & Change: 1

Version: 2.1
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2.2.9E.1. :1s
M&O implements by:

M&O	NLP-3-17	01		(verified) 5.5(NOTE) 5.5.3 5.6.4
	QAP-3-1	05		5.2.4 5.3.1.A ATT III ATT IV
	QAP-3-10	04		5.3.3.A
	QAP-3-5	05	P01	5.3.1 5.3.2.D
	QAP-3-8	04		5.3 5.4
	QAP-3-9	04		5.3.1 5.4.1
	QAP-4-1	02	P02	5.1.3.B
	QAP-5-1	03		3.6 5.5.1.a 5.5.1.b 5.5.2.a
	QAP-5-2	01		5.5.1.a 5.5.1.b 5.5.2.b

2.2.9E.1. :2s
M&O implements by:

M&O	NLP-3-13	1		(verified) 5.1.4
	QAP-3-1	05		5.2.4 ATT III ATT IV
	QAP-3-10	04		5.11.1
	QAP-3-5	05	P01	5.5.1
	QAP-3-8	04		5.11
	QAP-3-9	04		5.9
	QAP-4-1	02	P02	5.1.3.E 5.1.4
	QAP-5-1	03		3.6 5.5.1.a 5.5.1.b 5.5.2.a
	QAP-5-2	01		5.5.1.a 5.5.1.b 5.5.2.b

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	2.2.9E.2. :1s			(verified)
	M&O implements by:	M&O QAP-3-1	05	5.2.4
				ATT III
		QAP-3-10	04	ATT IV
		QAP-3-5	05 P01	5.7
		QAP-3-8	04	5.3.2.D
		QAP-5-1	03	5.7
				3.6
				5.5.1.a
				5.5.1.b
		QAP-5-2	01	5.5.2.a
				5.5.1.a
				5.5.1.b
				5.5.2.b
	2.2.9E.2. :2s			(verified)
	M&O implements by:	M&O QAP-3-1	05	5.2.4
				ATT III
		QAP-3-10	04	ATT IV
		QAP-3-5	05 P01	5.11.1
		QAP-3-8	04	5.5.1
		QAP-4-1	02 P02	5.11
				5.1.3.B
		QAP-5-1	03	5.1.4
				3.6
				5.5.1.a
				5.5.1.b
		QAP-5-2	01	5.5.2.a
				5.5.1.a
				5.5.1.b
				5.5.2.b
	2.2.9F.			(verified)
	M&O implements by:	M&O NLP-3-16	00 P03	5.2.2
		NLP-3-17	01	5.5.6
		NLP-3-19	00	5.1
				5.2
				5.3
				5.4
		NLP-3-20	0 P02	5.5
		QAP-3-1	05	5.4.1.B

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2.2.9F.

M&O implements by:

M&O	QAP-3-1	05		(verified) 5.4.3.A 5.4.3.E 5.4.3.F 6.2 5.2 5.3
	QAP-3-10	04		5.3.2.E 5.2.6 5.3.5 5.6.1 5.2.5 5.3.5
	QAP-3-5	05	P01	5.1.3.F 5.4.6.A 5.5.3 5.5.8 5.5.13 5.5.2.b 5.5.3.b 5.5.3.c 5.5.4.b 5.5.6.a 5.6.1.a 5.6.1.g 5.6.1.h
	QAP-3-8	04		5.5.2.c 5.5.3.b 5.5.4.b 5.5.6.a 5.6.1.a 5.6.1.g 5.6.1.h
	QAP-3-9	04		
	QAP-4-1	02	P02	
	QAP-5-1	03		
	QAP-5-2	01		

2.2.10A.

M&O implements by:

M&O	QAP-2-4	04		(verified) 5.1
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2.2.10B.

M&O implements by:

M&O	QAP-2-4	04		(verified) 5.1.3.1.C
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2.2.11 :1s

M&O implements by:

M&O	QAP-2-1	04	P05	(verified) 5.1.1
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	2.2.11 :1s M&O implements by:	M&O QAP-2-1	04 P05	(verified) 5.1.2 5.2.1 5.2.2 5.2.3 5.2.4 5.2.5 5.3.1 5.3.2 5.4.1 5.4.2 5.4.3 5.5.1
		QAP-2-2	02 P03	5.1.1 5.1.2 5.1.3 5.1.4 5.1.5 5.1.6 5.2 5.2.1 5.2.2 5.2.3 5.2.4 5.3.1 5.3.2 5.3.3 5.3.4 5.3.5
		QAP-3-1	05	5.1.7 5.2.9.A ATT V
	2.2.11 :2sA. M&O implements by:	M&O QAP-2-2	02 P03	(verified) 5.1.1 5.1.2 5.1.3
	2.2.11 :2sB. M&O implements by:	M&O QAP-2-2	02 P03	(verified) 5.1.1 5.1.2

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Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
	2.2.11 :2sB. M&O implements by:	M&O QAP-2-2	02 P03	(verified) 5.1.3
	2.2.11 :2sC. M&O implements by:	M&O QAP-2-1	04 P05	(verified) 5.2.1 5.2.2 5.4.3
		QAP-2-2	02 P03	5.1.4
		QAP-2-9	01 P03	5.2.1
	2.2.11 :2sD. M&O implements by:	M&O QAP-2-2	02 P03	(verified) 5.1.2 ATT I
	2.2.11 :2sE. M&O implements by:	M&O QAP-2-1	04 P05	(verified) 5.2.1 5.2.2 5.2.3 5.2.4 5.3.1 5.3.2 5.4.1 5.4.3
		QAP-2-2	02 P03	5.2.1 5.3.1 5.3.2 ATT I ATT III ATT V
		QAP-2-9	01 P03	5.2.1
	2.2.11 :2sF. M&O implements by:	M&O QAP-2-2	02 P03	(verified) 5.1.5 5.2.1 5.2.3 5.3.1 5.3.2 5.3.4 ATT I

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Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
	2.2.11 :2sF. M&O implements by:	M&O QAP-2-2	02 P03	(verified) ATT III ATT V
	2.2.11 :2sG. M&O implements by:	M&O QAP-2-1	04 P05	(verified) 5.2.1
		QAP-2-2	02 P03	5.2.2
		QAP-2-9	01 P03	5.1.1 5.1.4 5.2.1 5.2.2
	2.2.11 :2sH. M&O implements by:	M&O QAP-2-1	04 P05	(verified) 5.3.2 5.4.1
	2.2.11 :2sI. M&O implements by:	M&O QAP-2-1	04 P05	(verified) 5.2.5 5.4.1 6.1 6.4 6.2 6.3 ATT I ATT II ATT III
		QAP-2-2	02 P03	5.1.6 5.2.2 5.3.3 6.1 6.2 6.3 6.4 ATT I ATT III ATT V
		QAP-2-9	01 P03	5.5.3 5.6.3 6.0 6.1

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	2.2.11 :2sI. M&O implements by:	M&O QAP-2-9	01 P03	(verified) 6.2 6.3 6.4 6.5 ATT I ATT III
	2.2.11 :2sJ.1. M&O implements by:	M&O QAP-2-1	04 P05	(verified) 5.2.1 5.2.2 5.2.3 5.2.4 5.2.5 5.3.1
	2.2.11 :2sJ.2. M&O implements by:	M&O QAP-2-1	04 P05	(verified) 5.2.1 5.2.2 5.2.3 5.2.4 5.2.5
	2.2.11 :2sJ.3. M&O implements by:	M&O QAP-2-2	02 P03	(verified) 5.1.4 ATT I.11 ATT II.11
	2.2.12 M&O implements by:	M&O QAP-18-1	02 P02	(verified) 5.1.1 5.2.1.A 5.2.1.E
	3.2.1A. M&O implements by:	M&O NLP-2-0	00	(verified) 5.1 ATT I.4 ATT II ATT IV

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3.2.1A.

M&O implements by:

M&O	NLP-3-16	00	P03	(verified) 5.1.2 ATT I
	NLP-3-17	01		5.1.4 ATT III.2
	NLP-3-18	01	P03	5.1.1 5.1.2
	NLP-3-20	0	P02	5.1 5.2 5.5
	NLP-3-24	1		5.1 5.2 5.3
	QAP-2-3	06	P02	5.1.3
	QAP-3-0	02	P01	5.2.1 5.2.2
	QAP-3-10	04		5.1.3.D 5.6
	QAP-3-5	05	P01	5.1 5.2.C.3 ATT I.II ATT I.IV :2sB ATT I.VI
	QAP-3-8	04		5.1.3.H 5.6
	QAP-3-9	04		5.1.3.B ATT I ATT I.5

3.2.1B.

M&O implements by:

M&O	NLP-2-0	00		(verified) 5.1 ATT I.7 ATT II ATT IV
	NLP-3-16	00	P03	5.1.2 ATT I
	NLP-3-17	01		5.1.4 ATT III.2
	NLP-3-18	01	P03	5.1.1 5.1.2
	NLP-3-20	0	P02	5.1 5.2

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3.2.1B.

M&O implements by:

M&O	NLP-3-24	1		(verified) 5.1 5.2 5.3
	QAP-2-3	06	P02	5.1.2
	QAP-3-0	02	P01	5.2.1 5.2.2
	QAP-3-10	04		5.1.3
	QAP-3-2	05		ATT V
	QAP-3-5	05	P01	5.1 5.4 ATT I
	QAP-3-8	04		5.1.3
	QAP-3-9	04		5.1.3

3.2.1C.

M&O implements by:

M&O	NLP-2-0	00		(verified) 5.1 ATT I.3 ATT II ATT IV
	NLP-3-13	1		5.1
	NLP-3-16	00	P03	5.7
	NLP-3-17	01		5.8
	NLP-3-20	0	P02	5.1 5.2 5.3
	NLP-3-24	1		5.1.3
	QAP-2-3	06	P02	5.2.1 5.2.2
	QAP-3-0	02	P01	5.2.2
	QAP-3-10	04		5.11
	QAP-3-5	05	P01	5.5
	QAP-3-8	04		5.11
	QAP-3-9	04		5.9 ATT I.5

3.2.1D.

M&O implements by:

M&O	CLP-3-2	02		(verified) 5.1 5.2 5.3 5.4
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3.2.1D.

M&O implements by:

M&O	CLP-3-2	02		(verified)
	NLP-3-15	1	P03	5.5
				5.1
				5.2
				5.3
				5.4
	NLP-3-16	00	P03	5.1.2
	NLP-3-17	01		5.1.4
	NLP-3-20	0	P02	5.1.3
				5.2.9C
	QAP-3-0	02	P01	5.2.2
	QAP-3-10	04		5.1.3.D
	QAP-3-5	05	P01	5.2.C.4
				ATT I.II
				ATT I.IV :2sB
	QAP-3-8	04		5.1.3.H
	QAP-3-9	04		ATT I.7

3.2.2A.

M&O implements by:

M&O	NLP-2-0	00		(verified)
	QAP-2-3	06	P02	5.1
	QAP-3-0	02	P01	5.1.2
	QAP-3-10	04		5.1.2
				5.1
				5.2
				ATT I
	QAP-3-2	05		ATT V
	QAP-3-5	05	P01	5.2
				5.3
				5.4
	QAP-3-8	04		5.1
				5.2
				ATT I
				ATT III
	QAP-3-9	04		5.1
				5.2
				ATT I

3.2.2B.

M&O implements by:

M&O	NLP-2-0	00		(verified)
	QAP-2-3	06	P02	5.1
	QAP-3-0	02	P01	5.1.2
				5.1.2

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3.2.2B.

M&O implements by:

M&O	QAP-3-0	02	P01	(verified)
	QAP-3-10	04		5.2
				5.3
				5.1
				5.2
				5.3
				5.4
				5.5
				5.6
				5.7
				5.8
				5.9
				5.10
				5.11
	QAP-3-2	05		ATT I
	QAP-3-5	05	P01	ATT V
	QAP-3-8	04		5.2
				5.1
				5.2
				5.3
				5.4
				5.5
				5.6
				5.7
				5.8
				5.9
				ATT I
				ATT III
	QAP-3-9	04		5.1
				5.2
				5.3
				5.4
				5.5
				5.6
				5.7
				5.8
				5.9
				ATT I

3.2.2C.

M&O implements by:

M&O	QAP-3-0	02	P01	(verified)
				5.1.2
				5.2.1

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3.2.2C.

M&O implements by:

M&O	QAP-3-0	02	P01	(verified)
	QAP-3-10	04		5.2.2
				5.1
	QAP-3-5	05	P01	ATT I
	QAP-3-8	04		5.2
				5.1
				ATT I
				ATT III
	QAP-3-9	04		5.1
				ATT I

3.2.2D.

M&O implements by:

M&O	QAP-3-0	02	P01	(verified)
	QAP-3-10	04		5.2.2.2
				5.1.3
	QAP-3-5	05	P01	5.11
	QAP-3-8	04		5.2
				5.1.3
				5.11
				ATT I.13
	QAP-3-9	04		5.1.3
				5.9
				ATT I

3.2.2E.

M&O implements by:

M&O	NLP-2-0	00		(verified)
	NLP-3-18	01	P03	5.1.5
				5.2.1
				5.2.2
				5.2.3
				5.3.1
				5.3.2
				5.3.3
	QAP-3-0	02	P01	5.1.2
	QAP-3-10	04		5.2
				ATT I
	QAP-3-2	05		ATT V
	QAP-3-8	04		5.2
				ATT I
	QAP-3-9	04		5.2
				ATT I

3.2.2F.

M&O implements by:

M&O	QAP-3-5	05	P01	(verified)
				5.2.C

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	3.2.2F.			(verified)
	M&O implements by:	M&O QAP-3-8	04	ATT I.14
		QAP-3-9	04	ATT I.8
	3.2.2G.			(verified)
	M&O implements by:	M&O QAP-3-0	02 P01	5.1.2
				5.3
		QAP-3-10	04	5.4
				5.1
				5.2
				5.3
				5.4
				5.5
				5.6
				5.8
		QAP-3-2	05	ATT I
				5.1
		QAP-3-5	05 P01	ATT V
				5.2
				5.3
		QAP-3-8	04	5.4
				5.1
				5.2
				5.3
				5.4
				5.5
				5.6
				5.8
				ATT I
				ATT II
		QAP-3-9	04	ATT III
				5.1
				5.2
				5.3
				5.4
				5.5
				5.6
				ATT I
				ATT III
	3.2.2H. :1s			(verified)
	M&O implements by:	M&O QAP-3-0	02 P01	5.1.2

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3.2.2H. :1s				
	M&O implements by:	M&O QAP-3-0	02 P01	(verified)
		QAP-3-13	2 P02	5.3.2
		QAP-3-6	02 P02	5.1
				5.1
				5.2
3.2.2H. :2s				
	M&O implements by:	M&O MGP-7-1	0 P02	(verified)
		NLP-3-18	01 P03	5.2
				5.1
				5.2
				5.3
		QAP-3-0	02 P01	5.1.2
				5.3.2
3.2.2I.				
	M&O implements by:	M&O QAP-3-10	04	(verified)
		QAP-3-8	04	ATT I.11
				ATT I.21
				ATT I.22
				ATT I.28
				ATT III.J
3.2.3A.				
	M&O implements by:	M&O NLP-2-0	00	(verified)
				5.1
				ATT II
		NLP-3-16	00 P03	ATT IV
				5.1
				5.2
		NLP-3-17	01	5.3
				5.4
		QAP-2-3	06 P02	ATT III
		QAP-3-0	02 P01	5.1.3
		QAP-3-5	05 P01	5.2.3
				5.1
				5.2
				ATT I
		QAP-3-9	04	5.1
				ATT I
3.2.3B.				
	M&O implements by:	M&O NLP-2-0	00	(verified)
				5.1.4

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3.2.3B.

M&O implements by:

M&O	NLP-3-16	00	P03	(verified)
	NLP-3-17	01		5.1.2
				5.4
	QAP-2-3	06	P02	ATT III
	QAP-3-5	05	P01	5.1.3
	QAP-3-9	04		5.2
				5.1.3.B
				5.9
				ATT I

3.2.3C.

M&O implements by:

M&O	NLP-2-0	00		(verified)
	NLP-3-16	00	P03	5.1.4
	NLP-3-17	01		5.1.2
				5.4
	QAP-2-3	06	P02	ATT III.3
	QAP-3-13	2	P02	5.1.3
				5.1
				5.2
				5.3
				5.4
	QAP-3-5	05	P01	5.2.B
	QAP-3-6	02	P02	5.1
				5.2
	QAP-3-9	04		5.1.3
				5.5.2
				ATT II
				ATT VI

3.2.3D.

M&O implements by:

M&O	NLP-2-0	00		(verified)
	NLP-3-17	01		5.1.4
				5.4
				ATT III.1
				ATT III.2.A
				ATT III.2.C
				ATT III.3.1.3
	QAP-2-3	06	P02	5.1.3
	QAP-3-5	05	P01	5.2.C.11
	QAP-3-9	04		5.1.3
				ATT I.9

3.2.3E.1.

M&O implements by:

M&O	NLP-2-0	00		(verified)
				5.1.4

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3.2.3E.1. M&O implements by:				
	M&O	NLP-3-16	00 P03	(verified) 5.1.2
		NLP-3-17	01	ATT I 5.4
		QAP-2-3	06 P02	ATT III.3.1.1 5.1.3
		QAP-3-5	05 P01	5.2.C.2
		QAP-3-9	04	5.1.3 ATT I.1
3.2.3E.2. M&O implements by:				
	M&O	NLP-2-0	00	(verified) 5.1.4
		NLP-3-16	00 P03	5.1.2
		NLP-3-17	01	ATT I 5.1.4
				5.4
				ATT II
				ATT III.2.A
				ATT III.2.B
				ATT III.5
				ATT III.6
		QAP-2-3	06 P02	5.1.3
		QAP-3-5	05 P01	5.2.C.3
				5.2.C.4
		QAP-3-9	04	5.1.3
				ATT I.5
				ATT I.6
				ATT I.7
				ATT I.8
3.2.3E.3. M&O implements by:				
	M&O	NLP-2-0	00	(verified) 5.1.4
		NLP-3-16	00 P03	5.1.2
		NLP-3-17	01	ATT I 5.4
				ATT III.5
				ATT III.6
		QAP-2-3	06 P02	5.1.3
		QAP-3-5	05 P01	5.2.C.7
		QAP-3-9	04	5.1.3
				ATT I.8

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Group Name:

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3.2.3E.4. M&O implements by:				
	M&O	CLP-3-2	02	(verified) 5.1 5.2 5.3
		NLP-2-0	00	5.1.4
		NLP-3-16	00 P03	5.1.2 ATT I
		NLP-3-17	01	5.4 5.9.1 5.9.4 ATT III.2 ATT III.4
		QAP-2-3	06 P02	5.1.3
		QAP-3-2	05	ATT V
		QAP-3-5	05 P01	5.2.C.4 5.2.C.5
		QAP-3-9	04	5.1.3 ATT I.7
3.2.3E.5. M&O implements by:				
	M&O	NLP-2-0	00	(verified) 5.1.4
		NLP-3-17	01	5.4 5.5.5.F ATT III.1 ATT III.2
		QAP-2-3	06 P02	5.1.3
		QAP-3-5	05 P01	5.2.C.11
		QAP-3-9	04	5.1.3 ATT I.9
3.2.3E.6. M&O implements by:				
	M&O	NLP-2-0	00	(verified) 5.1.4
		NLP-3-16	00 P03	5.1.2 5.2.3 5.3.2
		NLP-3-17	01	5.4 5.6 ATT III.3
		QAP-2-3	06 P02	5.1.3
		QAP-3-5	05 P01	5.2.C.1 5.3.1

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Requirement status	Requirement id	Implementing document owner document id		Rev & Chg/ Effective	Implementation status requirement
	3.2.3E.6. M&O implements by:	M&O	QAP-3-5 QAP-3-9	05 P01 04	(verified) 5.4 5.2 5.3 5.4 5.5 5.7 5.8 ATT II
	3.2.4A.1. M&O implements by:	M&O	QAP-3-2	05	(verified) 5.2.1A 5.4
	3.2.4A.2. M&O implements by:	M&O	QAP-3-2	05	(verified) 5.2.1A 5.5
	3.2.4A.3. M&O implements by:	M&O	QAP-3-2	05	(verified) 5.2.1.A 5.6
	3.2.4B. M&O implements by:	M&O	QAP-3-0 QAP-3-2	02 P01 05	(verified) 5.4 5.2.2B
	3.2.4C. M&O implements by:	M&O	QAP-3-0 QAP-3-2	02 P01 05	(verified) 5.4 5.4 5.5 5.6 5.8.2 6.0 ATT I ATT III ATT V
	3.2.4D. :1s M&O implements by:	M&O	QAP-3-2	05	(verified) 5.1.4

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Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
	3.2.4D. :2s1. M&O implements by:	M&O QAP-3-2	05	(verified) 5.2.1C
	3.2.4D. :2s2. M&O implements by:	M&O QAP-3-2	05	(verified) 5.2.1C
	3.2.4D. :2s3. M&O implements by:	M&O QAP-3-2	05	(verified) 5.1.4
	3.2.4D. :2s4. M&O implements by:	M&O QAP-3-2	05	(verified) 5.2.1D
	3.2.4E. M&O implements by:	M&O QAP-3-10 QAP-3-2 QAP-3-8 QAP-3-9	04 05 04 04	(verified) 5.8 5.1 5.8 5.7
	3.2.4E.1. M&O implements by:	M&O QAP-3-10 QAP-3-2 QAP-3-8 QAP-3-9	04 05 04 04	(verified) 5.8 5.1.3 5.8 5.7
	3.2.4E.2. :1s M&O implements by:	M&O QAP-3-10 QAP-3-2 QAP-3-8 QAP-3-9	04 05 04 04	(verified) 5.9.1 5.1.3 5.9.1 5.8.1
	3.2.4E.2. :2s M&O implements by:	M&O CLP-3-2 NLP-3-15	02 1 PO3	(verified) 5.1 5.2 5.3 5.4 5.1

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Group Name:

Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
	3.2.4E.2. :2s M&O implements by:	M&O NLP-3-15	1 PO3	(verified) 5.2 5.3 5.4
		QAP-3-10	04	5.9.1
		QAP-3-2	05	5.1.3
		QAP-3-8	04	5.9.1
		QAP-3-9	04	5.8.1
	3.2.4E.3. M&O implements by:	M&O QAP-3-2	05	(verified) 5.1.3
	3.2.4F. M&O implements by:	M&O QAP-3-2	05	(verified) 5.1.5
	3.2.4G. M&O implements by:	M&O QAP-3-2	05	(verified) 5.1.1C
	3.2.4H.1. M&O implements by:	M&O QAP-3-2	05	(verified) 5.1.1C.1
	3.2.4H.2. M&O implements by:	M&O QAP-3-2	05	(verified) 5.1.1C.2
	3.2.4H.3. M&O implements by:	M&O QAP-3-2	05	(verified) 5.1.1C.3
	3.2.4H.4. :1s M&O implements by:	M&O QAP-3-2	05	(verified) 5.1.2
	3.2.4H.4. :2s M&O implements by:	M&O QAP-3-2	05	(verified) 5.1.2
	3.2.5A. M&O implements by:	M&O QAP-3-2	05	(verified) 5.4.3

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Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
	3.2.5A. M&O implements by:	M&O QAP-3-2	05	(verified) ATT I ATT V
	3.2.5B. M&O implements by:	M&O QAP-3-2	05	(verified) 5.4.3 ATT I ATT V
	3.2.5C. M&O implements by:	M&O QAP-3-2	05	(verified) 5.4.3 ATT I ATT V
	3.2.5D. M&O implements by:	M&O QAP-3-2	05	(verified) 5.4.3 ATT I ATT V
	3.2.5E. M&O implements by:	M&O QAP-3-2	05	(verified) 5.4.3 ATT I ATT V
	3.2.6 M&O implements by:	M&O QAP-3-2	05	(verified) 5.5 ATT I ATT V
	3.2.7A. M&O implements by:	M&O QAP-3-2	05	(verified) 5.6.2C
	3.2.7B. M&O implements by:	M&O QAP-3-2	05	(verified) 5.6.2C
	3.2.7C. :1s M&O implements by:	M&O QAP-3-2	05	(verified) 5.6.2C

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Group Name:

Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
	3.2.7C. :2s M&O implements by:	M&O QAP-3-2	05	(verified) 5.6.2C
	3.2.7D. M&O implements by:	M&O QAP-3-2	05	(verified) 5.6.1
	3.2.7E. M&O implements by:	M&O QAP-3-2	05	(verified) 5.6.2 5.6.3 ATT I ATT III ATT V
	3.2.7F. M&O implements by:	M&O QAP-3-2	05	(verified) 5.7.4
	3.2.7G. M&O implements by:	M&O QAP-3-2	05	(verified) 5.6.2C
	3.2.7H. M&O implements by:	M&O QAP-3-2	05	(verified) 5.6.3B
	3.2.8A. M&O implements by:	M&O NLP-3-10 NLP-3-13 NLP-3-8 NLP-3-9 QAP-3-0 QAP-3-10 QAP-3-4 QAP-3-8 QAP-3-9	03 1 1 1 02 P01 04 1 P01 04 04	(verified) 5.2.3 5.1.4 5.1 5.5 5.1 5.6 5.11 5.2 5.4 5.11 5.9
	3.2.8B. M&O implements by:	M&O NLP-3-10	03	(verified) 5.2

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Requirement status	Requirement id	Implementing document owner	document id	Rev & Chg/ Effective	Implementation status	requirement
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3.2.8B.

M&O implements by:

M&O	NLP-3-10	03		(verified)
	QAP-3-0	02	P01	ATT I
	QAP-3-10	04		5.6
	QAP-3-4	1	P01	5.11
	QAP-3-8	04		5.4
	QAP-3-9	04		5.11
				5.9

3.2.8C.

M&O implements by:

M&O	QAP-3-10	04		(verified)
	QAP-3-4	1	P01	5.11
	QAP-3-8	04		5.4
	QAP-3-9	04		5.11
				5.9

3.2.8C.1.

M&O implements by:

M&O	NLP-3-13	1		(verified)
	NLP-3-8	1		5.1.4
	NLP-3-9	1		5.1
	QAP-3-10	04		5.1
	QAP-3-8	04		5.11
	QAP-3-9	04		5.11
				5.9

3.2.8C.2.

M&O implements by:

M&O	QAP-2-6	3	P01	(verified)
				5.1
				5.2
				5.3

3.2.8D. :1s

M&O implements by:

M&O	QAP-3-0	02	P01	(verified)
				5.6.2

3.2.8D. :2s

M&O implements by:

M&O	QAP-3-0	02	P01	(verified)
YMSCO	YAP-15.1Q	0	ICN#1	5.6.2
				5.1.3a)
				5.1.3b)
				5.1.3c)
				5.1.3d)
				5.1.5
				5.2.1

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Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
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3.2.8D. :2s
M&O implements by:

YMSCO YAP-15.1Q

0 ICN#1

(verified)
5.2.2a)
5.2.2b)
5.2.2c)
5.2.2d)
5.2.2e)
5.2.2f)
5.3.1a)
5.3.1b)
5.3.1c)
5.3.1d)
5.3.1e)
5.3.2a)
5.3.2b)
5.3.2c)
5.3.2d)
5.3.4a)
5.3.4b)
5.3.4c)
5.3.4d)

3.2.8E.
M&O implements by:

M&O NLP-3-10
QAP-3-0

03
02 P01

(verified)
5.2.3
5.6.5

3.2.8F.
M&O implements by:

M&O NLP-6-1
QAP-3-0

QAP-3-12
QAP-3-4

2 P01
02 P01

04
1 P01

(verified)
5.1.4
5.6.1
5.6.4
5.5
5.4.7.F
5.4.7.G

3.2.9A.
M&O implements by:

M&O QAP-3-0
QAP-3-1
QAP-3-10

02 P01
05
04

(verified)
5.7
ATT IX.10
5.2
5.3
5.4
5.6

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3.2.9A.

M&O implements by:

M&O	QAP-3-10	04		(verified) 5.7 ATT I
	QAP-3-5	05	P01	5.2.C.8 ATT I.IV :2sC
	QAP-3-8	04		5.2 5.3 5.4 5.6 5.7 ATT I
	QAP-3-9	04		5.2 5.3 5.4 5.6 5.7

3.2.9B.

M&O implements by:

M&O	QAP-1-0	02		(verified) 5.1
	QAP-3-0	02	P01	5.7
	QAP-3-10	04		5.3 5.4
	QAP-3-12	04		5.1 5.2 5.3 5.4 5.5
	QAP-3-5	05	P01	5.3 5.4
	QAP-3-8	04		5.3 5.4
	QAP-3-9	04		5.3 5.4

3.2.9C.

M&O implements by:

M&O	NLP-3-20	0	P02	(verified) 5.4
	QAP-3-0	02	P01	5.5 5.7
	QAP-3-1	05		ATT IX.11 ATT IX.12
	QAP-3-10	04		5.3

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Group Name:

Requirement status	Requirement id	Implementing document owner document id		Rev & Chg/ Effective	Implementation status requirement

	3.2.9C.				
	M&O implements by:	M&O	QAP-3-10	04	(verified) 5.4 5.8 5.9 5.4.7.G 5.3 5.4 5.3 5.4 5.9 5.3 5.4 5.7 5.8
			QAP-3-4	1 P01	
			QAP-3-5	05 P01	
			QAP-3-8	04	
			QAP-3-9	04	
	3.2.9D.				
	M&O implements by:	M&O	QAP-2-3	06 P02	(verified) 5.1.3 5.2.1 5.2.2 5.7 5.3
			QAP-3-0	02 P01	
			QAP-3-12	04	
	3.2.9E. :1s				
	M&O implements by:	M&O	QAP-3-0	02 P01	(verified) 5.7 5.3.2 5.6.1
			QAP-3-12	04	
			QAP-3-2	05	
	3.2.9E. :2s				
	M&O implements by:	M&O	CLP-3-2	02	(verified) 5.4.5 5.7 5.9.1 5.3.2 5.9.1
			QAP-3-0	02 P01	
			QAP-3-10	04	
			QAP-3-12	04	
			QAP-3-8	04	
	3.2.9F.				
	M&O implements by:	M&O	QAP-3-0	02 P01	(verified) 5.2.2.5
	4.2.1A.				
	M&O implements by:	M&O	QAP-4-1	02 P02	(verified) 5.2.2

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Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
	4.2.1A. M&O implements by:	M&O QAP-4-1	02 P02	(verified) ATT I.A
	4.2.1B.1. M&O implements by:	M&O QAP-4-1	02 P02	(verified) 5.2.2 ATT I.A
	4.2.1B.2. :1s M&O implements by:	M&O QAP-4-1	02 P02	(verified) 5.2.2 ATT I.A
	4.2.1B.2. :2s M&O implements by:	M&O QAP-4-1	02 P02	(verified) 5.2.2 ATT I.A
	4.2.1B.3. M&O implements by:	M&O QAP-4-1	02 P02	(verified) 5.2.2 ATT I.A
	4.2.1C.1. :1s M&O implements by:	M&O QAP-4-1	02 P02	(verified) 5.2.2 ATT I.B
	4.2.1C.1. :2s M&O implements by:	M&O QAP-4-1	02 P02	(verified) 5.2.2 ATT I.B
	4.2.1C.2. M&O implements by:	M&O QAP-4-1	02 P02	(verified) 5.2.2 ATT I.C
	4.2.1C.3. :1s M&O implements by:	M&O QAP-4-1	02 P02	(verified) 5.2.2 ATT I.B
	4.2.1C.3. :2s M&O implements by:	M&O QAP-4-1	02 P02	(verified) 5.2.2

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Group Name:

Requirement status	Requirement id	Implementing document owner document id		Rev & Chg/ Effective	Implementation status requirement
	4.2.1C.3. :2s M&O implements by:	M&O	QAP-4-1	02 P02	(verified) ATT I.B
	4.2.1D. M&O implements by:	M&O	QAP-4-1	02 P02	(verified) 5.2.2 ATT I.D
	4.2.1E. M&O implements by:	M&O	QAP-4-1	02 P02	(verified) 5.2.2 ATT I.A
	4.2.1F. M&O implements by:	M&O	QAP-4-1	02 P02	(verified) 5.2.2 ATT I.E
	4.2.1F.1. M&O implements by:	M&O	QAP-4-1	02 P02	(verified) 5.2.2 ATT I.E
	4.2.1F.2. M&O implements by:	M&O	QAP-4-1	02 P02	(verified) 5.2.2 ATT I.E
	4.2.1G. M&O implements by:	M&O	QAP-4-1	02 P02	(verified) 5.2.2 ATT I.F ATT II.A.6 ATT II.B
	4.2.1H. M&O implements by:	M&O	QAP-4-1	02 P02	(verified) 5.2.2 ATT I.A ATT I.G.3
	4.2.2A. M&O implements by:	M&O	QAP-7-1	02 P01	(verified) 5.4.2

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	4.2.2A. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.7.2
	4.2.2B. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.4.2 5.6.5 5.7.2 5.13
	4.2.2C. M&O implements by:	M&O QAP-4-1	02 P02	(verified) 5.1.3.E
	4.2.2D. M&O implements by:	M&O QAP-4-1	02 P02	(verified) 5.1.3.C
	4.2.2E. M&O implements by:	M&O QAP-4-1	02 P02	(verified) 5.1.3.B
	4.2.2F. M&O implements by:	M&O QAP-4-1	02 P02	(verified) 5.5.5 5.5.10 5.5.15
	4.2.3A. M&O implements by:	M&O QAP-4-1 QAP-7-1	02 P02 02 P01	(verified) 5.1.4 5.6.5 5.13
	4.2.3B. :1s M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.6.5
	4.2.3B. :2s M&O implements by:	M&O QAP-4-1 QAP-7-1	02 P02 02 P01	(verified) 5.1.4 5.6.5
	4.2.3B. :3s1. M&O implements by:	M&O QAP-4-1	02 P02	(verified) 5.1.4

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	4.2.3B. :3s2. M&O implements by:	M&O QAP-4-1	02 P02	(verified) 5.1.4
	4.2.3B. :3s3. M&O implements by:	M&O QAP-4-1	02 P02	(verified) 5.1.4
	5.2 M&O implements by:	M&O M&O QA POLICY STATEMENT	0	(verified) Para. 3
	5.2.1 M&O implements by:	M&O M&O QA POLICY STATEMENT	0	(verified) Para. 3
	5.2.2A. M&O implements by:	M&O QAP-5-1	03	(verified) 5.3.2.b ATT IV.4
		QAP-5-2	01	ATT IV.5 :2p 5.3.2.b ATT II.A
	5.2.2B. M&O implements by:	M&O QAP-5-1	03	(verified) 5.3.2.b
		QAP-5-2	01	ATT IV.5 :3p 5.3.2.b ATT II.A
	5.2.2C. :1s M&O implements by:	M&O QAP-5-1	03	(verified) 5.3.2.b
		QAP-5-2	01	ATT IV.5 :2p 5.3.2.b ATT II.A
	5.2.2C. :2s M&O implements by:	M&O QAP-5-1	03	(verified) 5.3.2.b
		QAP-5-2	01	ATT IV.5 :5p 5.3.2.b ATT II.A

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	5.2.2D.				
	M&O implements by:	M&O	QAP-5-1	03	(verified)
			QAP-5-2	01	ATT IV.5 :4p
					5.3.2.b
					ATT II.A
	5.2.2E.				
	M&O implements by:	M&O	QAP-5-1	03	(verified)
			QAP-5-2	01	5.3.2.b
					ATT IV.5 :3p
					5.3.2.b
					ATT II.A
	5.2.2F.				
	M&O implements by:	M&O	QAP-5-1	03	(verified)
			QAP-5-2	01	5.3.2.b
					ATT IV.5 :3p
					5.3.2.b
					ATT II.A
	5.2.2G.				
	M&O implements by:	M&O	QAP-5-1	03	(verified)
			QAP-5-2	01	5.3.2.b
					ATT IV.5 :3p
					5.3.2.b
					ATT II.A
	5.2.2H.				
	M&O implements by:	M&O	QAP-5-1	03	(verified)
			QAP-5-2	01	5.3.2.b
					ATT IV.6
					5.3.2.b
					ATT II.A
	5.2.2I.				
	M&O implements by:	M&O	QAP-5-1	03	(verified)
			QAP-5-2	01	5.3.2.b
					ATT IV.2
					5.3.2.b
					ATT II.A
	5.2.3				
	M&O implements by:	M&O	QAP-5-1	03	(verified)
					5.5

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	5.2.3			
	M&O implements by:	M&O QAP-5-1	03	(verified)
		QAP-5-2	01	5.6
				5.5
				5.6
	5.2.4A.			
	M&O implements by:	M&O M&O QA POLICY STATEMENT	0	(verified)
		QAP-5-1	03	Para. 3
		QAP-5-2	01	5.3.2.b
				ATT IV.5 :1p
				5.3.2.b
	5.2.4B.			
	M&O implements by:	M&O M&O QA POLICY STATEMENT	0	(verified)
		QAP-5-1	03	Para. 3
		QAP-5-2	01	5.3.2.b
				ATT IV.5 :1p
				5.3.2.b
	6.2.1			
	M&O implements by:	M&O QAP-3-5	05 P01	(verified)
				5.1
				5.1.4
		QAP-5-1	03	ATT I.IV :2sD
		QAP-5-2	01	5.6.1.m
		QAP-6-1	2	5.6.1.k
				5.1.1
	6.2.2			
	M&O implements by:	M&O QAP-1-0	02	(verified)
				5.4.2.C
				5.4.9.C
				5.4.10.C
				5.4.10.F
				5.4.11.C
				5.4.11.F
		QAP-3-5	05 P01	5.1
				5.1.1
		QAP-5-1	03	ATT I.VI
				5.1.b
				5.3.2.b
		QAP-5-2	01	ATT IV.4
				5.1.b

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6.2.2 M&O implements by:				
		M&O QAP-5-2	01	(verified) 5.3.2.b ATT II
6.2.3 M&O implements by:				
		M&O QAP-3-5	05 P01	(verified) 5.1 5.3.1 ATT I.VI
		QAP-4-1	02 P02	5.1.3
		QAP-5-1	03	5.3.3.b 5.5
		QAP-5-2	01	5.3.3.b 5.5
		YMSCO YAP-5.6Q	0 ICN#3	5.1.15a) 5.2.2NOTE:
6.2.4 M&O implements by:				
		M&O QAP-3-5	05 P01	(verified) 5.1 5.4 5.4.A 5.4.B ATT I.VI
		QAP-5-1	03	5.6.1.g 5.6.1.h 5.6.1.m
		QAP-5-2	01	5.6.1.g 5.6.1.h 5.6.1.k 3.6
		QAP-6-1	2	5.1.5
		YMSCO YAP-5.6Q	0 ICN#3	5.2.1b) 5.2.2 5.2.4
6.2.5 M&O implements by:				
		M&O NLP-6-1	2 P01	(verified) 5.1
		QAP-3-5	05 P01	5.1.4 5.4.C 5.5
		QAP-5-1	03	5.6.1.m

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6.2.5

M&O implements by:

M&O	QAP-5-1	03	(verified)
	QAP-5-2	01	5.8.3.a :1s 5.8.3.a :2s 5.6.1.k 5.8.4.a :1s 5.8.4.a :2s
	QAP-6-1	2	5.2.7 5.2.9 5.3.3 5.3.4

6.2.5A.

M&O implements by:

M&O	M&O QA POLICY STATEMENT	0	(verified)
	NLP-6-1	2 PO1	Para. 3 5.1.1 5.1.3 5.1.5
	QAP-5-1	03	5.6.1.m 5.8.3.a :1s
	QAP-5-2	01	5.6.1.k 5.8.4.a :1s
	QAP-6-1	2	5.2.7 5.2.9 5.3.2 5.3.3 5.2.6b)
YMSCO	YAP-5.6Q	0 ICN#3	

6.2.5B.

M&O implements by:

M&O	NLP-6-1	2 PO1	(verified)
	QAP-5-1	03	5.1.5
	QAP-5-2	01	5.6.1.e 5.6.1.e
	QAP-6-1	2	5.1.3.D
YMSCO	YAP-5.6Q	0 ICN#3	5.2.5a)

6.2.5C.

M&O implements by:

M&O	NLP-6-1	2 PO1	(verified)
	QAP-5-1	03	5.1.6
	QAP-5-2	01	5.8.3.c 5.8.4.c
	QAP-6-1	2	5.3.4 5.4.4.D

6.2.5D.

M&O implements by:

M&O	NLP-6-1	2 PO1	(verified)
			5.1.4

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	6.2.5D. M&O implements by:	M&O QAP-6-1	2	(verified) 5.4.5
	6.2.6 M&O implements by:	M&O QAP-3-5 QAP-5-1	05 P01 03	(verified) 5.5.1 5.3.3.a 5.3.3.b 5.5
		QAP-5-2	01	5.3.3.a 5.3.3.b 5.5
		YMSCO YAP-5.6Q	0 ICN#3	5.3.2
	6.2.6A. M&O implements by:	M&O QAP-3-5 QAP-5-1	05 P01 03	(verified) 5.5.1 3.6 5.5.1.a 5.5.2.a 5.5.1.a 5.5.2.b
		QAP-5-2	01	
	6.2.6B. M&O implements by:	M&O QAP-3-1 QAP-3-5 QAP-5-1	05 05 P01 03	(verified) 5.1.3 5.5.1 3.6 5.5.1.a 5.5.2.a 5.5.1.a 5.5.2.b
		QAP-5-2	01	
	6.2.6C. M&O implements by:	M&O QAP-3-5 QAP-5-1 QAP-5-2	05 P01 03 01	(verified) 5.4 5.5.1 5.6.1.g 5.6.1.h 5.6.1.g 5.6.1.h
	6.2.6D. :1s M&O implements by:	M&O QAP-5-1	03	(verified) 3.8

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	6.2.6D. :1s M&O implements by:	M&O QAP-5-1 QAP-5-2	03 01	(verified) 5.6.1.m 3.9 5.6.1.k
	6.2.6D. :2s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	6.2.6E. :1s M&O implements by:	M&O QAP-5-1 QAP-5-2	03 01	(verified) 5.3.2.f 5.4.2.d 5.5.3.f 5.6.1.c ATT III 5.3.2.f 5.4.2.d 5.5.3.f 5.6.1.c
	6.2.6E. :2s M&O implements by:	M&O QAP-5-1 QAP-5-2	03 01	(verified) 5.2.1.a 5.5.1.e 5.5.2.a 5.2.1.a 5.5.1.e 5.5.2.b
	6.2.7 M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	6.2.7A. :1s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	6.2.7A. :2s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	6.2.7B. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A

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	6.2.7B.1. M&O implements by:	M&O	N/A	N/A N/A		(verified) N/A
	6.2.7B.2. M&O implements by:	M&O	N/A	N/A N/A		(verified) N/A
	6.2.7B.3. M&O implements by:	M&O	N/A	N/A N/A		(verified) N/A
	6.2.8 M&O implements by:	M&O	QAP-5-1	03		(verified) 3.1
			QAP-5-2	01		5.3.3.a 3.1 5.3.3.a
	6.2.8A.1. M&O implements by:	M&O	QAP-5-1	03		(verified) 3.1
			QAP-5-2	01		3.1
	6.2.8A.2. M&O implements by:	M&O	QAP-5-1	03		(verified) 3.1
			QAP-5-2	01		3.1
	6.2.8A.3. M&O implements by:	M&O	QAP-5-1	03		(verified) 3.1
			QAP-5-2	01		3.1
	6.2.8A.4. M&O implements by:	M&O	QAP-5-1	03		(verified) 3.1
			QAP-5-2	01		3.1
	6.2.8B. M&O implements by:	M&O	QAP-5-1	03		(verified) 3.1 5.6.1.g 5.6.1.h

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	6.2.8B. M&O implements by:	M&O QAP-5-2	01	(verified) 3.1 5.6.1.g 5.6.1.h
		YMSCO YAP-5.6Q	0 ICN#3	5.3.1a) 5.3.1b) 5.3.1c) 5.3.1d)
	7.2.1 :1s M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.2.1
	7.2.1 :2sA. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.2.1.E
	7.2.1 :2sB. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.2.1.A 5.2.1.B 5.2.1.C 5.2.1.D
	7.2.1 :2sC. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.2.1.D
	7.2.1 :2sD.1. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.2.3.A
	7.2.1 :2sD.2. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.2.3.D
	7.2.1 :2sD.3. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.2.3.C 5.2.3.D
	7.2.1 :2sD.4. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.2.3.E

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	7.2.1 :2sD.5. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.2.3.E.1
	7.2.1 :2sD.6. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.2.3.E.2
	7.2.1 :2sD.7. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.2.3.E.3
	7.2.1 :2sD.8. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.2.3.F
	7.2.1 :2sD.9. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.2.3.G
	7.2.1 :2sE. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.2.4
	7.2.1 :2sF. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.2.1
	7.2.1 :2sG. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.2.5
	7.2.2A. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.5.1
	7.2.2B. :1s M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.5.2 5.7.2 5.7.3
	7.2.2B. :2s M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.5.4

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	7.2.2B. :2s M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.6.4
	7.2.2C.1. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.5.2.A 5.7.3
	7.2.2C.2. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.5.2.B 5.7.3
	7.2.2C.3. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.5.2.C 5.7.3
	7.2.2D. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.5.3 5.5.4 5.7.3
	7.2.3A. :1s M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.6.2
	7.2.3A. :2s M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.6.2
	7.2.3A. :3s1. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.6.2.A
	7.2.3A. :3s2. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.6.2.B
	7.2.3A. :3s3. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.6.2.C

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	7.2.3A. :3s4. M&O implements by:	M&O	QAP-7-1	02 P01	(verified)	5.6.2.D
	7.2.3A. :3s5. M&O implements by:	M&O	QAP-7-1	02 P01	(verified)	5.6.2.E
	7.2.3A. :3s6. M&O implements by:	M&O	QAP-7-1	02 P01	(verified)	5.6.2.F
	7.2.3A. :3s7. M&O implements by:	M&O	QAP-7-1	02 P01	(verified)	5.6.2.G
	7.2.3B. M&O implements by:	M&O	QAP-7-1	02 P01	(verified)	5.6.6
	7.2.3C. M&O implements by:	M&O	QAP-7-1	02 P01	(verified)	5.6.7 5.7.1.E 5.7.3
	7.2.3D. M&O implements by:	M&O	QAP-7-1	02 P01	(verified)	5.7.1.E 5.7.3 5.7.4 5.7.5
	7.2.4A. :1s M&O implements by:	M&O	QAP-7-1	02 P01	(verified)	5.8.2
	7.2.4A. :2s1. M&O implements by:	M&O	QAP-7-1	02 P01	(verified)	5.8.2.A
	7.2.4A. :2s2. M&O implements by:	M&O	QAP-7-1	02 P01	(verified)	5.8.2.B

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	7.2.4A. :2s3. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.8.2.C
	7.2.4A. :2s4. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.8.2.D
	7.2.4A. :2s5. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.8.2.E
	7.2.4A. :2s6. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.8.2.F
	7.2.4B. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.8.2
	7.2.4C. :1s M&O implements by:	M&O QAP-4-1 QAP-7-1	02 P02 02 P01	(verified) ATT I.D 5.8.7 5.8.4
	7.2.4C. :2s M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.8.4
	7.2.5A. M&O implements by:	M&O MGP-7-1 QAP-7-1	0 P02 02 P01	(verified) 5.1 5.2 5.3 5.4 5.10
	7.2.5B. :1s M&O implements by:	M&O MGP-7-1 QAP-7-1	0 P02 02 P01	(verified) 5.1.1 5.8.10
	7.2.5B. :2s M&O implements by:	M&O MGP-7-1	0 P02	(verified) 5.1.1

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Group Name:

Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
	7.2.5B. :2s M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.10
	7.2.6A.1. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.9.1.A
	7.2.6A.2. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.9.1.B
	7.2.6A.3. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.9.1.C
	7.2.6A.4. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.9.1.D
	7.2.6A.5. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.9.1.E
	7.2.6B. M&O implements by:	M&O QAP-4-1 QAP-7-1	02 P02 02 P01	(verified) ATT I.E 5.9.2
	7.2.6C. :1s M&O implements by:	M&O QAP-4-1 QAP-7-1	02 P02 02 P01	(verified) ATT I.E 5.9.2
	7.2.6C. :2s M&O implements by:	M&O QAP-4-1 QAP-7-1	02 P02 02 P01	(verified) ATT I.E 5.9.2
	7.2.7A. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.9.1.A.1
	7.2.7B. :1s M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.9.1.A.2

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	7.2.7B. :2s M&O implements by:	M&O	QAP-7-1	02 P01	(verified)	5.9.1.A.2
	7.2.7C. M&O implements by:	M&O	QAP-7-1	02 P01	(verified)	5.9.1.A.3
	7.2.7D. M&O implements by:	M&O	QAP-7-1	02 P01	(verified)	5.9.1.A.4
	7.2.7E. M&O implements by:	M&O	QAP-7-1	02 P01	(verified)	5.9.1.A.5
	7.2.7F. :1s M&O implements by:	M&O	QAP-7-1	02 P01	(verified)	5.9.1.A.6
	7.2.7F. :2s M&O implements by:	M&O	QAP-7-1	02 P01	(verified)	5.9.1.A.6
	7.2.8 :1sthru2s M&O implements by:	M&O	QAP-7-1	02 P01	(verified)	5.9.1.B.1
	7.2.8A. M&O implements by:	M&O	QAP-7-1	02 P01	(verified)	5.9.1.B.1
	7.2.8B. M&O implements by:	M&O	QAP-7-1	02 P01	(verified)	5.9.1.B.1
	7.2.8C. M&O implements by:	M&O	QAP-7-1	02 P01	(verified)	5.9.1.B.1
	7.2.9A. M&O implements by:	M&O	QAP-7-1	02 P01	(verified)	5.9.1.B.2
	7.2.9B. M&O implements by:	M&O	QAP-7-1	02 P01	(verified)	5.11

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	7.2.9C. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.11.1.B
	7.2.9D. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.11
	7.2.9E. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.9.4 5.11.8
	7.2.10 M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.9.1.B.3
	7.2.11 M&O implements by:	M&O QAP-4-1	02 P02	(verified) ATT I.F
	7.2.11A. M&O implements by:	M&O QAP-4-1	02 P02	(verified) ATT I.F ATT II
	7.2.11B. :1s M&O implements by:	M&O QAP-4-1	02 P02	(verified) ATT II.A.6
	7.2.11B. :2s1. M&O implements by:	M&O QAP-4-1	02 P02	(verified) ATT II.B.1
	7.2.11B. :2s2. M&O implements by:	M&O QAP-4-1	02 P02	(verified) ATT II.B.2
	7.2.11B. :2s3. M&O implements by:	M&O QAP-4-1	02 P02	(verified) ATT II.B.3
	7.2.11B. :2s4. M&O implements by:	M&O QAP-4-1	02 P02	(verified) ATT II.B.4

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Requirement status	Requirement id	Implementing document owner	document id	Rev & Chg/ Effective	Implementation status	requirement
	7.2.11C. M&O implements by:	M&O	QAP-7-1	02 P01		(verified) 5.12.2 5.12.5 5.12.7
	7.2.11D. M&O implements by:	M&O	QAP-7-1	02 P01		(verified) 5.12.9
	7.2.12A. :1s M&O implements by:	M&O	QAP-7-1	02 P01		(verified) 5.14.1.A
	7.2.12A. :2s M&O implements by:	M&O	QAP-7-1	02 P01		(verified) 5.14.1.A
	7.2.12B. M&O implements by:	M&O	QAP-7-1	02 P01		(verified) 5.14.1.B
	7.2.12C. M&O implements by:	M&O	QAP-7-1	02 P01		(verified) 5.14.1.C
	7.2.12D.1. M&O implements by:	M&O	QAP-7-1	02 P01		(verified) 5.14.1.D.1
	7.2.12D.2. M&O implements by:	M&O	QAP-7-1	02 P01		(verified) 5.14.1.D.2
	7.2.12D.3. M&O implements by:	M&O	QAP-7-1	02 P01		(verified) 5.14.1.D.3
	7.2.12D.4. M&O implements by:	M&O	QAP-7-1	02 P01		(verified) 5.14.1.D.4
	8.2.1A. M&O implements by:	M&O	N/A	N/A N/A		(verified) N/A

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	8.2.1B. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	8.2.2A. :1s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	8.2.2A. :2s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	8.2.2B.1. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	8.2.2B.2. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	8.2.2B.3. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	8.2.2B.4. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	8.2.3A. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	8.2.3B. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	8.2.4A. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	8.2.4B. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	8.2.4C. :1s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A

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	8.2.4C. :2s1. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	8.2.4C. :2s2. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	8.2.4C. :2s3. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	9.2.1A. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	9.2.1B.1. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	9.2.1B.2. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	9.2.1B.3. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	9.2.1C. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	9.2.2 :1s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	9.2.2 :2sA. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	9.2.2 :2sB.1s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	9.2.2. :2sB.2s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A

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Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
	9.2.2 :2sC. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	9.2.3A. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	9.2.3B. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 3.1(1) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 3.1(2) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 3.1(3) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 3.1(4) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 3.1(5) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 3.1(6) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 3.1(7) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 3.1(8) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 4.1 :1sthru2s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A

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	(Inc. by ref.) OQA ASNT SNT-TC-1A 4.2 :1s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 4.2 :2s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 4.3(1) :1s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 4.3(1) :2s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 4.3(2) :1s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 4.3(2) :2s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 4.3(2) :3s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 4.3(3) :1s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 4.3(3) :2s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 4.3(3) :3s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 4.3(3) :4s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 5.1 M&O implements by:	M&O N/A	N/A N/A	(verified) N/A

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	(Inc. by ref.) OQA ASNT SNT-TC-1A 5.2 M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	(Inc. by ref.) OQA ASNT SNT-TC-1A 6.1 M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	(Inc. by ref.) OQA ASNT SNT-TC-1A 6.2 M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	(Inc. by ref.) OQA ASNT SNT-TC-1A 6.3 M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	(Inc. by ref.) OQA ASNT SNT-TC-1A 6.3.1 M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	(Inc. by ref.) OQA ASNT SNT-TC-1A 6.3.2(1) M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	(Inc. by ref.) OQA ASNT SNT-TC-1A 6.3.2(2) M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	(Inc. by ref.) OQA ASNT SNT-TC-1A 6.3.2(3) M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	(Inc. by ref.) OQA ASNT SNT-TC-1A 6.3.2 :1p M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	(Inc. by ref.) OQA ASNT SNT-TC-1A 7.1 M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	(Inc. by ref.) OQA ASNT SNT-TC-1A 7.2 M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
0	(Inc. by ref.) OQA ASNT SNT-TC-1A 7.2.1 M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	

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	(Inc. by ref.) OQA ASNT SNT-TC-1A 8.1 :1s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 8.1 :2s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 8.1.1(1) :1s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 8.1.1(1) :2s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 8.1.1(2) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 8.1.1(3) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 8.1.1(4) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 8.1.1(5) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 8.1.2(1) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 8.1.2(2) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 8.1.2(3) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 8.1.3(1) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A

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(Inc. by ref.) OQA	ASNT SNT-TC-1A	8.1.3(2)			(verified)	
M&O implements by:	M&O	N/A		N/A N/A	N/A	
(Inc. by ref.) OQA	ASNT SNT-TC-1A	8.1.4(1)			(verified)	
M&O implements by:	M&O	N/A		N/A N/A	N/A	
(Inc. by ref.) OQA	ASNT SNT-TC-1A	8.1.4(2)			(verified)	
M&O implements by:	M&O	N/A		N/A N/A	N/A	
(Inc. by ref.) OQA	ASNT SNT-TC-1A	8.1.4(3)			(verified)	
M&O implements by:	M&O	N/A		N/A N/A	N/A	
(Inc. by ref.) OQA	ASNT SNT-TC-1A	8.1.5			(verified)	
M&O implements by:	M&O	N/A		N/A N/A	N/A	
(Inc. by ref.) OQA	ASNT SNT-TC-1A	8.2			(verified)	
M&O implements by:	M&O	N/A		N/A N/A	N/A	
(Inc. by ref.) OQA	ASNT SNT-TC-1A	8.3 :1sthru2s			(verified)	
M&O implements by:	M&O	N/A		N/A N/A	N/A	
(Inc. by ref.) OQA	ASNT SNT-TC-1A	8.3 :3s			(verified)	
M&O implements by:	M&O	N/A		N/A N/A	N/A	
(Inc. by ref.) OQA	ASNT SNT-TC-1A	8.3.1(1)			(verified)	
M&O implements by:	M&O	N/A		N/A N/A	N/A	
(Inc. by ref.) OQA	ASNT SNT-TC-1A	8.3.1(2)			(verified)	
M&O implements by:	M&O	N/A		N/A N/A	N/A	
(Inc. by ref.) OQA	ASNT SNT-TC-1A	8.3.1(3) :1s			(verified)	
M&O implements by:	M&O	N/A		N/A N/A	N/A	
(Inc. by ref.) OQA	ASNT SNT-TC-1A	8.3.1(3) :2s			(verified)	
M&O implements by:	M&O	N/A		N/A N/A	N/A	

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	(Inc. by ref.) OQA ASNT SNT-TC-1A 8.3.2(1) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 8.3.2(2) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 8.3.2(3) :1s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 8.3.2(3) :2s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 8.3.3(1) (a) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 8.3.3(1) (b) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 8.3.3(1) (c) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 8.3.3(2) (a) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 8.3.3(2) (b) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 8.3.3(2) (c) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 8.3.3(3) (a) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 8.3.4 :1s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A

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Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
(Inc. by ref.) OQA ASNT SNT-TC-1A 8.3.4 :2s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A	
(Inc. by ref.) OQA ASNT SNT-TC-1A 8.4.1 :1s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A	
(Inc. by ref.) OQA ASNT SNT-TC-1A 8.4.1 :2s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A	
(Inc. by ref.) OQA ASNT SNT-TC-1A 8.4.1 :3s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A	
(Inc. by ref.) OQA ASNT SNT-TC-1A 8.4.1 :4s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A	
(Inc. by ref.) OQA ASNT SNT-TC-1A 8.4.2 :1s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A	
(Inc. by ref.) OQA ASNT SNT-TC-1A 8.4.2 :2s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A	
(Inc. by ref.) OQA ASNT SNT-TC-1A 8.4.2 :3s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A	
(Inc. by ref.) OQA ASNT SNT-TC-1A 8.4.3 :1s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A	
(Inc. by ref.) OQA ASNT SNT-TC-1A 8.4.3 :2s(1) (a) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A	
(Inc. by ref.) OQA ASNT SNT-TC-1A 8.4.3 :2s(1) (b) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A	
(Inc. by ref.) OQA ASNT SNT-TC-1A 8.4.3 :2s(1) (c) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A	

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(Inc. by ref.) OQA	ASNT SNT-TC-1A 8.4.3 :2s(2) (a)	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA	ASNT SNT-TC-1A 8.4.3 :2s(2) (b)	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA	ASNT SNT-TC-1A 8.4.3 :2s(2) (c)	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA	ASNT SNT-TC-1A 8.4.3 :2s(3) (a)	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA	ASNT SNT-TC-1A 8.4.3 :2s(3) (b)	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA	ASNT SNT-TC-1A 8.4.3 :2s(3) (c)	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA	ASNT SNT-TC-1A 8.4.3 :2s(4)	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA	ASNT SNT-TC-1A 8.4.4	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA	ASNT SNT-TC-1A 8.4.5	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA	ASNT SNT-TC-1A 8.5(1)	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA	ASNT SNT-TC-1A 9.1	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA	ASNT SNT-TC-1A 9.2	M&O N/A	N/A N/A	(verified) N/A

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	(Inc. by ref.) OQA ASNT SNT-TC-1A 9.3 M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 9.4 :1s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 9.4 :2s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 9.5 M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 9.6 M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 9.6.1(1) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 9.6.1(2) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 9.6.1(3) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 9.6.1(4) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 9.6.1(5) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 9.6.1(6) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 9.6.1(7) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A

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	(Inc. by ref.) OQA ASNT SNT-TC-1A 9.6.1(8) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 9.6.1(9) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 9.6.1(10) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 9.7.1(1) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 9.7.1(2) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 9.7.2 M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 9.7.3 M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 10.1 M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 10.2(1) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 10.2(2) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA ASNT SNT-TC-1A 10.2(3) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	9.2.3C. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A

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	10.2.1A. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	10.2.1B. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	10.2.1C. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	10.2.1D. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	10.2.1E. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	10.2.1F. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	10.2.1G. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	10.2.1H. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	10.2.1I. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	10.2.2A. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	10.2.2B. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	10.2.2C. :1s M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A

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	10.2.2C. :2s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.3A. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.3B. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.4. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.5A. :1s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.5A. :2s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.5B. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.5C. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.5D. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.6A. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.6B. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.6C. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A

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	10.2.6D. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.7A. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.7B. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.8A. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.8B. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.8C. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.8D. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.8E. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.8F. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.8G. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.8H. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.8I. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A

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	10.2.9A. :1s M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	10.2.9A. :2s M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	10.2.9B. :1s M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	10.2.9B. :2s M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	10.2.9C.1. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	10.2.9C.2. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	10.2.9C.3. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	10.2.9C.3.a. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	10.2.9C.3.b. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	10.2.9D. :1s M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	10.2.9D. :2s M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	10.2.9D.1. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A

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	10.2.9D.2. :1s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.9D.2. :2sa. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.9D.2. :2sb. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.9D.2. :2sc. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.9D.2. :2sd. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.9D.2. :2se. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.9D.3. :1s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.9D.3. :2s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.9E. :1s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.9E. :2s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.9E.1.a. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.9E.1.b. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A

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	10.2.9E.1.c. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	10.2.9E.2.a. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	10.2.9E.2.b. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	10.2.9E.2.c. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	10.2.9E.2.d. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	10.2.9E.3.a. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	10.2.9E.3.b. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	10.2.9E.3.c. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	10.2.9E.3.d. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	10.2.9F. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	10.2.9G. :1s M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	10.2.9G. :2s1. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A

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	10.2.9G. :2s2. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	10.2.9G. :2s3. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	10.2.9G. :2s4. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	10.2.9G. :2s5. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	10.2.9G. :2s6. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	10.2.9G. :2s7. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	10.2.9G. :2s8. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	10.2.9H.1. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	10.2.9H.1.a. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	10.2.9H.1.b. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	10.2.9H.2. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	10.2.9I.1. :1s M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	

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Group Name:

Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
	10.2.9I.1. :2s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.9I.2.a. :1s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.9I.2.a. :2s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.9I.2.b. :1s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.9I.2.b. :2s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.9I.2.c. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.9I.2.d. :1s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	10.2.9I.2.d. :2s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	11.1 :2p M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	11.1 :3p M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	11.2.1A. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	11.2.1B. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A

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Group Name:

Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
	11.2.1C. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	11.2.1D. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	11.2.1E. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	11.2.1F. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	11.2.1G. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	11.2.1H. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	11.2.1I. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	11.2.2A. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	11.2.2B. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	11.2.2C. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	11.2.2D. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	11.2.2E. :1s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A

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Group Name:

Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
	11.2.2E. :2s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	11.2.3A. :1s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	11.2.3A. :2s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	11.2.3B. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	11.2.4A. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	11.2.4B. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	11.2.5A. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	11.2.5B. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	11.2.5C. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	11.2.5D. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	11.2.5E. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	11.2.5F. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A

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Requirement status	Requirement id	Implementing document owner document id		Rev & Chg/ Effective	Implementation status requirement
	11.2.5G. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	11.2.5H. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	11.2.5I. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	11.2.6 M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	12.2.1A. :1s M&O implements by:	M&O	QAP-12-1	0 P02	(verified) 5.1.8
	12.2.1A. :2s M&O implements by:	M&O	QAP-12-1	0 P02	(verified) 5.1.8
	12.2.1B. M&O implements by:	M&O	QAP-12-1	0 P02	(verified) 5.1.8
	12.2.1B.1. M&O implements by:	M&O	QAP-12-1	0 P02	(verified) 5.1.8
	12.2.1B.2. :1s M&O implements by:	M&O	QAP-12-1	0 P02	(verified) 5.1.8 5.2.4.B 5.3.3
	12.2.1B.2. :2s M&O implements by:	M&O	QAP-12-1	0 P02	(verified) 5.1.8 5.2.4.B 5.3.3
	12.2.1C. :1s M&O implements by:	M&O	QAP-12-1	0 P02	(verified) 5.2.1

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Requirement status	Requirement id	Implementing document owner	document id	Rev & Chg/ Effective	Implementation status	requirement
	12.2.1C. :1s M&O implements by:	M&O	QAP-12-1	0 P02	(verified) 5.3.1	
	12.2.1C. :2s M&O implements by:	M&O	QAP-12-1	0 P02	(verified) 5.1.3	
	12.2.1D. M&O implements by:	M&O	QAP-12-1	0 P02	(verified) 5.1.5	
	12.2.1E. M&O implements by:	M&O	QAP-12-1	0 P02	(verified) 5.5.2	
	12.2.1F. M&O implements by:	M&O	QAP-12-1	0 P02	(verified) 5.5.1	
	12.2.2 :1s M&O implements by:	M&O	QAP-12-1	0 P02	(verified) 5.8.2	
	12.2.2 :2s M&O implements by:	M&O	QAP-12-1	0 P02	(verified) 5.8.3	
	12.2.3A.1. M&O implements by:	M&O	QAP-12-1	0 P02	(verified) 5.1.4	
	12.2.3A.2. M&O implements by:	M&O	QAP-12-1	0 P02	(verified) 5.1.4	
	12.2.3B. :1s M&O implements by:	M&O	QAP-12-1	0 P02	(verified) 5.1.4 5.1.5 5.1.6 5.4.1	
	12.2.3B. :2s1. M&O implements by:	M&O	QAP-12-1	0 P02	(verified) 5.4.1	

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	12.2.3B. :2s2. M&O implements by:	M&O QAP-12-1	0 P02	(verified) 5.4.3
	12.2.3B. :2s2.a. M&O implements by:	M&O QAP-12-1	0 P02	(verified) 5.4.3
	12.2.3B. :2s2.b. M&O implements by:	M&O QAP-12-1	0 P02	(verified) 5.4.3
	12.2.3C. M&O implements by:	M&O QAP-12-1	0 P02	(verified) 5.1.7
	12.2.4 M&O implements by:	M&O QAP-12-1	0 P02	(verified) 5.8.1
	12.2.5 M&O implements by:	M&O QAP-12-1	0 P02	(verified) 2.0
	12.2.6A. M&O implements by:	M&O QAP-12-1	0 P02	(verified) Attachment I
	12.2.6B. M&O implements by:	M&O QAP-12-1	0 P02	(verified) Attachment I
	12.2.6C. M&O implements by:	M&O QAP-12-1	0 P02	(verified) 5.2.3C Attachment I Instr 13
	12.2.6D. M&O implements by:	M&O QAP-12-1	0 P02	(verified) Attachment I
	12.2.6E. M&O implements by:	M&O QAP-12-1	0 P02	(verified) Attachment I

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Group Name:

Requirement status	Requirement id	Implementing document owner document id		Rev & Chg/ Effective		Implementation status requirement
	12.2.6F. M&O implements by:	M&O	QAP-12-1	0	P02	(verified) Attachment I
	12.2.6G. M&O implements by:	M&O	QAP-12-1	0	P02	(verified) 5.4.4 Attachment I
	12.2.6H. M&O implements by:	M&O	QAP-12-1	0	P02	(verified) Attachment I
	13.2.1A. M&O implements by:	M&O	N/A	N/A	N/A	(verified) N/A
	13.2.1B. M&O implements by:	M&O	N/A	N/A	N/A	(verified) N/A
	13.2.2A. M&O implements by:	M&O	N/A	N/A	N/A	(verified) N/A
	13.2.2B. M&O implements by:	M&O	N/A	N/A	N/A	(verified) N/A
	13.2.2C. M&O implements by:	M&O	N/A	N/A	N/A	(verified) N/A
	13.2.2D. M&O implements by:	M&O	N/A	N/A	N/A	(verified) N/A
	13.2.2E. M&O implements by:	M&O	N/A	N/A	N/A	(verified) N/A
	13.2.3A. M&O implements by:	M&O	N/A	N/A	N/A	(verified) N/A

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Requirement status	Requirement id	Implementing document owner	document id	Rev & Chg/ Effective	Implementation status	requirement
	13.2.3B. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	14.2.1A. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	14.2.1B. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	14.2.2A. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	14.2.2B. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	14.2.2C. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	14.2.2D. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	14.2.2E. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	15.2.1A. M&O implements by:	YMSCO	YAP-15.1Q	0 ICN#1	(verified) 5.1.1a)	
	15.2.1B. :1s M&O implements by:	YMSCO	YAP-15.1Q	0 ICN#1	(verified) 5.2.2a)	
	15.2.1B. :2s M&O implements by:	YMSCO	YAP-15.1Q	0 ICN#1	(verified) 5.2.3f)	
	15.2.1B. :3s M&O implements by:	YMSCO	YAP-15.1Q	0 ICN#1	(verified) 5.1.1c)	

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Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
	15.2.1C. M&O implements by:	YMSCO YAP-15.1Q	0 ICN#1	(verified) 5.2.3a) 5.2.3b) 5.2.3c)
	15.2.1D. M&O implements by:	YMSCO YAP-15.1Q	0 ICN#1	(verified) 5.2.1 5.2.3a)
	15.2.1E. M&O implements by:	YMSCO YAP-15.1Q	0 ICN#1	(verified) 5.2.1
	15.2.1F. M&O implements by:	YMSCO YAP-15.1Q	0 ICN#1	(verified) 5.1.1d) 5.1.1e) 5.1.1f)
	15.2.2A. :1s M&O implements by:	YMSCO YAP-15.1Q	0 ICN#1	(verified) 5.1.1d)
	15.2.2A. :2s M&O implements by:	YMSCO YAP-15.1Q	0 ICN#1	(verified) 5.1.1f)NOTE: :1s 5.1.1f)NOTE: :2s
	15.2.2B. M&O implements by:	YMSCO YAP-15.1Q	0 ICN#1	(verified) 5.1.1e)
	15.2.3A. M&O implements by:	YMSCO YAP-15.1Q	0 ICN#1	(verified) 5.1.1e)
	15.2.3B. M&O implements by:	YMSCO YAP-15.1Q	0 ICN#1	(verified) 5.1.1f)
	15.2.4A. M&O implements by:	YMSCO YAP-15.1Q	0 ICN#1	(verified) 5.2.2c)

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	15.2.4B.					
	M&O implements by:	YMSCO	YAP-15.1Q	0 ICN#1		(verified) 6.1.3 :2s
	15.2.4C.					
	M&O implements by:	YMSCO	YAP-15.1Q	0 ICN#1		(verified) 6.1.3 :1s
	15.2.4C.1.					
	M&O implements by:	YMSCO	YAP-15.1Q	0 ICN#1		(verified) 6.1.5 :2s
	15.2.4C.2.					
	M&O implements by:	YMSCO	YAP-15.1Q	0 ICN#1		(verified) 6.1.7 :1s 6.1.7 :2s
	15.2.4D. :1s					
	M&O implements by:	YMSCO	YAP-15.1Q	0 ICN#1		(verified) 6.1.4
	15.2.4D. :2s					
	M&O implements by:	YMSCO	YAP-15.1Q	0 ICN#1		(verified) 6.1.4
	15.2.5					
	M&O implements by:	M&O	QAP-2-4	04		(verified) 5.1.2.A.3
	16.2.1					
	M&O implements by:	M&O	QAP-16-1	01		(verified) 3.2 5.1
	16.2.2A.					
	M&O implements by:	M&O	QAP-16-1	01		(verified) 5.3.3 5.3.4 5.5 5.6
	16.2.2B.1.					
	M&O implements by:	M&O	QAP-16-1	01		(verified) 5.3.3

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Requirement status	Requirement id	Implementing document owner document id		Rev & Chg/ Effective	Implementation status requirement
	16.2.2B.1. M&O implements by:	M&O	QAP-16-1	01	(verified) ATT I.5
	16.2.2B.2. M&O implements by:	M&O	QAP-16-1	01	(verified) 5.3.3 ATT I.5 ATT III
	16.2.3A. M&O implements by:	M&O	QAP-16-1	01	(verified) 5.1 5.2 5.3.7 5.7.1
	16.2.3B. M&O implements by:	M&O	QAP-16-1	01	(verified) 5.5.1
	16.2.3C. M&O implements by:	M&O	QAP-16-1	01	(verified) 5.5.1 5.5.2
	16.2.3D. M&O implements by:	M&O	QAP-16-1	01	(verified) 5.5.1
	16.2.4A. M&O implements by:	M&O	QAP-16-1	01	(verified) 5.5.1 ATT III
	16.2.4B. M&O implements by:	M&O	QAP-16-1	01	(verified) 5.1 5.2 5.3.7 5.7.1
	16.2.4C. M&O implements by:	M&O	QAP-16-1	01	(verified) 5.3.4

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Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
	16.2.4C.1. M&O implements by:	M&O QAP-16-2	02	(verified) 5.1 5.1.1
	16.2.4C.2. M&O implements by:	M&O QAP-16-2	02	(verified) 5.2 5.3
	16.2.4D. M&O implements by:	M&O QAP-16-1	01	(verified) 5.6.1
	16.2.4E. :1s M&O implements by:	M&O QAP-16-1	01	(verified) 5.6.1 5.6.6
	16.2.4E. :2s M&O implements by:	M&O QAP-16-1	01	(verified) 5.6.3 5.6.6
	16.2.4F. M&O implements by:	M&O QAP-16-1	01	(verified) 5.6.2 5.6.5
	16.2.5 M&O implements by:	M&O QAP-16-1	01	(verified) 5.5.3 5.5.4 5.6.7 5.6.8
	16.2.6A. M&O implements by:	M&O QAP-2-4	04	(verified) 3.3
	16.2.6B. M&O implements by:	M&O QAP-16-1 QAP-2-4	01 04	(verified) 5.6.3 5.1.2.A.1

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	16.2.6B. M&O implements by:	M&O	QAP-2-4	04	(verified) 5.1.2.A.3
	16.2.6C. M&O implements by:	M&O	QAP-2-4	04	(verified) 5.1.2
	16.2.6D. M&O implements by:	M&O	QAP-16-1 QAP-2-4	01 04	(verified) 5.3.7 5.1.2.F 5.1.3.1.D 5.1.3.2.C
	17.2.1 M&O implements by:	M&O	QAP-5-1	03	(verified) 5.3.2.b ATT IV.6
	17.2.1A.1. M&O implements by:	M&O	QAP-5-1	03	(verified) 5.3.2.b ATT IV.6.1.A
	17.2.1A.2. M&O implements by:	M&O	QAP-5-1	03	(verified) 5.3.2.b ATT IV.6.1.A
	17.2.1A.3. M&O implements by:	M&O	QAP-5-1	03	(verified) 5.3.2.b ATT IV.6.1.A
	17.2.1A.4. M&O implements by:	M&O	QAP-5-1	03	(verified) 5.3.2.b ATT IV.6.1.B
	17.2.1A.5. M&O implements by:	M&O	QAP-5-1	03	(verified) 5.3.2.b ATT IV.6.1.A

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	17.2.1A.6. M&O implements by:	M&O QAP-5-1	03	(verified) 5.3.2.b ATT IV.6.1.C
	17.2.1A.7. M&O implements by:	M&O QAP-5-1	03	(verified) 5.3.2.b ATT IV.6.1.D
	17.2.1B. M&O implements by:	M&O QAP-5-1	03	(verified) 5.3.2.b ATT IV.6.2
	17.2.2A.1. M&O implements by:	M&O QAP-5-1	03	(verified) 5.3.2.b ATT IV.6
	17.2.2A.2. M&O implements by:	M&O QAP-5-1	03	(verified) 5.3.2.b ATT IV.5 :2p
	17.2.2B. M&O implements by:	M&O QAP-17-1	03 P04	(verified) 3.2 5.1 5.1.8 5.11.2
	17.2.2C. M&O implements by:	M&O QAP-17-1	03 P04	(verified) 5.3
	17.2.2D. :1s M&O implements by:	M&O QAP-17-1	03 P04	(verified) 5.1.8 5.1.8.A 5.1.8.B 5.1.8 NOTE
	17.2.2D. :2s M&O implements by:	M&O QAP-17-1	03 P04	(verified) 5.1.8.B

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	17.2.2E. M&O implements by:	M&O QAP-17-1	03 P04	(verified) 5.4.3.F
	17.2.3A. M&O implements by:	M&O NLP-17-1	02 P01	(verified) 5.1.1 5.1.5 5.1.9
		NLP-17-4 QAP-17-2	1 01 P02	5.2.1 5.1.1
	17.2.3B. M&O implements by:	M&O QAP-17-2	01 P02	(verified) 5.1.3 5.1.4
	17.2.3C. M&O implements by:	M&O NLP-17-1	02 P01	(verified) 5.1.1.2 5.1.2.1.d 5.1.3 5.1.6
		NLP-17-4 QAP-17-1	1 03 P04	5.7.1 5.1 5.1.1 5.1.2 5.1.3 5.1.4 5.1.5 5.1.6 5.1.7 5.1.8 5.1.9 5.1.10
		YMSCO QAP-17-2 YAP-17.1Q	01 P02 0	5.5.1 5.3.3a) 6) 5.4.1a) 5.4.1a) NOTE: :1s 5.4.1a) NOTE: :2s 5.4.1a) NOTE: :3s
	17.2.3D. M&O implements by:	M&O NLP-17-1	02 P01	(verified) 5.1.1.2

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	17.2.3D. M&O implements by:	M&O NLP-17-1 QAP-17-2	02 P01 01 P02	(verified) 5.1.4 5.1.2
	17.2.3E. :1s M&O implements by:	M&O QAP-17-5	01 P01	(verified) 1.0 5.3
	17.2.3E. :2s1. M&O implements by:	M&O QAP-17-5	01 P01	(verified) 5.3.B
	17.2.3E. :2s2. M&O implements by:	M&O QAP-17-5	01 P01	(verified) 5.3.D
	17.2.3E. :2s3. M&O implements by:	M&O QAP-17-5	01 P01	(verified) 5.3.F
	17.2.3F. M&O implements by:	M&O QAP-17-2	01 P02	(verified) 5.1.2 5.1.4
	17.2.4A. M&O implements by:	M&O NLP-17-1 QAP-17-1	02 P01 03 P04	(verified) 5.1.2.1.e 5.8.1
	17.2.4B. M&O implements by:	M&O NLP-17-1 QAP-17-1	02 P01 03 P04	(verified) 5.1.2.1.c 5.1.2.1.d 5.8.2
	17.2.5A.1. M&O implements by:	M&O QAP-17-6 VLP-17-8	02 00 01	(verified) 5.3 5.2
	17.2.5A.2. M&O implements by:	M&O NLP-17-5	02	(verified) 5.3

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	17.2.5A.2. M&O implements by:	M&O QAP-17-2	01 P02	(verified) 5.2.1
		QAP-17-6	02	5.2.2
		VLP-17-8	00 01	5.1.1 5.1.2 5.4
	17.2.5A.3. M&O implements by:	M&O QAP-17-5	01 P01	(verified) 5.2.2
		VLP-17-8	00 01	5.3.1
	17.2.5A.4. M&O implements by:	M&O NLP-17-5	02	(verified) 5.3.3
		QAP-17-6	02	5.6.2
		VLP-17-8	00 01	5.3.1
	17.2.5A.5. M&O implements by:	M&O QAP-17-1	03 P04	(verified) 5.1
				5.1.1
				5.1.2
				5.1.3
				5.1.4
				5.1.5
				5.1.6
				5.1.7
				5.1.8
				5.1.9
				5.1.10
		QAP-17-2	01 P02	5.5.1
		QAP-17-6	02	5.9
		VLP-17-8	00 01	5.10 5.5
	17.2.5A.6. M&O implements by:	M&O QAP-17-6	02	(verified) 5.4
		VLP-17-8	00 01	5.6.1 5.6.2 5.7.1
	17.2.5A.7. M&O implements by:	M&O QAP-17-5	01 P01	(verified) 5.5

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	I.2.8A. M&O implements by:	M&O QAP-19-2	03 P01	(verified) 5.3.1 5.3.2 5.3.3 5.4.2.3.B 5.5 5.5.1 5.5.2
	I.2.8B.1. M&O implements by:	M&O QAP-19-2	03 P01	(verified) 5.3.1 5.3.3 5.4.2.2.B 5.4.2.2.C 5.5.1 5.5.2
	I.2.8B.2. M&O implements by:	M&O QAP-19-2	03 P01	(verified) 5.4.2.2.D 5.5.2
	I.2.8B.3. M&O implements by:	M&O QAP-19-2	03 P01	(verified) 5.1.4 5.1.5 5.3.1 5.3.2 5.3.2.1 5.3.2.2 5.3.2.3 5.4.2.2.C 5.4.2.2.E 5.5
	I.2.8B.4. M&O implements by:	M&O QAP-19-2	03 P01	(verified) 5.4.2.2.D
	I.2.8C. M&O implements by:	M&O QAP-19-2	03 P01	(verified) 5.4.2.2.D

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	I.2.8C. M&O implements by:	M&O QAP-19-2	03 P01	(verified) 5.5.1 5.5.2 5.5.2.4 ATT I.F
		QAP-4-1	02 P02	
	I.2.9 M&O implements by:	M&O QAP-19-2	03 P01	(verified) 5.4.1.2.C 5.6 5.6.1 5.6.2
	I.2.10A. M&O implements by:	M&O QAP-19-4	01 P03	(verified) 5.8 5.8.2.7 5.1.3.B ATT I.9
		QAP-3-9	04	
	I.2.10B. M&O implements by:	M&O QAP-19-4	01 P03	(verified) 5.8.3 5.1.3.B ATT I.9
		QAP-3-9	04	
	I.2.10C. M&O implements by:	M&O QAP-19-4	01 P03	(verified) 5.8.1.C 5.8.2.8 5.8.2.9 5.1.3.B ATT I.9
		QAP-3-9	04	
	II.2.1A. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	II.2.1B. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	II.2.1C. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A

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	II.2.2A. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	II.2.2B. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	II.2.3A. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	II.2.3B. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	II.2.3C. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	II.2.3D. :1s M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	II.2.3D. :2s M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	II.2.3E.1. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	II.2.3E.2. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	II.2.3E.3. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	II.2.3E.4. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A
	II.2.4A. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A

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	II.2.4B. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	II.2.4C. :1s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	II.2.4C. :2s1. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	II.2.4C. :2s2. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	II.2.4C. :2s3. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	II.2.5 M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	II.2.6A. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	II.2.6B. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	II.2.6C. :1s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	II.2.6C. :2s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	II.2.6D. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	II.2.6E. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A

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	II.2.6E.1. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	II.2.6E.2. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	II.2.7A. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	II.2.7B. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	III.2.1A. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	III.2.1B. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	III.2.1C. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	III.2.1D. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	III.2.2A. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	III.2.2B.1. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	III.2.2B.2. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	III.2.2B.3. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	

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	III.2.2B.4. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	III.2.2B.5. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	III.2.2C. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	III.2.2D. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	III.2.3A. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	III.2.3B. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	III.2.4A.1. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	III.2.4A.2. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	III.2.4A.3. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	III.2.4B. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	III.2.4C. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	III.2.4D.1.a. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A

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	III.2.4D.1.b. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	III.2.4D.1.c. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	III.2.4D.1.d. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	III.2.4D.2. :1s M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	III.2.4D.2. :2sa. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	III.2.4D.2. :2sb. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	III.2.4D.3.a. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	III.2.4D.3.b. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	III.2.5A. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	III.2.5B. M&O implements by:	M&O	N/A	N/A N/A	(verified) N/A	
	III.2.6A. M&O implements by:	M&O	QAP-19-3	02	(verified) 5.1 5.6	

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	III.2.6B. :1s M&O implements by:	M&O QAP-19-3	02	(verified) 5.1 5.5
	III.2.6B. :2s M&O implements by:	M&O QAP-19-3	02	(verified) 5.1
	IV.2.1A. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	IV.2.1B. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	IV.2.2 M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	A.2.1 M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	A.2.2A.1. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	A.2.2A.2.a. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	A.2.2A.2.b. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	A.2.2A.2.c. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	A.2.2B.1. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A

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	A.2.2B.2.a. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	A.2.2B.2.b. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	A.2.2B.2.c. M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	B.2 M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	B.2.1A. :1s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	B.2.1A. :2s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 SUB.H 71.101(b) :1s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 SUB.H 71.101(b) :2s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 SUB.H 71.101(c) :1s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 SUB.H 71.101(c) :2s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 SUB.H 71.101(d) :1stthru2s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 SUB.H 71.101(e) :1stthru2s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A

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	(Inc. by ref.) OQA 10CFR71 M&O implements by:	SUB.H 71.101(f) :1s M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 M&O implements by:	SUB.H 71.101(f) :2s M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 M&O implements by:	SUB.H 71.101(f) :3s M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 M&O implements by:	SUB.H 71.103 :1s M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 M&O implements by:	SUB.H 71.103 :2s M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 M&O implements by:	SUB.H 71.103 :3s M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 M&O implements by:	SUB.H 71.103 :5s(a) M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 M&O implements by:	SUB.H 71.103 :5s(b) M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 M&O implements by:	SUB.H 71.103 :6s M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 M&O implements by:	SUB.H 71.103 :7s M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 M&O implements by:	SUB.H 71.103 :8s M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 M&O implements by:	SUB.H 71.103 :9s M&O N/A	N/A N/A	(verified) N/A

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	(Inc. by ref.) OQA 10CFR71 SUB.H 71.105(a) :1s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 SUB.H 71.105(a) :2s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 SUB.H 71.105(a) :3s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 SUB.H 71.105(b) :1s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 SUB.H 71.105(b) :2sthru3s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 SUB.H 71.105(b) :4s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 SUB.H 71.105(c) (1) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 SUB.H 71.105(c) (2) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 SUB.H 71.105(c) (3) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 SUB.H 71.105(c) (4) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 SUB.H 71.105(c) (5) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 SUB.H 71.105(d) :1s M&O implements by:	M&O N/A	N/A N/A	(verified) N/A

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Requirements Traceability Network
Requirements Matrix Report
Document owner, id: OQA, DOE/RW-0333P QARD
Revision & Change: 1

Version: 2.1
(rt007rpt)

Group Name:

Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.105(d) :2s	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.105(d) :3s	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.107(a) :1s	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.107(a) :3s	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.107(b) :1s	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.107(b) :3s	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.107(b) :4s	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.107(b) :5s	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.107(b) :6s	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.107(c) :1s	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.107(c) :2s	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.109 :1s	M&O N/A	N/A N/A	(verified) N/A

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Requirements Traceability Network
Requirements Matrix Report
Document owner, id: OQA, DOE/RW-0333P QARD
Revision & Change: 1

Version: 2.1
(rt007rpt)

Group Name:

Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
	(Inc. by ref.) OQA 10CFR71 M&O implements by:	SUB.H 71.109 :2s M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 M&O implements by:	SUB.H 71.111 :1s M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 M&O implements by:	SUB.H 71.111 :2s M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 M&O implements by:	SUB.H 71.113 :1s M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 M&O implements by:	SUB.H 71.115(a) :1s M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 M&O implements by:	SUB.H 71.115(b) :1s M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 M&O implements by:	SUB.H 71.115(b) :2s M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 M&O implements by:	SUB.H 71.115(b) :3s M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 M&O implements by:	SUB.H 71.115(c) M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 M&O implements by:	SUB.H 71.117 :1s M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 M&O implements by:	SUB.H 71.117 :2s M&O N/A	N/A N/A	(verified) N/A
	(Inc. by ref.) OQA 10CFR71 M&O implements by:	SUB.H 71.117 :3s M&O N/A	N/A N/A	(verified) N/A

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Requirements Traceability Network
Requirements Matrix Report
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Revision & Change: 1

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Group Name:

Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.119	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.121 :1s	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.121 :2s	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.121 :3s	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.121 :4s	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.121 :5s	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.121 :6s	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.123 :1s	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.123 :2s	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.123 :3s	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.125	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.127 :1s	M&O N/A	N/A N/A	(verified) N/A

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Requirements Traceability Network
Requirements Matrix Report
Document owner, id: OQA, DOE/RW-0333P QARD
Revision & Change: 1

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Group Name:

Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.127 :2s	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.129(a) :1s	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.129(a) :2s	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.129(b)	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.131 :1s	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.131 :2s	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.131 :3s	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.133 :1s	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.133 :2s	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.133 :3s	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.135 :1s	M&O N/A	N/A N/A	(verified) N/A
(Inc. by ref.) OQA M&O implements by:	10CFR71 SUB.H 71.135 :2s	M&O N/A	N/A N/A	(verified) N/A

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Requirements Traceability Network
Requirements Matrix Report
Document owner, id: OQA, DOE/RW-0333P QARD
Revision & Change: 1

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Requirement status	Requirement id	Implementing document owner	document id	Rev & Chg/ Effective	Implementation status	requirement
	(Inc. by ref.) OQA	10CFR71	SUB.H 71.135 :3s			(verified)
	M&O implements by:	M&O	N/A	N/A	N/A	N/A
	(Inc. by ref.) OQA	10CFR71	SUB.H 71.135 :4s			(verified)
	M&O implements by:	M&O	N/A	N/A	N/A	N/A
	(Inc. by ref.) OQA	10CFR71	SUB.H 71.135 :5s			(verified)
	M&O implements by:	M&O	N/A	N/A	N/A	N/A
	(Inc. by ref.) OQA	10CFR71	SUB.H 71.137 :1s			(verified)
	M&O implements by:	M&O	N/A	N/A	N/A	N/A
	(Inc. by ref.) OQA	10CFR71	SUB.H 71.137 :2s			(verified)
	M&O implements by:	M&O	N/A	N/A	N/A	N/A
	(Inc. by ref.) OQA	10CFR71	SUB.H 71.137 :3s			(verified)
	M&O implements by:	M&O	N/A	N/A	N/A	N/A
	(Inc. by ref.) OQA	10CFR71	SUB.H 71.137 :4s			(verified)
	M&O implements by:	M&O	N/A	N/A	N/A	N/A
	B.2.1B.					(verified)
	M&O implements by:	M&O	N/A	N/A	N/A	N/A
	C.2.1					(verified)
	M&O implements by:	M&O	N/A	N/A	N/A	N/A
	C.2.2					(verified)
	M&O implements by:	YMSCO	YAP-15.1Q	0	ICN#1	2.0 :1s 2.0 :2s

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Implementation stat. & verif.	Implmtr id	Implementing requirement id	Owner id	Document id	Req. Rev & Chg/ stat Effective	Requirement id
y	M&O	N/A	OQA	DOE/RW-0333P QARD	1	APPROVAL PAGE (NOT A REQUIREMENT) POLICY STATEMENT (NOT A REQUIREMENT) INTRODUCTION :1p2s (NOT A REQUIREMENT) INTRODUCTION :1p3s (NOT A REQUIREMENT) INTRODUCTION :5p (NOT A REQUIREMENT) FIG.11-1 (NOT A REQUIREMENT) 1.3.1A. :1s (NOT A REQUIREMENT) 1.3.1A. :2s (NOT A REQUIREMENT) 1.3.1A. :3s (NOT A REQUIREMENT) 1.3.1A. :4s (NOT A REQUIREMENT) 1.3.1B. (NOT A REQUIREMENT) 1.3.1B.1. (NOT A REQUIREMENT) 1.3.1B.2. (NOT A REQUIREMENT) 1.3.2A. (NOT A REQUIREMENT) 1.3.2B.1. :1s (NOT A REQUIREMENT) 1.3.2B.1. :2s (NOT A REQUIREMENT) 1.3.2B.1. :3s (NOT A REQUIREMENT) 1.3.2B.2. (NOT A REQUIREMENT) 1.3.2C. :1s (NOT A REQUIREMENT) 1.3.2C. :2s (NOT A REQUIREMENT) 1.3.2D. (NOT A REQUIREMENT) 1.3.2E. :1s (NOT A REQUIREMENT) 1.3.2E. :2s (NOT A REQUIREMENT) 1.3.2F. :1s (NOT A REQUIREMENT) 1.3.2F. :2s (NOT A REQUIREMENT) 1.3.3A.1. :1s (NOT A REQUIREMENT) 1.3.3A.1. :2s (NOT A REQUIREMENT) 1.3.3A.1. :3s (NOT A REQUIREMENT) 1.3.3A.1.a. (NOT A REQUIREMENT) 1.3.3A.1.b. (NOT A REQUIREMENT) 1.3.3A.2. :1s (NOT A REQUIREMENT) 1.3.3A.2. :2s (NOT A REQUIREMENT) 1.3.3A.2. :3sa. (NOT A REQUIREMENT) 1.3.3A.2. :3sb. (NOT A REQUIREMENT)
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Implementation stat. & verif.	Implmtr id	Implementing requirement id	Owner id	Document id	Req. Rev & Chg/ stat Effective	Requirement id
y	M&O	N/A	OQA	DOE/RW-0333P QARD	1	1.3.3A.2. :3sc. (NOT A REQUIREME NT) 1.3.3B. :1s (NOT A REQUIREMENT) 1.3.3B. :2s (NOT A REQUIREMENT) 1.3.3B. :3s (NOT A REQUIREMENT) 1.3.3C. (NOT A REQUIREMENT) 1.3.3D. (NOT A REQUIREMENT) 2.2.1 (NOT A REQUIREMENT) 2.2.3E. 6.2.6D. :2s 6.2.7 6.2.7A. :1s 6.2.7A. :2s 6.2.7B. 6.2.7B.1. 6.2.7B.2. 6.2.7B.3. 8.2.1A. 8.2.1B. 8.2.2A. :1s 8.2.2A. :2s 8.2.2B.1. 8.2.2B.2. 8.2.2B.3. 8.2.2B.4. 8.2.3A. 8.2.3B. 8.2.4A. 8.2.4B. 8.2.4C. :1s 8.2.4C. :2s1. 8.2.4C. :2s2. 8.2.4C. :2s3. 9.2.1A. 9.2.1B.1. 9.2.1B.2. 9.2.1B.3. 9.2.1C. 9.2.2 :1s 9.2.2 :2sA. 9.2.2 :2sB.1s 9.2.2. :2sB.2s 9.2.2 :2sC. 9.2.3A. 9.2.3B. 9.2.3C. 10.2.1A.

~ = Not yet accepted

Implementation stat. & verif.	Implmtr id	Implementing requirement id	Owner id	Document id	Req. Rev & Chg/ stat Effective	Requirement id
y	M&O	N/A	OQA	DOE/RW-0333P QARD	1	10.2.1B. 10.2.1C. 10.2.1D. 10.2.1E. 10.2.1F. 10.2.1G. 10.2.1H. 10.2.1I. 10.2.2A. 10.2.2B. 10.2.2C. :1s 10.2.2C. :2s 10.2.3A. 10.2.3B. 10.2.4. 10.2.5A. :1s 10.2.5A. :2s 10.2.5B. 10.2.5C. 10.2.5D. 10.2.6A. 10.2.6B. 10.2.6C. 10.2.6D. 10.2.7A. 10.2.7B. 10.2.8A. 10.2.8B. 10.2.8C. 10.2.8D. 10.2.8E. 10.2.8F. 10.2.8G. 10.2.8H. 10.2.8I. 10.2.9A. :1s 10.2.9A. :2s 10.2.9B. :1s 10.2.9B. :2s 10.2.9C.1. 10.2.9C.2. 10.2.9C.3. 10.2.9C.3.a. 10.2.9C.3.b. 10.2.9D. :1s 10.2.9D. :2s 10.2.9D.1.

~ = Not yet accepted

Implementation stat. & verif.	Implmtr id	Implementing requirement id	Owner id	Document id	Req. Rev & Chg/ stat Effective	Requirement id
y	M&O	N/A	OQA	DOE/RW-0333P QARD	1	10.2.9D.2. :1s 10.2.9D.2. :2sa. 10.2.9D.2. :2sb. 10.2.9D.2. :2sc. 10.2.9D.2. :2sd. 10.2.9D.2. :2se. 10.2.9D.3. :1s 10.2.9D.3. :2s 10.2.9E. :1s 10.2.9E. :2s 10.2.9E.1.a. 10.2.9E.1.b. 10.2.9E.1.c. 10.2.9E.2.a. 10.2.9E.2.b. 10.2.9E.2.c. 10.2.9E.2.d. 10.2.9E.3.a. 10.2.9E.3.b. 10.2.9E.3.c. 10.2.9E.3.d. 10.2.9F. 10.2.9G. :1s 10.2.9G. :2s1. 10.2.9G. :2s2. 10.2.9G. :2s3. 10.2.9G. :2s4. 10.2.9G. :2s5. 10.2.9G. :2s6. 10.2.9G. :2s7. 10.2.9G. :2s8. 10.2.9H.1. 10.2.9H.1.a. 10.2.9H.1.b. 10.2.9H.2. 10.2.9I.1. :1s 10.2.9I.1. :2s 10.2.9I.2.a. :1s 10.2.9I.2.a. :2s 10.2.9I.2.b. :1s 10.2.9I.2.b. :2s 10.2.9I.2.c. 10.2.9I.2.d. :1s 10.2.9I.2.d. :2s 11.1 :2p 11.1 :3p 11.2.1A.

~ = Not yet accepted

Implementation stat. & verif.	Implmtr id	Implementing requirement id	Owner id	Document id	Req. Rev & Chg/ stat Effective	Requirement id
y	M&O	N/A	OQA	DOE/RW-0333P QARD	1	11.2.1B. 11.2.1C. 11.2.1D. 11.2.1E. 11.2.1F. 11.2.1G. 11.2.1H. 11.2.1I. 11.2.2A. 11.2.2B. 11.2.2C. 11.2.2D. 11.2.2E. :1s 11.2.2E. :2s 11.2.3A. :1s 11.2.3A. :2s 11.2.3B. 11.2.4A. 11.2.4B. 11.2.5A. 11.2.5B. 11.2.5C. 11.2.5D. 11.2.5E. 11.2.5F. 11.2.5G. 11.2.5H. 11.2.5I. 11.2.6 13.2.1A. 13.2.1B. 13.2.2A. 13.2.2B. 13.2.2C. 13.2.2D. 13.2.2E. 13.2.3A. 13.2.3B. 14.2.1A. 14.2.1B. 14.2.2A. 14.2.2B. 14.2.2C. 14.2.2D. 14.2.2E. 17.2.8C. I.1 (NOT A REQUIREMENT)

~ = Not yet accepted

Implementation stat. & verif.	Implmtr id	Implementing requirement id	Owner id	Document id	Req. Rev & Chg/ stat Effective	Requirement id
y	M&O	N/A	OQA	DOE/RW-0333P QARD	1	II.2.1A. II.2.1B. II.2.1C. II.2.2A. II.2.2B. II.2.3A. II.2.3B. II.2.3C. II.2.3D. :1s II.2.3D. :2s II.2.3E.1. II.2.3E.2. II.2.3E.3. II.2.3E.4. II.2.4A. II.2.4B. II.2.4C. :1s II.2.4C. :2s1. II.2.4C. :2s2. II.2.4C. :2s3. II.2.5 II.2.6A. II.2.6B. II.2.6C. :1s II.2.6C. :2s II.2.6D. II.2.6E. II.2.6E.1. II.2.6E.2. II.2.7A. II.2.7B. III.2.1A. III.2.1B. III.2.1C. III.2.1D. III.2.2A. III.2.2B.1. III.2.2B.2. III.2.2B.3. III.2.2B.4. III.2.2B.5. III.2.2C. III.2.2D. III.2.3A. III.2.3B. III.2.4A.1. III.2.4A.2.

Implementation stat. & verif.	Implmtr id	Implementing requirement id	Owner id	Document id	Req. Rev & Chg/ stat Effective	Requirement id
y	M&O	N/A	OQA	DOE/RW-0333P QARD	1	III.2.4A.3. III.2.4B. III.2.4C. III.2.4D.1.a. III.2.4D.1.b. III.2.4D.1.c. III.2.4D.1.d. III.2.4D.2. :1s III.2.4D.2. :2sa. III.2.4D.2. :2sb. III.2.4D.3.a. III.2.4D.3.b. III.2.5A. III.2.5B. IV.2.1A. IV.2.1B. IV.2.2 A.2.1 A.2.2A.1. A.2.2A.2.a. A.2.2A.2.b. A.2.2A.2.c. A.2.2B.1. A.2.2B.2.a. A.2.2B.2.b. A.2.2B.2.c. B.2 B.2.1A. :1s B.2.1A. :2s B.2.1B. C.2.1

Group Name:

Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
	17.2.5A.7. M&O implements by:	M&O QAP-17-6 VLP-17-8	02 00 01	(verified) 5.10 5.7.1 5.7.2
	17.2.5B.1. M&O implements by:	M&O NLP-17-5 VLP-17-8	02 00 01	(verified) 5.1.4 5.1.2
	17.2.5B.2. M&O implements by:	M&O NLP-17-5 QAP-17-6 VLP-17-8	02 02 00 01	(verified) 5.1.5 5.3 5.1.2 5.1.7 5.4
	17.2.5B.3. M&O implements by:	M&O NLP-17-5 QAP-17-6 VLP-17-8	02 02 00 01	(verified) 5.1.4 5.6.1 5.1.2
	17.2.5B.4. M&O implements by:	M&O NLP-17-5 QAP-17-6 VLP-17-8	02 02 00 01	(verified) 5.2.2 5.4.1 5.1.4 5.6.1 5.6.2
	17.2.6A. M&O implements by:	M&O NLP-17-5 QAP-17-6 VLP-17-8	02 02 00 01	(verified) 5.8 5.4.3 5.7
	17.2.6B. :1s M&O implements by:	M&O NLP-17-5 QAP-17-6	02 02	(verified) 5.8.1 5.7.1 5.4.1

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	17.2.6B. :1s M&O implements by:	M&O VLP-17-8	00 01	(verified) 5.6.1 5.6.2 5.7.1
	17.2.6B. :2s M&O implements by:	M&O NLP-17-5	02	(verified) 5.8.1
		QAP-17-2	01 P02	5.7.1
		QAP-17-6	02	5.10.1
		VLP-17-8	00 01	5.4.1 5.4.2 5.6.1 5.6.2 5.6.3
	17.2.7A. M&O implements by:	M&O QAP-17-6 VLP-17-8	02 00 01	(verified) 5.10 5.1.8
	17.2.7B. :1s M&O implements by:	M&O QAP-17-6 VLP-17-8	02 00 01	(verified) 5.10 5.1.8
	17.2.7B. :2s1. M&O implements by:	M&O QAP-17-6 VLP-17-8	02 00 01	(verified) 5.10 5.1.8
	17.2.7B. :2s2. M&O implements by:	M&O QAP-17-6 VLP-17-8	02 00 01	(verified) 5.10 5.1.8
	17.2.7B. :2s3. M&O implements by:	M&O QAP-17-6 VLP-17-8	02 00 01	(verified) 5.10 5.1.8
	17.2.8A. :1s M&O implements by:	M&O QAP-17-1	03 P04	(verified) 5.4.2

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	17.2.8A. :1s M&O implements by:	M&O	QAP-17-1	03	P04	(verified) 5.4.3.A
	17.2.8A. :2s M&O implements by:	M&O	QAP-17-1	03	P04	(verified) 5.4.3.A
	17.2.8B. M&O implements by:	M&O	QAP-17-2	01	P02	(verified) 5.1.2
	17.2.8C. M&O implements by:	M&O	N/A	N/A	N/A	(verified) N/A
	17.2.9A.1. M&O implements by:	M&O	QAP-17-6	02		(verified) 5.3.1.A
			VLP-17-8	00	01	5.3.2 5.2.1.A 5.2.2
	17.2.9A.2. :1s M&O implements by:	M&O	QAP-17-6	02		(verified) 5.3.1.B
			VLP-17-8	00	01	5.3.2 5.2.1.B 5.2.2
	17.2.9A.2. :2s M&O implements by:	M&O	QAP-17-6	02		(verified) 5.3.1.B
			VLP-17-8	00	01	5.3.2 5.2.1.B 5.2.2
	17.2.9A.3. M&O implements by:	M&O	QAP-17-6	02		(verified) 5.3.1.C
			VLP-17-8	00	01	5.3.2 5.2.1.C 5.2.2
	17.2.9A.4. M&O implements by:	M&O	QAP-17-6	02		(verified) 5.3.1.D

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	17.2.9A.4. M&O implements by:	M&O QAP-17-6 VLP-17-8	02 00 01	(verified) 5.3.2 5.2.1.D 5.2.2
	17.2.9A.5. M&O implements by:	M&O QAP-17-6 VLP-17-8	02 00 01	(verified) 5.3.1.E 5.3.2 5.2.1.E 5.2.2
	17.2.9A.6. M&O implements by:	M&O QAP-17-6 VLP-17-8	02 00 01	(verified) 5.3.1.F 5.3.2 5.2.1.F 5.2.2
	17.2.9A.7. M&O implements by:	M&O QAP-17-6 VLP-17-8	02 00 01	(verified) 5.3.1.G 5.3.2 5.2.1.G 5.2.2
	17.2.9A.8. M&O implements by:	M&O QAP-17-6 VLP-17-8	02 00 01	(verified) 5.3.1.H 5.3.2 5.2.1.H 5.2.2
	17.2.9A.9. :1s M&O implements by:	M&O QAP-17-6 VLP-17-8	02 00 01	(verified) 5.3.1.I 5.3.2 5.2.1.I 5.2.2
	17.2.9A.9. :2s M&O implements by:	M&O QAP-17-6	02	(verified) 5.3.1.I

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	17.2.9A.9. :2s M&O implements by:	M&O QAP-17-6 VLP-17-8	02 00 01	(verified) 5.3.2 5.2.1.I 5.2.2
	17.2.9B. M&O implements by:	M&O NLP-17-5 QAP-17-6 VLP-17-8	02 02 00 01	(verified) 5.1.4 5.3 5.1.2 5.2
	17.2.9C. M&O implements by:	M&O QAP-17-6 VLP-17-8	02 00 01	(verified) 5.3.1.J 5.3.2 5.2.1.J 5.2.2
	17.2.9D. M&O implements by:	M&O QAP-17-6 VLP-17-8	02 00 01	(verified) 5.3.1.K 5.3.2 5.2.1.K 5.2.2
	17.2.10A. M&O implements by:	M&O NLP-17-1 QAP-17-2 QAP-17-6	02 P01 01 P02 02	(verified) 5.1.8.1 5.1.4 5.2.3 5.2.4
	17.2.10B. M&O implements by:	M&O NLP-17-1 QAP-17-2 QAP-17-6	02 P01 01 P02 02	(verified) 5.1.8.1 5.1.4 5.2.4
	17.2.10C. M&O implements by:	M&O NLP-17-1 QAP-17-2	02 P01 01 P02	(verified) 5.1.8.1 5.2

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	17.2.10C.					
	M&O implements by:	M&O	QAP-17-2 QAP-17-6	01 P02 02		(verified) 5.2.4 5.2.2
	17.2.11					
	M&O implements by:	M&O	QAP-17-1 QAP-17-2 QAP-17-6 VLP-17-8	03 P04 01 P02 02 00 01		(verified) 5.11 5.1.5 5.1.6 5.9 5.5
	18.2.1A.					
	M&O implements by:	M&O	QAP-18-2	03		(verified) 5.3.1.A
	18.2.1B.					
	M&O implements by:	M&O	QAP-18-2	03		(verified) 5.3.1.A
	18.2.1C.					
	M&O implements by:	M&O	QAP-18-2	03		(verified) 5.3.1.A
	18.2.1D.					
	M&O implements by:	M&O	QAP-18-2	03		(verified) 5.3.1.D
	18.2.1E.					
	M&O implements by:	M&O	QAP-18-2	03		(verified) 5.3.1.C
	18.2.1F.					
	M&O implements by:	M&O	QAP-18-2	03		(verified) 5.3.1.B
	18.2.2A. :1s					
	M&O implements by:	M&O	QAP-18-2	03		(verified) 5.4.1.A 5.4.1.B
	18.2.2A. :2s					
	M&O implements by:	M&O	QAP-18-2	03		(verified) 5.4.1.A

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	18.2.2A. :2s M&O implements by:	M&O QAP-18-2	03	(verified) 5.4.1.B
	18.2.2B. :1s M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.14.4
	18.2.2B. :2s M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.14.4
	18.2.2C. :1s M&O implements by:	M&O QAP-18-2	03	(verified) 5.4.1.B
	18.2.2C. :2s M&O implements by:	M&O QAP-18-2	03	(verified) 5.4.1.B
	18.2.2D. M&O implements by:	M&O QAP-18-2	03	(verified) 5.4.1.C
	18.2.2E. :1s M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.8.7
	18.2.2E. :2s1. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.8.7.A
	18.2.2E. :2s2. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.8.7.B
	18.2.2E. :2s3. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.8.7.C
	18.2.2E. :2s4. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.8.7.D
	18.2.2F. M&O implements by:	M&O QAP-7-1	02 P01	(verified) 5.8.7

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	18.2.3. M&O implements by:	M&O	QAP-18-2	03	(verified) 5.2
	18.2.4A. :1s M&O implements by:	M&O	QAP-18-2	03	(verified) 5.6.1.B
	18.2.4A. :2s M&O implements by:	M&O	QAP-18-2	03	(verified) 5.6.1.B
	18.2.4A. :3s M&O implements by:	M&O	QAP-18-2	03	(verified) 5.6.1.F
	18.2.4B. M&O implements by:	M&O	QAP-18-2	03	(verified) 5.6.1.B
	18.2.5 :1s M&O implements by:	M&O	QAP-18-2	03	(verified) 5.5.2.C
	18.2.5 :2s M&O implements by:	M&O	QAP-18-2	03	(verified) 5.5.2.C
	18.2.6A. :1s M&O implements by:	M&O	QAP-18-2	03	(verified) 5.5.1 5.5.2.A 5.5.2.B
	18.2.6A. :2s M&O implements by:	M&O	QAP-18-2	03	(verified) 5.5.1 5.5.2.A 5.5.2.B
	18.2.6B. M&O implements by:	M&O	QAP-18-2	03	(verified) 5.5.1 5.5.2.D

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Requirement status	Requirement id	Implementing document owner	document id	Rev & Chg/ Effective	Implementation status	requirement
	18.2.6C.					
	M&O implements by:	M&O	QAP-18-1	02 P02		(verified) 5.2 5.5
			QAP-18-2	03		5.5.1 5.5.2.C
	18.2.6D. :1s					
	M&O implements by:	M&O	QAP-18-2	03		(verified) 5.5.2.B
	18.2.6D. :2s					
	M&O implements by:	M&O	QAP-18-2	03		(verified) 5.5.2.C
	18.2.6E.					
	M&O implements by:	M&O	QAP-18-2	03		(verified) 5.5.2.A
	18.2.6F.					
	M&O implements by:	M&O	QAP-18-2	03		(verified) 5.5.2.C
	18.2.7A.					
	M&O implements by:	M&O	QAP-18-2	03		(verified) 5.6.1.H
	18.2.7B.					
	M&O implements by:	M&O	QAP-18-2	03		(verified) 5.7.1.B
	18.2.7C.					
	M&O implements by:	M&O	QAP-18-2	03		(verified) 5.7.1.B
	18.2.7D.					
	M&O implements by:	M&O	QAP-18-2	03		(verified) 5.7.1.C
	18.2.7E. :1s					
	M&O implements by:	M&O	QAP-18-2	03		(verified) 5.7.2.B 5.8.3.B
	18.2.7E. :2s					
	M&O implements by:	M&O	QAP-18-2	03		(verified) 5.7.2.B

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	18.2.7F. M&O implements by:	M&O	QAP-18-2	03	(verified) 5.8.1.B
	18.2.7G. M&O implements by:	M&O	MGP-15-1 QAP-18-2	0 03	(verified) 5.1 5.8.2.B
	18.2.8 :1s M&O implements by:	M&O	QAP-18-2	03	(verified) 5.8.1.A 5.8.3.B ATT I
	18.2.8 :2sA. M&O implements by:	M&O	QAP-18-2	03	(verified) 5.8.1.A ATT I
	18.2.8 :2sB. M&O implements by:	M&O	QAP-18-2	03	(verified) 5.8.1.A ATT I
	18.2.8 :2sC. M&O implements by:	M&O	QAP-18-2	03	(verified) 5.8.1.A ATT I
	18.2.8 :2sD. M&O implements by:	M&O	QAP-18-2	03	(verified) 5.8.1.A ATT I
	18.2.8 :2sE. M&O implements by:	M&O	QAP-18-2	03	(verified) 5.8.1.A ATT I
	18.2.8 :2sF. M&O implements by:	M&O	QAP-18-2	03	(verified) 5.8.1.A ATT I

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	18.2.9 M&O implements by:	M&O	QAP-18-2	03		(verified) 5.9
	18.2.10 M&O implements by:	M&O	QAP-18-2	03		(verified) 5.9
	18.2.11 M&O implements by:	M&O	QAP-18-2	03		(verified) 5.9
	18.2.12 M&O implements by:	M&O	QAP-18-1	02	P02	(verified) 5.6.1 5.6.2.A
	18.2.13 :1s M&O implements by:	M&O	QAP-18-1	02	P02	(verified) 5.5.1 5.5.2
	18.2.13 :2sA. M&O implements by:	M&O	QAP-18-1	02	P02	(verified) 5.5.1.A
	18.2.13 :2sB. M&O implements by:	M&O	QAP-18-1	02	P02	(verified) 5.5.1.B
	18.2.13 :2sB.1. M&O implements by:	M&O	QAP-18-1	02	P02	(verified) 5.5.1.B.1
	18.2.13 :2sB.2. M&O implements by:	M&O	QAP-18-1	02	P02	(verified) 5.5.1.B.1
	18.2.13 :2sC.1s M&O implements by:	M&O	QAP-18-1	02	P02	(verified) 5.5.1.B.2
	18.2.13 :2sC.2s M&O implements by:	M&O	QAP-18-1	02	P02	(verified) 5.5.1.B.2

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	18.2.14A. M&O implements by:	M&O	QAP-18-1	02 P02	(verified)	5.2.2.A
	18.2.14B. M&O implements by:	M&O	QAP-18-1	02 P02	(verified)	5.2.2.G
	18.2.15A.1. :1s M&O implements by:	M&O	QAP-18-1	02 P02	(verified)	5.2.2.B ATT I.4 ATT II.4
	18.2.15A.1. :2s M&O implements by:	M&O	QAP-18-1	02 P02	(verified)	5.2.2.B ATT I.4 ATT II.4
	18.2.15A.2. :1s M&O implements by:	M&O	QAP-18-1	02 P02	(verified)	5.2.2.B ATT I.4 ATT II.4
	18.2.15A.2. :2s M&O implements by:	M&O	QAP-18-1	02 P02	(verified)	5.2.2.B ATT I.4 ATT II.4
	18.2.15B. M&O implements by:	M&O	QAP-18-1	02 P02	(verified)	5.2.2.B ATT I.5 ATT II.5
	18.2.15B.1. M&O implements by:	M&O	QAP-18-1	02 P02	(verified)	5.2.2.B ATT I.5 ATT II.5
	18.2.15B.2. M&O implements by:	M&O	QAP-18-1	02 P02	(verified)	5.2.2.B

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	18.2.15B.2. M&O implements by:	M&O	QAP-18-1	02 P02		(verified) ATT I.5 ATT II.5
	18.2.15B.3. M&O implements by:	M&O	QAP-18-1	02 P02		(verified) 5.2.2.B ATT I.5 ATT II.5
	18.2.15B.4. M&O implements by:	M&O	QAP-18-1	02 P02		(verified) 5.2.2.B ATT I.5 ATT II.5
	18.2.15B.5. M&O implements by:	M&O	QAP-18-1	02 P02		(verified) 5.2.2.B ATT I.5 ATT II.5
	18.2.15C. M&O implements by:	M&O	QAP-18-1	02 P02		(verified) 5.2.2.B ATT I.6 ATT II.6
	18.2.15D. M&O implements by:	M&O	QAP-18-1	02 P02		(verified) 5.2.2.B ATT I.7 ATT II.7
	18.2.16 :1s M&O implements by:	M&O	QAP-18-1	02 P02		(verified) 5.2.1.B ATT I.8 ATT II.8
	18.2.16 :2s M&O implements by:	M&O	QAP-18-1	02 P02		(verified) 5.2.1.B

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	18.2.16 :2s M&O implements by:	M&O QAP-18-1	02 P02	(verified) ATT I.8 ATT II.8
	18.2.17A. M&O implements by:	M&O QAP-18-1	02 P02	(verified) 5.2.2
	18.2.17B. M&O implements by:	M&O QAP-18-1	02 P02	(verified) 5.2.2.C
	18.2.17B.1. M&O implements by:	M&O QAP-18-1	02 P02	(verified) 5.2.2.C.1
	18.2.17B.2. M&O implements by:	M&O QAP-18-1	02 P02	(verified) 5.2.2.C.2
	18.2.17B.3. :1s M&O implements by:	M&O QAP-18-1	02 P02	(verified) 5.2.2.C.3
	18.2.17B.3. :2s M&O implements by:	M&O QAP-18-1	02 P02	(verified) 5.2.2.C.3
	18.2.17B.4. M&O implements by:	M&O QAP-18-1	02 P02	(verified) 5.2.2.C.4
	18.2.17B.5. M&O implements by:	M&O QAP-18-1	02 P02	(verified) 5.2.2.C.5
	18.2.18 :1s M&O implements by:	M&O QAP-18-1	02 P02	(verified) 5.2.2.E
	18.2.18 :2s M&O implements by:	M&O QAP-18-1	02 P02	(verified) 5.2.2.E

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Revision & Change: 1

Version: 2.1
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Group Name:

Requirement status	Requirement id	Implementing document owner	document id	Rev & Chg/ Effective	Implementation status	requirement
	18.2.19A. :1s M&O implements by:	M&O	QAP-18-1	02 P02	(verified)	5.2.1.F 5.2.2.D
	18.2.19A. :2s M&O implements by:	M&O	QAP-18-1	02 P02	(verified)	5.2.2.D
	18.2.19B. :1s M&O implements by:	M&O	QAP-18-1	02 P02	(verified)	5.1.3
	18.2.19B. :2s1. M&O implements by:	M&O	QAP-18-1	02 P02	(verified)	5.1.3
	18.2.19B. :2s2. M&O implements by:	M&O	QAP-18-1	02 P02	(verified)	5.1.3
	18.2.20 :1s M&O implements by:	M&O	QAP-18-1	02 P02	(verified)	5.2.1 5.2.2.G
	18.2.20 :2sA. M&O implements by:	M&O	QAP-18-1	02 P02	(verified)	5.2.1 5.2.2.B ATT I.3 ATT II.3
	18.2.20 :2sB. M&O implements by:	M&O	QAP-18-1	02 P02	(verified)	5.2.1 5.2.2.B ATT I.1 ATT II.1
	18.2.20 :2sC. M&O implements by:	M&O	QAP-18-1	02 P02	(verified)	5.2.1 5.2.2.B

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Version: 2.1
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Group Name:

Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
	18.2.20 :2sC. M&O implements by:	M&O QAP-18-1	02 P02	(verified) ATT I.2 ATT II.2
	18.2.20 :2sD. M&O implements by:	M&O QAP-18-1	02 P02	(verified) 5.2.1 5.2.2.B ATT I.4 ATT I.5 ATT I.6 ATT I.7 ATT I.8 ATT I.9 ATT II.4 ATT II.5 ATT II.6 ATT II.7 ATT II.8 ATT II.9
	18.2.20 :2sE. M&O implements by:	M&O QAP-18-1	02 P02	(verified) 5.2.1 5.2.2.B ATT I.12 ATT II.12
	18.2.21A.1. M&O implements by:	M&O QAP-18-1	02 P02	(verified) 5.3.1.A
	18.2.21A.2. M&O implements by:	M&O QAP-18-1	02 P02	(verified) 5.3.1.B
	18.2.21A.3. M&O implements by:	M&O QAP-18-1	02 P02	(verified) 5.3.1.C
	18.2.21B. :1s M&O implements by:	M&O QAP-18-1	02 P02	(verified) 5.3.3

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Group Name:

Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
	18.2.21B. :1s M&O implements by:	M&O QAP-18-1	02 P02	(verified) ATT I.13 ATT II.13
	18.2.21B. :2s M&O implements by:	M&O QAP-18-1	02 P02	(verified) 5.3.3 ATT I.13 ATT II.13
	18.2.21B. :3s M&O implements by:	M&O QAP-18-1	02 P02	(verified) 5.3.3 ATT I.13 ATT II.13
	18.2.21C. M&O implements by:	M&O QAP-18-1	02 P02	(verified) 5.4
	I.1 (NOT A REQUIREMENT) M&O implements by:	M&O N/A	N/A N/A	(verified) N/A
	I.2.1A. M&O implements by:	M&O QAP-19-2 QAP-19-4	03 P01 01 P03	(verified) 5.4.1.1 5.4.2.2.F 5.1 5.1.2 5.1.3 5.1.4 5.2 5.2.7 5.3 5.5
	I.2.1A.1. :1s M&O implements by:	M&O QAP-19-2 QAP-19-4	03 P01 01 P03	(verified) 5.4.1.1 5.3 5.3.1.1 5.3.2.1

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Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
	I.2.1A.1. :1s M&O implements by:	M&O QAP-19-4	01 P03	(verified) 5.3.3.1 5.3.4.1 5.3.5.1 5.3.6.1 5.5.5
	I.2.1A.1. :2s M&O implements by:	M&O QAP-19-4	01 P03	(verified) 3.9 3.10 5.1 5.2
	I.2.1A.2. M&O implements by:	M&O QAP-19-2 QAP-19-4	03 P01 01 P03	(verified) 5.4.1.1 5.4 5.6. 5.7
	I.2.1B. M&O implements by:	M&O QAP-19-2 QAP-19-4	03 P01 01 P03	(verified) 5.4.1.1 5.3 5.3.1.2 5.3.2.2 5.3.3.2 5.3.4.2 5.3.5.2 5.3.6.2 5.4.5.A 5.4.5.B 5.4.5.C 5.5 5.5.5
	I.2.2A. :1s M&O implements by:	M&O QAP-19-1	03 P01	(verified) 5.2 5.3 5.5 5.6

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I.2.2A. :1s

M&O implements by:

M&O QAP-19-1

03 P01

(verified)

5.7

5.8

5.9

5.10

5.11

5.12

5.13

5.14

5.15

5.16

QAP-19-2

03 P01

5.2

QAP-19-4

01 P03

5.2.1.1B.

5.2.1.2C.

5.2.2.1A.

5.2.2.4A.

5.2.3.2C.

5.2.4.2

5.2.4.3

5.2.4.4

5.2.4.7

5.2.5.2

5.2.5.3

5.2.5.4

5.5.5.1.A2

I.2.2A. :2s

M&O implements by:

M&O QAP-19-1

03 P01

(verified)

5.2

5.3

5.5

5.6

5.7

5.8

5.9

5.10

5.11

5.12

5.13

5.14

5.15

5.16

QAP-19-2

03 P01

5.2

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	I.2.2A. :2s M&O implements by:	M&O QAP-19-4	01 P03	(verified) 5.2.1.1B. 5.2.1.2C. 5.2.2.1A. 5.2.2.4A. 5.2.3.2C. 5.2.4.2 5.2.4.3 5.2.4.4 5.2.4.7 5.2.5.2 5.2.5.3 5.2.5.4 5.5.5.1.A2
	I.2.2B. M&O implements by:	M&O QAP-19-1	03 P01	(verified) 5.3.1 5.3.2 5.4 5.4.1 5.4.2
	I.2.2C. :1s M&O implements by:	M&O QAP-19-1 QAP-19-2	03 P01 03 P01	(verified) 5.1.3 5.2.4.D 5.2.5.D 5.4.1.1.I
	I.2.2C. :2s M&O implements by:	M&O QAP-19-1 QAP-19-2	03 P01 03 P01	(verified) 5.1.3 5.2.4.D 5.2.5.D 5.4.1.1.I
	I.2.3 M&O implements by:	M&O QAP-19-1	03 P01	(verified) 5.6 5.7 5.8 5.9

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Requirement status	Requirement id	Implementing document owner document id		Rev & Chg/ Effective		Implementation status requirement
	I.2.3 M&O implements by:	M&O	QAP-19-2	03	P01	(verified) 5.2.4.D 5.2.5.D 5.4.1.1.I
	I.2.4A. M&O implements by:	M&O	QAP-19-1	03	P01	(verified) 5.3.1 :4s 5.3.2 :2p
	I.2.4B. M&O implements by:	M&O	QAP-19-1	03	P01	(verified) 5.3.1 5.3.2 5.3.3 5.11
	I.2.4C. :1s M&O implements by:	M&O	QAP-19-1	03	P01	(verified) 5.3.1 5.3.2 5.3.3 5.11
			QAP-19-4	01	P03	5.2.4
	I.2.4C. :2s M&O implements by:	M&O	QAP-19-1	03	P01	(verified) 5.2.4 5.3.1 5.3.2 5.3.3 5.10
			QAP-19-4	01	P03	ATT VII 5.2.4 5.4.4.1
	I.2.5 M&O implements by:	M&O	QAP-19-4	01	P03	(verified) 5.5
	I.2.5A.1. M&O implements by:	M&O	QAP-19-1	03	P01	(verified) 5.2.2

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	I.2.5A.1. M&O implements by:	M&O QAP-19-1	03 PO1	(verified) 5.3.1 5.3.2 5.3.3
		QAP-19-4	01 P03	5.2.4.2 5.2.4.7 5.2.5.3 5.3.4.2 5.3.5.2.B 5.3.5.2.A
	I.2.5A.2. M&O implements by:	M&O QAP-19-4	01 P03	(verified) 5.5.5.5.C
	I.2.5B.1. M&O implements by:	M&O QAP-19-1 QAP-19-4	03 PO1 01 P03	(verified) 5.2.3 5.5.5.5.A 5.5.5.5.B
	I.2.5B.2. M&O implements by:	M&O QAP-19-1	03 PO1	(verified) 5.2.3
	I.2.5B.3. M&O implements by:	M&O QAP-19-4	01 P03	(verified) 5.5.3.B 5.5.5.5.C
	I.2.5C. M&O implements by:	M&O QAP-19-4	01 P03	(verified) 5.5.3.C 5.5.5.1.A 5.5.5.1.B 5.5.5.5
	I.2.6A.1. M&O implements by:	M&O QAP-19-4	01 P03	(verified) 5.4.1.1
	I.2.6A.2. M&O implements by:	M&O QAP-19-4	01 P03	(verified) 5.4.1

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Group Name:

Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
	I.2.6A.2. M&O implements by:	M&O QAP-19-4	01 P03	(verified) 5.4.1.1 5.4.1.2 ATT I
	I.2.6B.1.a. M&O implements by:	M&O QAP-19-4	01 P03	(verified) 5.4.3.1.A
	I.2.6B.1.b. M&O implements by:	M&O QAP-19-4	01 P03	(verified) 5.4.3.1.B
	I.2.6B.1.c. M&O implements by:	M&O QAP-19-4	01 P03	(verified) 5.4.3.1.C
	I.2.6B.1.d. M&O implements by:	M&O QAP-19-4	01 P03	(verified) 5.4.3.1.D
	I.2.6B.1.e. M&O implements by:	M&O QAP-19-4	01 P03	(verified) 5.4.3.1.G
	I.2.6B.2. M&O implements by:	M&O QAP-19-4	01 P03	(verified) 5.2.5.2 5.4.3.1.E
	I.2.6B.3. M&O implements by:	M&O QAP-19-4	01 P03	(verified) 5.2.6.A 5.2.6.B 5.4.3.1.F
	I.2.6B.4. M&O implements by:	M&O QAP-19-4	01 P03	(verified) 5.2.5 5.2.5.1 5.2.5.2 5.2.5.3 5.2.5.4

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Group Name:

Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
	I.2.6B.4. M&O implements by:	M&O QAP-19-4	01 P03	(verified) 5.4.3.2
	I.2.6C.1. M&O implements by:	M&O QAP-19-1	03 P01	(verified) 5.3.1
		QAP-19-4	01 P03	5.3.2 5.3.3 5.4.4.1
	I.2.6C.2. M&O implements by:	M&O QAP-19-1	03 P01	(verified) 5.10.3
		QAP-19-2	03 P01	5.2.4.D 5.2.5.D 5.4.1.1.D
		QAP-19-4	01 P03	5.4.4.2
	I.2.6D.1. M&O implements by:	M&O QAP-19-4	01 P03	(verified) 5.4.5.A 5.4.5.B 5.4.5.C
	I.2.6E.1. M&O implements by:	M&O QAP-19-4	01 P03	(verified) 5.2.1 5.2.1.1 5.4.1.1 5.4.1.2
	I.2.6E.2. M&O implements by:	M&O QAP-19-4	01 P03	(verified) 5.4.1.2 5.4.2.A
	I.2.6E.3. M&O implements by:	M&O QAP-19-4	01 P03	(verified) 5.4.2.C
	I.2.6E.4. M&O implements by:	M&O QAP-19-4	01 P03	(verified) 5.4.2.D

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	I.2.6E.5. M&O implements by:	M&O QAP-19-4	01 P03	(verified) 5.4.2.E
	I.2.6E.6. M&O implements by:	M&O QAP-19-4	01 P03	(verified) 5.4.2.F
	I.2.6E.7. M&O implements by:	M&O QAP-19-4	01 P03	(verified) 5.4.1.1
	I.2.6F.1. M&O implements by:	M&O QAP-19-1	03 P01	(verified) 5.5
	I.2.6F.2. M&O implements by:	M&O QAP-19-1	03 P01	(verified) 5.15
	I.2.7 :1s M&O implements by:	M&O QAP-19-2	03 P01	(verified) 5.1 5.2.4 5.2.5.C 5.2.8 5.2.9 5.2.10 5.2.12 5.3.3 5.3.4 5.4.1 5.4.1.1 5.4.1.2 5.4.1.2.A 5.4.1.2.B 5.4.1.2.C 5.4.2.1 5.4.2.2.A 5.4.2.2.B 5.4.2.2.C 5.4.2.2.D 5.4.2.2.E 5.4.2.2.F

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I.2.7 :1s				
M&O implements by:		M&O QAP-19-2	03 P01	(verified)
				5.4.2.2.G
				5.4.2.2.H
				5.4.2.3.A
				5.4.2.3.B
				5.4.3
				5.4.3.1
				5.4.3.2
				5.4.3.3
				5.5

I.2.7 :2s				
M&O implements by:		M&O QAP-19-2	03 P01	(verified)
				5.1
				5.2.4
				5.2.5.C
				5.2.8
				5.2.9
				5.2.10
				5.2.12
				5.3.3
				5.3.4
				5.4.1
				5.4.1.1
				5.4.1.2
				5.4.1.2.A
				5.4.1.2.B
				5.4.1.2.C
				5.4.2.1
				5.4.2.2.A
				5.4.2.2.B
				5.4.2.2.C
				5.4.2.2.D
				5.4.2.2.E
				5.4.2.2.F
				5.4.2.2.G
				5.4.2.2.H
				5.4.2.3.A
				5.4.2.3.B
				5.4.3
				5.4.3.1
				5.4.3.2
				5.4.3.3

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Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
	I.2.7 :2s M&O implements by:	M&O QAP-19-2	03 P01	(verified) 5.5
	I.2.7A.1. M&O implements by:	M&O QAP-19-2	03 P01	(verified) 5.2.1 5.2.4.A 5.2.4.C 5.2.4.E 5.3.3 5.4.1 5.4.1.2 5.4.1.2.A 5.4.1.2.B 5.4.1.2.C 5.4.2.3.A
	I.2.7A.2. M&O implements by:	M&O QAP-19-2	03 P01	(verified) 5.2.5.B 5.4.1 5.4.1.2 5.4.1.2.A 5.3.1.E
		QAP-3-13	2 P02	
	I.2.7A.2.a. M&O implements by:	M&O QAP-19-2	03 P01	(verified) 5.2.5.B 5.4.1 5.4.1.2 5.4.1.2.A 5.3.1.E
		QAP-3-13	2 P02	
	I.2.7A.2.b. M&O implements by:	M&O QAP-19-2	03 P01	(verified) 5.2.5.B 5.4.1 5.4.1.2 5.4.1.2.A 5.3.1.E
		QAP-3-13	2 P02	
	I.2.7A.3. :1s M&O implements by:	M&O QAP-19-2	03 P01	(verified) 5.2.1

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	I.2.7A.3. :1s M&O implements by:	M&O QAP-19-2	03 P01	(verified) 5.2.4.C 5.2.5.B 5.3.3 5.4.1 5.4.1.2 5.4.1.2.A 5.4.1.2.B 5.4.1.2.C 5.4.2.3.A 5.3.1.D
		QAP-3-13	2 P02	
	I.2.7A.3. :2s M&O implements by:	M&O QAP-19-2	03 P01	(verified) 5.2.1 5.2.4.C 5.2.5.B 5.3.3 5.4.1 5.4.1.2 5.4.1.2.A 5.4.1.2.B 5.4.1.2.C 5.4.2.3.A 5.3.1.D
		QAP-3-13	2 P02	
	I.2.7B.1. M&O implements by:	M&O QAP-19-2	03 P01	(verified) 5.1.1 5.1.2 5.1.3 5.1.4 5.1.5 5.1.6 5.2.5.C 5.2.8 5.2.9 5.3 5.3.3 5.4.2.1 5.5
	I.2.7B.2. :1s M&O implements by:	M&O QAP-19-2	03 P01	(verified) 5.2.5.C

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	I.2.7B.2. :1s				(verified)
	M&O implements by:	M&O	QAP-19-2	03 P01	5.2.8
					5.3
					5.3.2
					5.3.2.1
					5.3.2.2
					5.3.2.3
					5.3.3
					5.4.2.1
					5.4.2.2
					5.4.2.2.A
					5.4.2.2.B
					5.4.2.2.C
					5.4.2.2.D
					5.4.2.2.E
					5.4.2.2.F
					5.4.2.2.G
					5.4.2.2.H
					5.4.2.3.C
					5.5
	I.2.7B.2. :2s				(verified)
	M&O implements by:	M&O	QAP-19-2	03 P01	5.4.2.2.B :3s
	I.2.7B.2.a.				(verified)
	M&O implements by:	M&O	QAP-19-2	03 P01	5.1.4
					5.1.5
					5.2.5.C
					5.2.8
					5.2.9
					5.3
					5.3.2
					5.3.2.1
					5.3.2.2
					5.3.2.3
					5.3.3
					5.4.2.1
					5.4.2.2.A
					5.4.2.2.C
					5.4.2.2.D
					5.4.2.2.E

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Group Name:

Requirement status	Requirement id	Implementing document owner document id	Rev & Chg/ Effective	Implementation status requirement
	I.2.7B.2.b. M&O implements by:	M&O QAP-19-2	03 P01	(verified) 5.2.11 5.3 5.3.2 5.3.2.1 5.3.2.2 5.3.2.3 5.4.2.2.A 5.4.2.2.C 5.4.2.2.D 5.4.2.2.E 5.4.3.2 5.4.3.3 5.5
	I.2.7B.2.c. M&O implements by:	M&O QAP-19-2	03 P01	(verified) 5.2.3 5.2.4 5.2.4.D 5.2.5.D 5.3.3 5.4.1.1.I 5.4.2.2.G 5.4.2.2.H 5.4.2.3.B
	I.2.7B.2.d. M&O implements by:	M&O QAP-19-2	03 P01	(verified) 5.2.3 5.2.4 5.2.4.D 5.2.5.D 5.3.3 5.4.1.1.I 5.4.2.2.G 5.4.2.2.H 5.4.2.3.B
	I.2.7C.1. M&O implements by:	M&O QAP-19-2	03 P01	(verified) 5.2.12 5.3.3

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(IBR) = Incorporated By Reference
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Nov 9, 1994 1:42 PM

Requirements Traceability Network
Requirements Matrix Report
Document owner, id: OQA, DOE/RW-0333P QARD
Revision & Change: 1

Version: 2.1
(rt007rpt)

Group Name:

Requirement status	Requirement id	Implementing document owner	document id	Rev & Chg/ Effective	Implementation status	requirement
	I.2.7C.1.					
	M&O implements by:	M&O	QAP-19-2	03 P01		(verified) 5.3.4 5.4.2.2.B 5.4.3 5.4.3.1 5.4.3.2 5.4.3.3 5.4.2.C
			QAP-3-13	2 P02		
	I.2.7C.2.					
	M&O implements by:	M&O	QAP-19-2	03 P01		(verified) 5.2.12 5.3.2 5.3.2.1 5.3.2.2 5.3.2.3 5.3.3 5.3.4 5.4.2.2.B 5.4.3 5.4.3.1 5.4.3.2 5.4.3.3
	I.2.7C.3.					
	M&O implements by:	M&O	QAP-19-2	03 P01		(verified) 5.2.12 5.3.2 5.3.3 5.3.4 5.4.2.2.B 5.4.3 5.4.3.1 5.4.3.2 5.4.3.3
	I.2.8					
	M&O implements by:	M&O	QAP-19-2	03 P01		(verified) 5.3.1 5.3.2 5.5
	I.2.8A.					
	M&O implements by:	M&O	QAP-19-2	03 P01		(verified) 5.2.7

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(IBR) = Incorporated By Reference
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