

## NQA-1 Graded Approach, 55-Gallon Drum Summary

NQA-1 Part 1 Requirement	Section Description	Applicability	Comments
<b>Requirement 1, Organization</b>	100 Basic	Applicable	
	200 Structure and Responsibility	Applicable	
	201 General	Applicable	
	202 Delegation of Work	Applicable	
	300 Interface Control	Applicable	
<b>Requirement 2, Quality Assurance program</b>	100 Basic	Applicable	
	200 Indoctrination and Training	Applicable	
	201 Indoctrination	Not Applicable	
	202 Training	Applicable	
	300 Qualification Requirements (auditors and Lead Auditors only)	Not Applicable	
	301 Non-destructive Examination (NDE)	Not Applicable	
	302 Inspection and Test	Applicable	
	303 Lead Auditor	Not Applicable	
	304 Auditors	Not Applicable	
	305 Technical Specialist	Not Applicable	
	400 Records and Qualification	Applicable	
500 Records	Applicable		
<b>Requirement 3, Design Control</b>	100-900	Applicable	Drum manufacturers state up front they do not implement requirement 3, Design Control. Therefore using Requirement 5, Instructions, Procedures, and Drawings the DOE Contractor requires the Supplier to develop fabrications Drawing developed from the Technical Requirements provided in the purchase order. Even though Requirement 3 is not implemented the DOE Contractor will require the Supplier to implement portions of Design Control, i.e. 100, 200, 300(c), 400 (excluding 401 and 402), 501.
<b>Requirement 4, Procurement Document Control</b>	100 Basic	Applicable	
	200 Content of the Procurement Document	Applicable	
	201 Scope of Document	Applicable	
	202 Technical requirements	Applicable	
	203 Quality Assurance Program Requirements	Applicable	
	204 Right of Access	Applicable	
	205 Documentation Requirements	Applicable	
	206 Non-Conformances	Applicable	
	207 Spare and Replacement Parts	Applicable	
	300 Procurement Document Review	Applicable	
400 Procurement Document Changes	Applicable		
<b>Requirement 5, Instructions, procedures, and Drawings</b>	100 Basic	Applicable	

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<b>Requirement 6, Document Control</b>	100 Basic	Applicable	
	200 Document Control	Applicable	
	300 Document Changes	Applicable	
	301 Major Changes	Applicable	
	302 Minor Changes	Applicable	
<b>Requirement 7, Control of Purchased Items and Services</b>	100 Basic	Applicable	
	200 Supplier Evaluation and Selection	Applicable	
	300 Bid Evaluation	Not Applicable	
	400 Control of Supplier-Generated Documents	Applicable	
	500 Acceptance of Item and Service	Not Applicable	
	501 General	Applicable	
	502 Methods of Acceptance	Applicable	
	503 Certificate of Conformance	Applicable	
	504 Source Verification	Applicable	
	505 Receiving Inspection	Applicable	
	506 Post-Installation Testing	Applicable	
	507 Acceptance of Services Only	Applicable	
	600 Control of Supplier Non-Conformances	Not Applicable	
	700 Commercial Grade Items and Services	Not Applicable	
800 Records	Applicable		
<b>Requirement 8, Identification and Control of Items</b>	100 Basic	Applicable	
	200 Identification Methods	Applicable	
	201 Item Identification	Not Applicable	
	202 Physical Identification	Not Applicable	
	300 Specific Requirements	Not Applicable	
	301 Identification and Traceability of Items	Not Applicable	
	302 Limited Life Items	Not Applicable	
303 Maintaining Identification of Stored Items	Not Applicable		
<b>Requirement 9, Control of Special Processes</b>	100 Basic	Applicable	Requirement 9 is implemented only when a standard is implemented that requires an individual is qualified to a recognized standard, i.e. AWS, SNT-TC-1A, 2006.
	200 process Control	Applicable	
	201 Special Processes	Applicable	
	202 Acceptance Criteria	Applicable	
	203 Special requirements	Applicable	
	300 Responsibility	Applicable	
400 Records	Applicable		

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<b>Requirement 10, Inspection</b>	100 Basic	Applicable	
	200 inspection Requirements	Applicable	
	300 Inspection Hold Points	Not Applicable	
	400 Inspection Planning	Not Applicable	
	401 Planning	Not Applicable	
	402 Sampling	Not Applicable	
	500 In-Process inspection	Applicable	
	600 Final Inspection	Applicable	
	601 Resolution of Non-Conformances	Applicable	
	602 Inspection Requirements	Applicable	
	603 Modifications, Repairs, or Replacements	Applicable	
	604 Acceptance	Applicable	
	700 Inspections during Operations	Not Applicable	
800 Records	Applicable		
<b>Requirement 11, Test Control</b>	100 Basic	Applicable	
	200 Test Requirements	Applicable	
	300 Test Procedures (Other Than For Computer Programs)	Applicable	
	400 Computer Program Test Procedures	Not Applicable	
	500 Test Results	Applicable	
	600 Test Records	Applicable	
	601 Test Records	Applicable	
	602 Computer Program Test Records	Not Applicable	
<b>Requirement 12, Control of Measuring and Test Equipment</b>	100 Basic	Applicable	
	200 Selection	Applicable	
	300 Calibration and Control	Applicable	
	301 Calibration	Applicable	
	302 Reference Standards	Applicable	
	303 Control	Applicable	
	303.1 Application	Applicable	
	303.2 Corrective Action	Applicable	
	303.3 Handling and Storage	Applicable	
	303.4 Environmental Controls	Applicable	
	303.5 Pre-calibration Checks	Applicable	
	303.6 Status indication	Applicable	
	304 Commercial Devices	Applicable	
	400 Records	Applicable	
	401 General	Applicable	
	402 Reports and Certificates	Applicable	

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<b>Requirement 13, Handling, Storage, and Shipping</b>	100 Basic	Applicable	
	200 Special Requirements	Not Applicable	
	300 Procedures	Not Applicable	
	400 Tools and Equipment	Not Applicable	
	500 Operators	Not Applicable	
	600 Marking and Labeling	Applicable	
<b>Requirement 14, Inspection, Test, and Operating Status</b>	100 Basic	Applicable	Drums are manufactured in a continuous process. There are two test that are performed during production That if failed would require the drum be pulled from Production and not allowed to proceed.
<b>Requirement 15, Control of Non-Conforming Items</b>	100 Basic	Applicable	
	200 Identification	Applicable	
	300 Segregation	Applicable	
	400 Disposition	Applicable	
	401 Control	Applicable	
	402 Responsibility and Authority	Applicable	
	403 Personnel	Applicable	
	404 Disposition	Applicable	
	405 Re-examination	Applicable	
<b>Requirement 16, Corrective Action</b>	100 Basic	Applicable	Corrective action will be implemented when systemic issue arise through supplier performance and non-conformances.
<b>Requirement 17, Records</b>	100 Basic	Applicable	
	200 Generation of Records	Applicable	
	300 Authentication of Records	Applicable	
	400 Classification	Not Applicable	
	401 Lifetime Records	Not Applicable	
	402 Non-permanent records	Not Applicable	
	500 Receipt Control of Records	Not Applicable	
	600 Storage	Not Applicable	
	601 General	Not Applicable	
	602 Facility Type	Not Applicable	
	603 Temporary Storage	Not Applicable	
	700 Retention	Not Applicable	
	800 Maintenance of Records	Applicable	Only A – E are required

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<b>Requirement 18, Audits</b>	100 Basic	Applicable	The purpose of this requirement is to ensure that the definition of Quality Assurance as documented in 49 CFR 173.403 is met.
	200 Scheduling	Applicable	
	300 Preparation	Applicable	
	301 Audit Plan	Applicable	
	302 Personnel	Applicable	
	303 Selection of Audit Team	Applicable	
	400 Performance	Applicable	
	500 Reporting	Applicable	
	600 Response	Applicable	
	700 Follow-Up Action	Applicable	
	800 Records	Applicable	
<b>49 CFR Parts 100 – 199</b>	49 CFR 178.350 (Type A Packaging Requirements)	Applicable	
	49 CFR 178 Subpart M	Applicable	
	49 CFR 178 Subpart L	Applicable	
	49 CFR 172 Subpart H	Applicable	

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