

Hydrostatic and Mass Spectrometer Leak Check Procedures  
Cleaning and Certification Procedures  
Painting Specifications and Procedures  
Certification of NDE Personnel per ASNT-TC-1A  
NDT Procedures  
Inspection Procedures

SD-09 Reports

Material reports shall be furnished for the materials used in the vessel. Six copies are due six weeks after award of the contract. The following information shall be shown in the report:

Contract number  
System  
Pipe Specification or Use Material Specification (Base Material)  
Charpy Test (where required by code)  
Heat Treatment charts and records  
Vessel Design and Calculations

SD-09 Reports (prior to fabrication)

Prior to commencement of fabrication, the Contractor shall submit six copies of the following items:

Certified Material Test Reports for plate, forging and welding materials and independent random material sampling  
Certified Impact Test Reports (as applicable)  
Certified Nil-ductility Test Reports (as applicable)  
Heat Treatment Procedure

SD-09 Reports (seven days prior to shipment)

Six copies of the following shall be submitted no less than seven days prior to vessel shipment:

Mill Test Reports  
Facsimile of Nameplate Stamping  
Manufacturer's Data Report  
Hydrostatic Test Report including test set-up configuration and log of time versus pressure  
All Reports for Non-Destructive Examination  
Complete records of all shop repairs (if any)  
Lift Plan

#### SD-18 Records

At the time the vessels are ready for shipment, four copies of the following shall be submitted:

Heat Treatment Charts and Records  
Spare Parts Recommendation List

### 1.4 GENERAL REQUIREMENTS

The storage vessel shall be designed, fabricated, tested, cleaned and delivered in accordance with the detailed requirements of this specification. The requirements specified herein are minimum requirements. The Contractor shall take whatever additional measures are necessary in his design, fabrication, and inspection and testing to produce a storage vessel, which will satisfactorily pass the tests specified herein without damage. Where there are discrepancies between the specification and reference documents, the specific requirements contained herein shall govern and take precedence.

### 1.5 QUALIFICATION OF VESSEL MANUFACTURER

The Contractor shall furnish with his bid, certification attesting to a minimum of 5 years experience by the manufacturer in design and manufacture of storage vessels of similar design. Name, phone number and address of references are required. The experience listing shall include a list of storage tanks fabricated, size, location of use, service, and date of manufacture.

### 1.6 DRAWINGS AND REPORTS

This specification specifies the requirements for capacity and performance. Nothing shown on the drawings or contained in the design data shall relieve the Contractor from his responsibility to furnish an air storage vessel meeting the requirements of this specification.

### 1.7 QUALITY ASSURANCE

The Contract Administrator and Government reserve the right to inspect all work at all times during and upon completion of fabrication and to witness any or all tests. The Contractor shall cooperate fully to enable the SSC Contracting Officer's Representative or Government designated representative to be present at the performance of any or all tests and any other activity as specifically requested. The Contractor shall furnish all equipment and materials for all tests except where specifically stated otherwise. The Contractor shall notify the SSC Contracting Officer's Representative fourteen (14) days