

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
SPECIFICATION FOR
HOSE, RUBBER, HIGH PRESSURE, 3/4 INCH WATERWAY

Page 1, 2.1. Government Documents. Delete reference to USDA Forest Service Specification 5100-108 Couplings, Lightweight, Fire and Suction Hose.

Page 2, 3.1 First Article. Delete entire paragraph and substitute the following:

Unless otherwise specified, samples shall be subjected to first article inspection in accordance with 4.4.3. During the term of the contract the contractor shall be required to notify the contracting officer in writing when a component or the component supplier changes in any way, when a major manufacturing process changes in any way, or when a manufacturing location changes. The contracting officer may at any time require the contractor to submit a new first article sample when substantive changes occur during the term of the contract.

Page 3, 3.2.1. Couplings. Delete remainder of the paragraph starting at the 5th sentence (The couplings shall be lightweight...), and substitute the following:

The couplings shall be in accordance with the minimum requirements of Specification 5100-102. Gasket material physical properties shall meet the requirements of USDA Forest Service Specification 5100-190.

Page 4, 3.7. Markings. Delete 4th sentence and substitute the following:

All letters and numerals shall be at least 0.25 inch (6.4 mm) high.

Page 4, 3.9.3. Hose Twist at Working Pressure. Delete first sentence in paragraph 3.9.3 and substitute the following:

When tested in accordance with 4.6.2.5, at a hydrostatic pressure of 600 (4137 kPag) psig, the twist shall not be more than one turn for the total length of hose, in the direction (left) to loosen the couplings.

Page 6, 4.3. Sampling for Inspection. Add paragraph 4.3.4 as follows:

4.3.4. Sampling for First Article Inspection. The contractor shall make available to the Government items from which first articles may be selected. The first article shall consist of one hose assembly and one set of male and female couplings.

Page 7, 4.4.2. Lot Acceptance Tests. Delete entire paragraph and substitute the following:

Each of the samples selected in accordance with 4.3.3, shall be inspected in accordance with 4.4.1 to determine conformance with this specification.

Page 7, 4.5. Certificate of Conformance. Delete last sentence and substitute the following:

The contractor shall provide certificates of conformance for 3.3.1, 3.3.2, 3.9.4, 3.9.5, 3.9.6, 3.9.7, 3.9.8, and 3.9.9.

Page 9, 4.6.2.5. Twist at Working Pressure Test. Delete third sentence and substitute the following:

Check to see that the twist does not exceed one turn for the total length of the hose.

Page 9, 4.6.2.7. Proof Pressure and Hose Coupling Slippage. Delete entire paragraph and replace with the following:

As required by 3.9.1, a hydrostatic pressure of 1200 psig (8274 kPag) shall be applied and held for three minutes. The marks placed on the hose at the back of the couplings shall be observed for coupling slippage. There shall be no leaks from the threaded connection, cracks, breaks, permanent deformation, mechanical damage, or structural failure.

Page 10, 6.2. Acquisition Requirements. Delete the following sentence and renumber remaining sentences:

c. If couplings qualified to USDA Forest Service Specification 5100-102 are required in lieu of lightweight aluminum alloy couplings.