

## § 19.452

part. Proprietors shall not conduct denaturing operations or manufacture articles except as provided in this part. Records of denaturing operations and the manufacture of articles shall be maintained in accordance with § 19.752 and § 19.753.

(Sec. 201, Pub. L. 85-859, 72 Stat. 1353, as amended (26 U.S.C. 5178); sec. 807(a), Pub. L. 96-39, 93 Stat. 286 (26 U.S.C. 5241))

### DENATURATION

#### § 19.452 Formulas.

Spirits shall be denatured in accordance with formulas as authorized in 27 CFR part 21 or their alternatives. Denaturing materials shall be thoroughly mixed with the spirits being denatured.

(Sec. 201, Pub. L. 85-859, 72 Stat. 1369, as amended (26 U.S.C. 5242); sec. 807, Pub. L. 96-39, 93 Stat. 286 (26 U.S.C. 5241))

#### § 19.453 Testing of denaturants.

(a) *Testing.* Proprietors shall ensure that the materials they receive for use in denaturing conform to the specifications prescribed in 27 CFR part 21. The appropriate TTB officer may require the testing of denaturants at any time.

(b) *Samples.* Samples of denaturants shall be taken in such manner as to represent a true composite of the total lot being sampled. When samples are tested by persons other than a proprietor, a copy of the analysis or a statement, signed by the chemist performing the test, shall be secured and filed by the proprietor for each test. Samples of denaturants may be taken by appropriate TTB officers at any time for testing by Government chemists.

(c) *Conformity.* When a denaturant does not conform to the specifications prescribed under 27 CFR part 21, the proprietor shall not use the material unless he treats or manipulates the denaturant to make it conform to such specifications. Such treated or manipulated denaturant shall again be tested.

(Sec. 201, Pub. L. 85-859, 72 Stat. 1369, as amended (26 U.S.C. 5242))

#### § 19.454 Gauge for denaturation.

The proprietor shall gauge spirits before denaturation and after denaturation and record each gauge on the

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record of denaturation as prescribed in § 19.752(b). However, spirits dumped from previously gauged containers or spirits transferred directly to mixing tanks from gauge tanks where they were gauged, need not again be gauged. Measurements of spirits and denaturants shall be made by volume, weight, by approved meter, or, when approved by the appropriate TTB officer, other devices or methods.

(Sec. 201, Pub. L. 85-859, 72 Stat. 1358, as amended (26 U.S.C. 5204); sec. 807, Pub. L. 96-39, 93 Stat. 286 (26 U.S.C. 5241))

#### § 19.455 Dissolving of denaturants.

Denaturants which are difficult to dissolve in spirits at usual working temperatures, which are highly volatile, or which become solid at such usual temperatures may be liquefied or dissolved in a small quantity of spirits or water in advance of their use in the production of specially denatured spirits, pursuant to the prescribed formula, so long as the proof of the denatured spirits manufactured does not fall below the proof prescribed for the applicable formula in 27 CFR part 21. Any spirits used in dissolving denaturants and contained in the resulting solution shall be included as part of the total quantity of spirits denatured in each batch.

(Sec. 201, Pub. L. 85-859, 72 Stat. 1369, as amended (26 U.S.C. 5242))

#### § 19.456 Adding denaturants.

Denaturants and spirits shall be mixed in packages, tanks, or bulk conveyances on bonded premises. The appropriate TTB officer may, on written application, authorize other methods of mixing denaturants and spirits if he deems such denaturation will not hinder effective administration of this part or jeopardize the revenue. If requested by the appropriate TTB officer, the proprietor shall submit a flow diagram of the intended process or method of adding denaturants.

(Sec. 201, Pub. L. 85-859, 72 Stat. 1369, as amended (26 U.S.C. 5242))

#### § 19.457 Neutralizing denatured spirits.

Proprietors may add trace quantities of compounds such as caustics or acids