

**§ 178.510 Standards for wooden barrels.**

(a) The following are identification codes for wooden barrels:

- (1) 2C1 for a bung type wooden barrel; and
- (2) 2C2 for a slack type (removable head) wooden barrel.

(b) Construction requirements for wooden barrels are as follows:

- (1) The wood used must be of good quality, straight-grained, well-seasoned and free from knots, bark, rotten wood, sapwood or other defects likely to lessen the effectiveness of the barrel for the purpose intended.
- (2) The body and heads must be of a design appropriate to the capacity and intended use of the barrel.
- (3) Staves and heads must be sawn or cleft with the grain so that no annual ring extends over more than half the thickness of a stave or head.
- (4) Barrel hoops must be of steel or iron of good quality. The hoops of 2C2 barrels may be of a suitable hardwood.
- (5) For wooden barrels 2C1, the diameter of the bung-hole may not exceed half the width of the stave in which it is placed.
- (6) For wooden barrels 2C2, heads must fit tightly into crozes.
- (7) Maximum capacity of barrel: 250 L (66 gallons).
- (8) Maximum net mass: 400 kg (882 pounds).