

**WAC 296-307-41037 What are the maximum filling densities?** (1)  
 "Filling density" means the percent ratio of the weight of the gas in a container to the weight of water the container will hold at 60°F. All containers shall be filled according to the filling densities shown in Table U-4.

**TABLE U-4  
 MAXIMUM PERMITTED FILLING DENSITY**

| Specific Gravity at 60°F (15.6°C) | Aboveground containers   |  | Underground containers, all capacities |
|-----------------------------------|--|--|--|
|                                   | 0 to 1,200 U.S. gals. (1,000 imp. gal. 4,500 liters) total water cap | 0 to 1,200 U.S. gals. (1,000 imp. gal. 4,500 liters) total water cap |  |
|                                   | Percent  | Percent  |  |
| .496-.503                         | 41   | 44   | 45                                     |
| .504-.510                         | 42   | 45   | 46                                     |
| .511-.519                         | 43   | 46   | 47                                     |
| .520-.527                         | 44   | 47   | 48                                     |
| .528-.536                         | 45   | 48   | 49                                     |
| .537-.544                         | 46   | 49   | 50                                     |
| .545-.552                         | 47   | 50   | 51                                     |
| .553-.560                         | 48   | 51   | 52                                     |
| .561-.568                         | 49   | 52   | 53                                     |
| .569-.576                         | 50   | 53   | 54                                     |
| .577-.584                         | 51   | 54   | 55                                     |
| .585-.592                         | 52   | 55   | 56                                     |
| .593-.600                         | 53   | 56   | 57                                     |

(2) Any container including mobile cargo tanks and portable tank containers regardless of size or construction, shipped under DOT jurisdiction or constructed according to DOT specifications must be charged according to DOT requirements.

(3) Exception: Portable containers not subject to DOT jurisdiction must be filled either by weight, or by volume using a fixed length dip tube gauging device.

[WSR 97-09-013, recodified as § 296-307-41037, filed 4/7/97, effective 4/7/97. Statutory Authority: RCW 49.17.040, [49.17.]050 and [49.17.]060. WSR 96-22-048, § 296-306A-41037, filed 10/31/96, effective 12/1/96.]