EMCOWHEATON

API RP1004 BOTTOM LOADING ENVELOPE

BOTTOM LOADING AND VAPOR RECOVERY FOR MC-306 AND DOT-406 TANK MOTOR VEHICLES

TANK VEHICLES USED FOR BOTTOM LOADING **REQUIRED FEATURES**

LOCATION OF ADAPTORS

The bottom loading adapter or adaptors must be insatlled on the curb side of the tank vehicle (see figure 3).

HORIZONTAL SPACING OF ADAPTORS

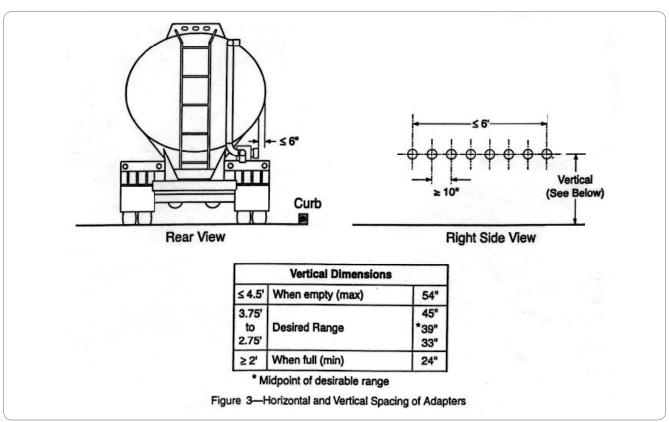
Where more than one tank vehicle adaptor is provided, the vertical centerlines must be at least 10 inch (254 mm) apart.

The face of the adaptor must be in a vertical plane and must be located no more than 6 in. (150 mm) inside the maximum width of the vehicle in the

adaptor area. When mulitple adaptor are installed, adaptors must not be horizontally spaced on more than 6 ft (1.83 m) center (see Figure 3).

VERTICAL SPACING OF ADAPTORS

The tank vehicle adaptors must be installed on centers that are not more than 5.4 ft (1.37 m) above grade when the vehicle tank is empty and not less than 2 ft (0.61 m) above grade when the tank is full. Experience indicates taht for ease of loading, a height of not more than 3.75 ft (1.14 m) and not less than 2.5 ft (0.84 m) is desirable (see Figure 3).



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