

Table 13.7.: Loading and Unloading of Tankers

ITEM	REQUIREMENTS
2. LOCATION OF LOADING AND UNLOADING FACILITIES	<ul style="list-style-type: none"> i. Loading and unloading facilities shall be separated from above ground tanks, warehouses or other plant buildings, adjacent property line by a distance of at least 7.6 m for Class I liquids, Class II and Class III liquids handled at temperatures at or above their flash point. ii. Loading and unloading facilities shall be separated from above ground tanks, warehouses or other plant buildings, adjacent property line by a distance of at least 4.6 m for Class II and Class III liquids handled at temperatures below their flash point. iii. Where exposure protection is provided with fixed water spray systems, these separation distances shall be reduced to half.
3. OPERATION	<ul style="list-style-type: none"> i. Liquids shall be loaded only into cargo tanks whose material of construction is compatible with the chemical characteristics of the liquid. ii. The liquid being loaded shall also be chemically compatible with the liquid hauled on the previous load unless the cargo has been cleaned. iii. Before loading tank vehicles through open domes, a bonding connection shall be made to the vehicle or tank before dome covers are raised and shall remain in place until filling is completed and all dome covers have been closed and secured. iv. When transferring Class I liquids or Class II or Class III liquids at temperatures at or above their flash points, potential ignition sources such as engines of tank vehicles or motors of auxiliary or portable pumps shall be shut down during the making and breaking of hose connections.

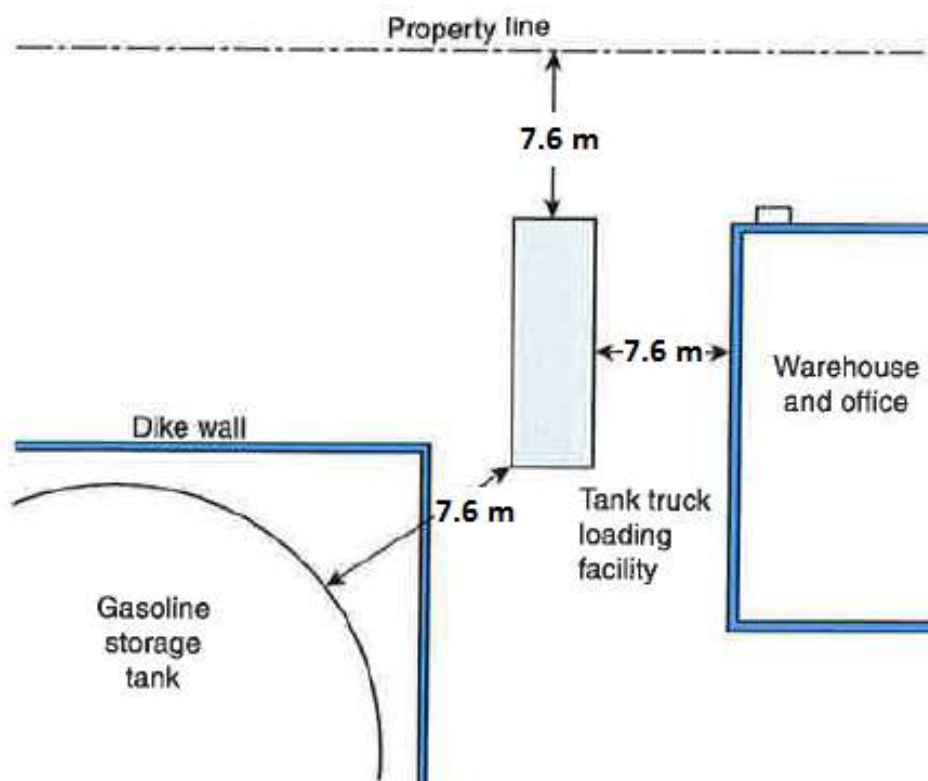


Figure 13.16.: Separation distances for Tank Loading and Unloading Facilities