

SCIENCE AND INDUSTRY

DELIVERY TANKER ACCESS REQUIREMENTS

For all liquid gas applications there are a number of factors which need to be considered when evaluating an area for the suitability of a tank installation point (or delivery point in the case of a mobile vessel). This datasheet is predominantly focused on the appropriateness of the access route for the delivery tankers and the consideration of the maximum length of the transfer hoses.

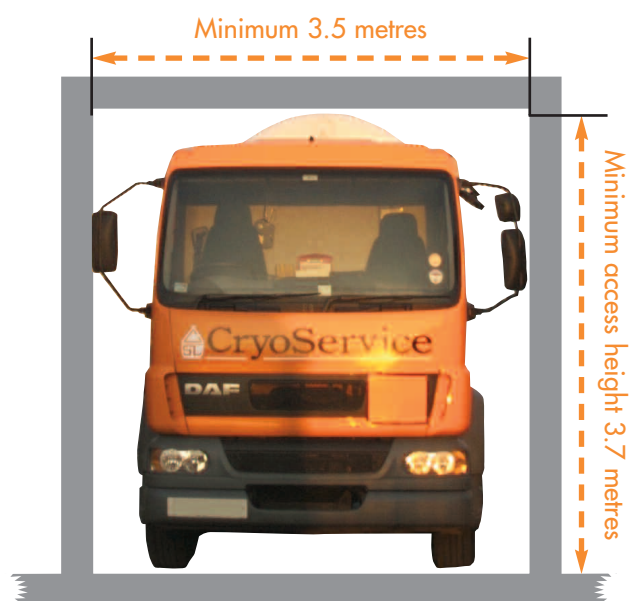
Access Route

For all gases (LIN, LAR, LOX and CO2) the table below provides the minimum dimensions required by the largest delivery tanker along the suggested vehicle access route.

MINIMUM DIMENSIONS REQUIRED BY THE LARGEST DELIVERY TANKERS				
	Product			
	Nitrogen	Argon	Carbon Dioxide	Oxygen
Minimum Access Width for All Tankers *1	3.5m (9'10")	3.5m (9'10")	3.5m (9'10")	3.5m (9'10")
Access Height Required for Tallest Tanker	3.7m (12'1")	3.7m (12'1")	3.7m (12'1")	3.7m (12'1")
Road Width Required for Turning Circle (kerb to kerb) < 6000 litre capacity	12m (39'4")	12m (39'4")	12m (39'4")	12m (39'4")
Road Width Required for Turning Circle (kerb to kerb) > 6000 litre capacity	17.4m (57'1")	17.4m (57'1")	17.4m (57'1")	17.4m (57'1")
Minimum Parking Provision Required for Vehicle	10m (32'9")	10m (32'9")	10m (32'9")	10m (32'9")

*1 - Note that at the designated parked location, there should be a minimum width of 3.5m (11'5") and length 10m (32'9") provided, in order that the driver may safely exit the vehicle.

The route itself should be free from common moveable obstacles such as parked cars, storage skips, fork lift trucks or pallets and care should be taken to ensure that any bridges, overhead cables and gantries are above the minimum access height required by the delivery tankers.



Minimum Load Bearing Capacity of Access Route

MAXIMUM GROSS WEIGHT (TONNES) OF DELIVERY TANKERS	
Nitrogen	26
Argon	26
Carbon Dioxide (non-bulk)	16
Carbon Dioxide (bulk)	44
Oxygen	26

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