



These specifications apply to the acceptance and loading of tank trailers at LyondellBasell (LYB) facilities, as well as at third-party facilities contracted by LYB

<b>Product Handling Equipment Specification (PHES) - Tank Trailer</b>	
<b>Commodity [select from drop-down]:</b>	<b>Propylene Oxide (PO), Low Pressure TT</b>
SDS Number:	BE1720
<b>Refer to SDS section 14 for this product's transport classification</b>	
<b>General Tank Truck Information:</b>	
DOT Specification:	North America only; MC 307, DOT 407 (Stainless Steel Trailer); dedicated to LYB PO and serviced by carrier Heniff only; trailer ID's: 21-1327, 21-1337, 21-1338, 1RG21101, 1RG21103
Insulation:	Required, unless preapproved by LYB
Heating Capabilities:	Not Required
Gasket Material:	Teflon encapsulated preferred; Teflon, Simriz 7295, or Kalrez only; must be in all flanges and openings of trailer; all flanges and openings must have seal point, and remain sealed for full and residue transport
Connections/Fittings:	All must be stainless steel with dust caps containing seal points, on all outlets of the trailer, capable of being sealed with a 1/8" cable seal; all flanges and fittings must be sealed closed
Liquid Connection:	Reduced 3" to 2" male kamvolok (dry connect) with sealable dust cap; bottom rear loader (center loader requires approval from LYB); must have seal points; emergency shut-off valve on liquid line
Vapor Connection:	2" male kamvolok (dry connect) with sealable dust cap; vapor line piping modified to bottom rear/grade-level access, with pressure gauge and isolation valve upstream of fitting
Nitrogen Padding:	For clean or reload trailer, nitrogen purged with 7-10 psig nitrogen pad upon arrival to load; trailer must provide leak free seal pre-and post-loading
Tank Cleanliness:	Dedicated to LYB PO service only; if a trailer requires cleaning, a cleaning certificate must be presented with the trailer; after any maintenance, a maintenance certificate must be presented with the trailer that indicates type of maintenance performed

Strapping Chart:	Required
Hoses:	Hoses are not required to load at LYB facilities; there may be consignee-specific hose requirements listed on the LYB shipping document
Additional Appurtenances:	Must have current LYB Shipping Notice document, Transwide call-off, or carrier manifest to be accepted for loading; driver must be familiar with PO handling as per training provided by LYB, or careful review of the LYB Safety Data Sheet; driver must arrive at pickup point at the designated/pre-scheduled time; driver must always notify LYB of any requested light loading due to potential exceedence of gross legal load weight, or variance from consignee's ordered quantity; for LYB-arranged equipment, return seals must be sent with the driver, who must ensure they're applied (either by driver or consignee personnel) once offloaded
Misc. Restrictions:	No additional personnel in tractor unless team driver(s); pets are strictly prohibited; customer pickup (CPU/collect) orders are prohibited; equipment for low pressure operations must be pre-approved by LYB; do not load or ship this tank trailer type for high pressure offloading operations due to low pressure PRV settings on tank trailer(s)
Acceptable Prior Cargoes:	Not applicable
Prohibited Prior Cargoes:	Not applicable
Disclaimer:	LYB reserves the right to reject any trailer based on its actual condition or suitability as determined during on-site inspection and in accordance with US DOT regulations.