



These specifications/special requirement(s) are applicable specifically to LyondellBasell facilities for loading or unloading a tank trailer at a LyondellBasell site or a contracted 3PL location as applicable

TANK TRAILER SPECIFICATION

PRODUCT PROPYLENE OXIDE (HIGH PRESSURE SERVICE) (PO)

Material Characteristic and immediate hazard	See Product SDS
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DOT SPECIFICATION: (NORTH AMERICA ONLY)	MC 312, DOT 412,- DEDICATED TO PROPYLENE OXIDE SERVICE AND DEDICATED TO A SINGLE CARRIER (DANA TRANSPORT) DEDICATED TRAILERS #: D-2409, D-2545, D-2721, D-2722, OR APPROVED MC-331
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INSULATION	YES (FOR MC-312 OR DOT-412), NOT REQUIRED FOR MC-331
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HEATING CAPABILITIES	NO
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GASKET MATERIAL	TEFLON OR SIMRIZ 7295, KALREZ, ONLY; MUST BE IN ALL FLANGES AND OPENING TO TRAILER. ALL FLANGES, CONNECTIONS, FITTING MUST HAVE SEAL POINT AND MUST BE SEALED.
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CONNECTIONS/FITTINGS	ALL MUST BE STAINLESS STEEL, DUST CAPS W/SEAL PONTS, ALL VALVES MUST BE CAPABLE OF BEING SEALED WITH 1/8" WIRE CABLE SEAL
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LIQUID CONNECTION	2" MALE KAMLOK W/DUST CAP - LOADING/UNLOADING PIPING MODIFIED TO BOTTOM REAR TO GRADE LEVEL WITH ISOLATION VALVE UPSTREAM OF CONNECTION. ALSO W/PNUEMATIC EMERGENCY SHUT OFF VALVE ON LIQUID LINE NEXT TO TRAILER.
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VAPOR CONNECTION	2" MALE KAMLOK W/DUST CAP - VAPOR PIPING MODIFIED TO BOTTOM REAR TO GRADE LEVEL WITH ISOLATION VALVE UPSTSTREAM OF CONNECTION. MUST HAVE SEAL POINT
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NITROGEN PADDING	YES, MINIMUM 15 PSIG UPON ARRIVAL ON CLEAN OR RE-LOAD TRAILER
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TANK CLEANLINESS	ALL TANK TRAILER MUST BE DEDICATED. IF A TANK TRAILER HAS TO BE CLEANED, A CLEANING CERTIFICATE MUST BE PRESENTED WITH TRAILER. NOTE: AFTER ANY MAINTENANCE, A MAINTENANCE CERTIFICATE MUST ALSO BE PRESENTED WITH TRAILER THAT INDICATED THE TYPE OF MAINTENANCE PERFORMED
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STRAPPING CHART	YES
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HOSES	HOSE(S) ARE NOT REQUIRED AT LYONDELLBASELL LOADING FACILITIES. PLEASE NOTE: THERE MAY BE SPECIFIC HOSE(S) REQUIREMENTS FOR CUSTOMER THAT SHOULD BE NOTED IN THE CARRIER INSTRUCTIONS OF THE LYONDELLBASELL SHIPPING DOCUMENT.
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ADDITIONAL APPURTENANCES	NO ADDITIONAL EQUIPMENT; TANK TRAILERS ARE SPECIALLY MODIFIED BY CARRIER. SPECIAL NOTE: RETURN SEALS MUST BE SENT WITH DRIVER. DRIVER MUST ENSURE RETURN SEALS ARE INSTALLED, EITHER BY DRIVER OR CUSTOMER. ALL FLANGES AND SCREWED FITTING MUST BE SEALED CLOSED.
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OTHER	DRIVER MUST BE ON THE DANA LIST OF QUALIFIED DRIVERS. MUST HAVE SAP CURRENT AND MATCHING SAP SHIPPING NOTICE, TRANSWIDE CALL-OFF, OR CARRIER MANIFEST DOCUMENT. **DRIVER MUST ARRIVE AT PICKUP POINT AT SCHEDULED TIME. PLEASE CONTACT LYONDELLBASELL LOGISTICS WITH ANY QUESTIONS. NOTE: DRIVER IS RESPONSIBLE FOR ENSURING ALL OPENINGS TO TRAILER ARE SEALED WITH RETURN SEALS PROVIDED BY LYB UPON COMPLETION OF OFF-LOADING TRAILER.
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PROHIBITED	NOTE: NO CUSTOMER PICKUP; PROPYLENE OXIDE WILL ONLY BE LOADED INTO LYONDELLBASELL DEDICATED TANK TRAILERS LISTED. NOTE: OTHER EQUIPMENT MUST HAVE PRIOR APPROVAL. NO ADDITIONAL PERSONNEL, UNLESS TEAM DRIVERS, PETS ARE PROHIBITED.
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<p>TANK TRAILER SPECIFICATION</p>	
<p>PRODUCT</p>	<p>PROPYLENE OXIDE (LOW PRESSURE SERVICE) (PO)</p>
<p>Material Characteristic and immediate hazard</p>	<p>See Product SDS</p>
<p>DOT SPECIFICATION: (NORTH AMERICA ONLY)</p>	<p>MC 307, DOT 407; NOTE: THIS TYPE T/T SHOULD ONLY BE USED WITH PRIOR APPROVAL BEFORE LOADING. THIS TYPE TRAILER CAN ONLY BE USE FOR SELECTIVE LYB CUSTOMER DELIVERY. NOTE: LOW PRESSURE APPLICATIONS</p>
<p>INSULATION</p>	<p>YES; UNLESS NON INSULATED IS APPROVED BY LYB PRIOR TO LOADING</p>
<p>HEATING CAPABILITIES</p>	<p>NO</p>
<p>GASKET MATERIAL</p>	<p>TEFLON INCAPSULATED PREFERRED; TEFLON OR SIMRIZ 7295, KALREZ, ONLY; MUST BE IN ALL FLANGES AND OPENING TO TRAILER. ALL FLANGES, CONNECTIONS, FITTING MUST HAVE SEAL POINTS.</p>
<p>CONNECTIONS/FITTINGS</p>	<p>ALL MUST BE STAINLESS STEEL, DUST CAPS W/SEAL PONTs, ALL VALVES MUST BE CAPABLE OF BEING SEALED WITH 1/8" WIRE CABLE SEAL</p>
<p>LIQUID CONNECTION</p>	<p>REDUCER 3"- 2" MALE KAMLOK (DRY DISCONNECT) W/DUST CAP, - REAR LOADING/UNLOADING, MUST HAVE SEAL POINTS, EMERGENCY SHUT OFF VALVE ON LIQUID LINE,</p>
<p>VAPOR CONNECTION</p>	<p>2" MALE KAMLOK W/DUST CAP - VAPOR PIPING MODIFIED TO BOTTOM REAR TO GRADE LEVEL WITH ISOLATION VALVE UPSTREAM OF CONNECTION. MUST HAVE SEAL POINTS.</p>
<p>NITROGEN PADDING</p>	<p>YES, MINIMUM 7-10 PSIG UPON ARRIVAL ON CLEAN OR RE-LOAD TRAILER</p>
<p>TANK CLEANLINESS</p>	<p>TANK TRAILER MUST BE CLEAN, DRY, AND ODOR FREE. A CLEANING CERTIFICATE MUST BE PRESENTED WITH TRAILER UPON ARRIVAL. NOTE: AFTER ANY MAINTENANCE, A MAINTENANCE CERTIFICATE MUST ALSO BE PRESENTED WITH TRAILER THAT INDICATED THE TYPE OF MAINTENANCE PERFORMED</p>
<p>STRAPPING CHART W/DRIVER</p>	<p>YES</p>
<p>HOSES</p>	<p>HOSE(S) ARE NOT REQUIRED AT LYONDELLBASELL LOADING FACILITIES. PLEASE NOTE: THERE MAY BE SPECIFIC HOSE(S) REQUIREMENTS FOR CUSTOMER THAT SHOULD BE NOTED IN THE CARRIER INSTRUCTIONS OF THE LYONDELLBASELL SHIPPING DOCUMENT.</p>
<p>ADDITIONAL APPURTENANCES</p>	<p>NO ADDITIONAL EQUIPMENT; TANK TRAILERS ARE SPECIALLY MODIFIED BY CARRIER. SPECIAL NOTE: RETURN SEALS MUST BE SENT WITH DRIVER. DRIVER MUST ENSURE RETURN SEALS ARE INSTALLED, EITHER BY DRIVER OR CUSTOMER. ALL FLANGES AND SCREWED FITTING MUST BE SEALED CLOSED.</p>
<p>OTHER</p>	<p>DRIVER SHOULD BE FAMILIAR WITH THE SAFE HANDLING OF PROPYLENE OXIDE AS AVAILALBE TRAINING IS PRESENTED OR AVAILABLE FROM LYB AND/OR SDS. DRIVER MUST HAVE SAP CURRENT AND MATCHING SAP SHIPPING NOTICE, PRIOR LYB SHIPPING DOCUMENTS, TRANSWIDE CALL-OFF, OR CARRIER MANIFEST DOCUMENT. **DRIVER MUST ARRIVE AT PICKUP POINT AT SCHEDULED TIME. PLEASE CONTACT LYONDELLBASELL LOGISTICS WITH ANY QUESTIONS. NOTE: DRIVER IS RESPONSIBLE FOR ENSURING ALL OPENINGS TO TRAILER ARE SEALED WITH RETURN SEALS PROVIDED BY LYB UPON COMPLETION OF OFF-LOADING TRAILER.</p>
<p>PROHIBITED</p>	<p>NO ADDITIONAL PERSONNEL, UNLESS TEAM DRIVERS, PETS ARE PROHIBITED. NOTE: UNAPPROVED EQUIPMENT REQUIREMENT WAIVER. EQUIPMENT MUST HAVE PRIOR APPROVAL. DO NOT LOAD OR SHIP THIS TYPE TRAILER FOR HIGH PRESSURE (UNLOADING) OPERATIONS DUE TO LOW PRESSURE SETTING ON PRV.</p>