



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 ALLYL ALCOHOL AA

Material Characteristic and immediate hazard See Product SDS

DOT SPECIFICATION: (NORTH AMERICA ONLY) MC 312/DOT 412 - DEDICATED TO ALLYL ALCOHOL SERVICE AND DEDICATED TO A SINGLE CARRIER (DANA TRANSPORT) DEDICATED TRAILERS #: D-1197, D-1198, D-1308, D-2543, D-2544, D-2408. ANY OTHER TRAILER MUST BE APPROVED BY

INSULATION REQUIRED YES, INSULATION REQUIRED

HEATING CAPABILITIES NO, PRODUCT SHOULD BE KEPT AWAY FROM HEAT

GASKET MATERIAL TEFLON OR SIMRIZ 7295, KALREZ, ONLY; MUST BE IN ALL FLANGES AND OPENING TO TRAILER. ALL FLANGES, OPENING MUST BE SEALED

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, DUST CAPS W/SEAL POINTS, DOME LID ATTACHMENTS FOR PROPER SEALING.

LIQUID CONNECTION 2" MALE KAMVALOK (DRY CONNECT), 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.

VAPOR CONNECTION 1 1/4" MALE KAMVALOK (DRY CONNECT), W/DUST CAP - VAPOR PIPING MODIFIED TO BOTTOM REAR TO GRADE LEVEL WITH PRESSURE GAUGE AND ISOLATION VALVE UPSTREAM OF CONNECTION.

NITROGEN PADDING REQUIRED YES, MINIMUM 15 PSIG UPON LOADING ARRIVAL OF CLEAN OR RE-LOAD/TOP-LOAD TRAILER

TANK CLEANLINESS ALL TANK TRAILER MUST BE DEDICATED TO ALLYL ALCOHOL SERVICE. 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

STRAPPING CHART YES

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* FIELD OF THE LYONDELLBASELL SHIPPING DOCUMENT.

ADDITIONAL APPURTENANCES DOME LID MUST BE A SOLID BOLTED FLANGE; TANK TRAILERS ARE SPECIALLY MODIFIED BY CARRIER. TRAILER MUST HAVE AN EMERGENCY SHUT-OFF ON LIQUID LINE NEAR TRAILER SPECIAL **NOTE:** RETURN SEALS MUST BE SENT WITH DRIVER. DRIVER MUST ENSURE RETURN SEALS ARE INSTALLED, EITHER BY DRIVER OR CUSTOMER, ONCE OFFLOADED. ALL FLANGES AND SCREWED FITTING MUST BE SEALED CLOSED.

OTHER **DRIVER MUST BE ON THE DANA LIST OF QUALIFIED DRIVERS.** MUST HAVE 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.

PROHIBITED **NOTE:** NO CUSTOMER PICKUP; IF THERE IS A CPU, ALLYL ALCOHOL MUST BE LOADED INTO ONE OF LYONDELLBASELL CURRENT DEDICATED TRAILERS LISTED. **PLEASE NOTE:** NO ADDITIONAL PERSONNEL UNLESS THEY ARE TEAM DRIVERS, PETS ARE PROHIBITED.