

	<p>These specifications/special requirement(s) are applicable specifically to LyondellBasell facilities for loading or unloading an Intermodal Container at a LyondellBasell site or a contracted 3PL location as applicable</p>	
<p>INTERMODAL CONTAINER SPECIFICATION</p>		
<p><b>PRODUCT</b></p>	<p><b>N-METHYL PYRROLIDONE (INDUSTRIAL)</b></p>	<p><b>NMP</b></p>
<p>Material Characteristic and immediate hazard</p>	<p>See Product SDS</p>	
<p>DOT SPECIFICATION</p>	<p>UN T-11, (STAINLESS STEEL CONTAINER). CONTAINER MUST BE APPROVED AND DESIGNATED BY LYB TO TRANSPORT N-METHYL PYRROLIDONE. DEDICATED CONTAINER IS NOT REQUIRED, BUT DEDICATED SERVICES CONTAINER WILL REQUIRE LYB WRITTEN PRE-APPROVAL PRIOR TO LOADING OR TRANSPORT OF N-METHYL PYRROLIDONE. <b>SPECIAL NOTE:</b> DATA PLATE INFORMATION MUST BE LEGIBLE AND CORRECTLY STAMPED. INSPECTION DOCUMENTATION MUST BE WITH DRIVER AS ADDITIONAL PROOF OF INSPECTION/TEST DATE VERIFICATION, TO HELP PREVENT EQUIPMENT REJECTION.</p>	
<p>INSULATION</p>	<p>PREFERRED BUT NOT REQUIRED</p>	
<p>HEATING CAPABILITIES</p>	<p>PREFERRED NOT REQUIRED</p>	
<p>GASKET MATERIAL</p>	<p>VIRGIN TEFLON, TEFLON ROPE, TEFLON ENCAPSULATED, **DOME GASKET MUST GIVE A LEAK TIGHT SEAL UPON COMPLETION OF LOADING</p>	
<p>CONNECTIONS/FITTINGS</p>	<p>ALL MUST BE STAINLESS STEEL, SOLID FLANGE OR PLUG MUST BE ATTACHED TO CONTAINER (AS APPLICABLE). MUST BE ABLE TO CAPABLE OF BEING SEALED WITH A 1/8" WIRE CABLE SEAL., DOME LID &amp; VALVE COVER MUST CAPABLE OF BEING SEALED WITH 1/8" WIRE CABLE SEAL.</p>	
<p>LIQUID CONNECTION</p>	<p><b>EXPORT SHIPMENT:</b> BLIND FLANGE OR SOLID CLOSURE ON BOTTOM OUTLET IF CONTAINER IS TO BE LOADED ON RAIL OR VESSEL; BOTTOM OUTLET MUST HAVE A SOLID CLOSURE; DUST CAPS NOT ACCEPTABLE. <b>DOMESTIC SHIPMENT:</b> A FLANGED 3" MALE CAMLOCK (QUICK CONNECT) W/DUST CAP - BOTTOM REAR LOADER. <b>BOTH SHIPMENT TYPES:</b> MUST BE CAPABLE OF BEING SEALED WITH A 1/8" WIRE CABLE SEAL. IF GL PIPING, (GROUND LEVEL), PIPING, IF NOT FRAME PROTECTED, SHOULD BE EQUIPPED WITH A SHEAR RING.</p>	
<p>VAPOR CONNECTION</p>	<p>1 1/2 - 2" INCH BALL VALVE WITH BULL PLUG, BULL PLUG MUST BE ATTACHED WITH CHAIN/CABLE AND VALVE MUST BE ABLE TO SEALED W/1/8" WIRE CABLE SEAL. VAPOR CLOSURES MUST ALIGN WITH SHIPMENT MODE REQUIREMENTS. <b>NOTE:</b> PROTECTIVE COVER FOR MAN-LID AND VAPOR CONNECTION MUST ALSO HAVE THE CAPABILITY TO SEALED. <b>NOTE:</b> IF GLV, (GROUND LEVEL VAPOR), PIPING, IF NOT FRAME PROTECTED, SHOULD BE EQUIPPED WITH A SHEAR RING. NO INLINE RUBBER HOSE ACCEPTABLE, ONLY SS FLEX HOSE OR HARD PIPING. THIS APPLIES FOR EXPORT OR DOMESTIC SHIPMENTS.</p>	
<p>NITROGEN PADDING</p>	<p>NITROGEN PURGE FOR DRYING, MOISTURE, COMBUSTIBLE ATMOSPHERE CONTROL. CLEAN CONTAINER MUST HAVE A 5-7 PSIG PAD UPON ARRIVAL AT LOADING FACILITY. RE-LOAD/RESUE CONTAINER MAY RETURN WITH LAST OFF-LOADING PRESSURE OR MINIMUM OF 5-7 PSIG.</p>	
<p>TANK CLEANLINESS</p>	<p>IF CONTAINER IS CLEANED, A CLEANING CERTIFICATE IS REQUIRED. CONTAINER MUST BE CLEAN, DRY, AND ODOR FREE. <b>NOTE:</b> IF CONTAINER IS RE-LOAD, THE PRIOR LYONDELLBASELL SHIPPING DOCUMENTS ARE REQUIRED AS PROOF THAT THE LAST CONTAINED WAS LYONDELLBASELL MATERIAL.</p>	
<p>STRAPPING CHART REQUIRED</p>	<p>YES, <b>NOTE:</b> LEVEL GAUGE/INDICATOR ALSO PREFERRED</p>	
<p>HOSES</p>	<p>HOSE(S) ARE NOT REQUIRED AT LYONDELLBASELL LOADING FACILITIES. <b>NOTE:</b> HOSE(S) ARE NOT TRANSPORTED BY CARRIER FOR EXPORT SHIPMENTS.</p>	
<p>ADDITIONAL APPURTENANCES OR REQUIREMENTS</p>	<p>NONE - <b>NOTE:</b> CARRIER SHOULD ALWAYS NOTE CARRIER'S INSTRUCTION FOR ANY ADDITIONAL EQUIPMENT, DRIVER'S REQUIREMENT, ETC. NOTE: ALL OPENING TO CONTAINER MUST BE CAPABLE OF BEING SEALED WITH 1/8" WIRE CABLE SEAL. <b>NOTE:</b> PRODUCT LABELING IS REQUIRED WITH CONTAINER(DRIVER), UPON ARRIVAL TO LOADING FACILITY.</p>	
<p>OTHER</p>	<p>MUST HAVE LYB CURRENT AND MATCHING SAP SHIPPING NOTICE, TRANSWIDE CALL-OFF, OR CARRIER MANIFEST DOCUMENT. **DRIVER MUST ARRIVE AT PICKUP POINT AT SCHEDULED TIME. **DRIVER MUST ALWAYS NOTIFY LYONDELL OF ANY REQUESTED LIGHT LOADING, (PRIOR TO LOADING), DUE TO POTENTIAL EXCEEDING LEGAL GROSS WEIGHT. PLEASE CONTACT LYONDELLBASELL LOGISTICS WITH ANY QUESTIONS</p>	
<p>PROHIBITED</p>	<p>PETS ARE PROHIBITED; ADDITIONAL PERSONNEL ONLY IF TEAM DRIVERS</p>	