

	<p>These specifications/special requirement(s) are applicable specifically to LyondellBasell facilities for loading or unloading an ISO CONTAINER at a LyondellBasell site or a contracted 3PL location as applicable</p>	
ISO CONTAINER SPECIFICATION		
PRODUCT	N-METHYL PYRROLIDONE (EL)	NMP - EL
Material Characteristic and immediate hazard	See Product SDS	
DOT SPECIFICATION	IM 101, UN T-11, MAX. - 24K LITERS/LITRES , (STAINLESS STEEL ISO CONTAINER). NOTE: CONTAINERS MUST NOT EXCEED 24K LITERS/LITRES UNLESS APPROVED BY LYB PRIOR TO LOADING. CONTAINER WITH BAFFLES MUST ALSO BE APPROVED PRIOR TO ARRIVING AT THE FACILITY FOR LOADING. CONTAINER MUST BE DESIGNATED BY LYB AS DEDICATED TO N-METHYL PYRROLIDONE (EL) SERVICE. NON-DEDICATED WILL REQUIRE LYB WRITTEN PRE-APPROVAL PRIOR TO LOADING, TO TRANSPORT N-METHYL PYRROLIDONE (EL). SPECIAL NOTE: 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	
INSULATION	REQUIRED	
HEATING CAPABILITIES	NOT REQUIRED	
GASKET MATERIAL	VIRGIN TEFLON, TEFLON ROPE, TEFLON ENCAPSULATED, **DOME GASKET MUST GIVE A LEAK TIGHT SEAL UPON COMPLETION OF LOADING	
CONNECTIONS/FITTINGS	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 & VALVE COVER MUST CAPABLE OF BEING SEALED WITH 1/8" WIRE CABLE SEAL.	
LIQUID CONNECTION	EXPORT SHIPMENT: BLIND FLANGE ON BOTTOM OUTLET IF CONTAINER IS TO BE LOADED ON RAIL OR VESSEL; BOTTOM OUTLET MUST HAVE A SOLID CLOSURE; DUST CAPS NOT ACCEPTABLE. DOMESTIC SHIPMENT: A FLANGED 3" MALE CAMLOCK (QUICK CONNECT) W/DUST CAP - BOTTOM REAR LOADER . BOTH SHIPMENT TYPES MUST BE CAPABLE OF BEING SEALED WITH A 1/8" WIRE CABLE SEAL.	
VAPOR CONNECTION	1 1/2 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. NOTE: PROTECTIVE COVER FOR MAN-LID AND VAPOR CONNECTION MUST ALSO HAVE THE CAPABILITY TO SEALED. THIS APPLIES FOR EXPORT OR DOMESTIC SHIPMENTS	
NITROGEN PADDING	NITROGEN PURGE FOR DRYING & MOISTURE CONTROL. CLEAN ISO 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.	
TANK CLEANLINESS	IF CONTAINER IS CLEANED, A CLEANING CERTIFICATE IS REQUIRED. CONTAINER MUST BE CLEAN, DRY, AND ODOR FREE. NOTE: IF ISO CONTAINER IS RE-LOAD, THE PRIOR SHIPPING LYONDELLBASELL SHIPPING DOCUMENTS ARE REQUIRED. THE CONTAINER MUST BE LISTED AS A DEDICATED N-METHYL PYRROLIDONE (EL) CONTAINER.	
STRAPPING CHART REQUIRED	YES, NOTE: LEVEL GAUGE/INDICATOR ALSO PREFERRED	
HOSES	HOSE(S) ARE NOT REQUIRED AT LYONDELLBASELL LOADING FACILITIES. NOTE: HOSE(S) ARE NOT TRANSPORTED BY CARRIER FOR EXPORT SHIPMENTS.	
ADDITIONAL APPURTENANCES OR REQUIREMENTS	NONE - NOTE: CARRIER SHOULD ALWAYS NOTE CARRIER'S INSTRUCTION FOR ANY ADDITIONAL EQUIPMENT, DRIVER'S REQUIREMENT, ETC. NOTE: ALL OPENING TO ISO CONTAINER MUST BE CAPABLE OF BEING SEALED WITH 1/8" WIRE CABLE SEAL. NOTE: PRODUCT LABELING IS REQUIRED WITH CONTAINER/(DRIVER), UPON ARRIVAL TO LOADING FACILITY. SPECIAL NOTE: CONTAINER MUST BE RE-SEALED IMMEDIATELY AFTER UNLOADING.	
OTHER	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	
PROHIBITED	PETS ARE PROHIBITED; ADDITIONAL PERSONNEL ONLY IF TEAM DRIVERS	