UN No.	Class	Bottom Openings	Special Requirements
1052	8	C	-
1088	3.1/3.2	A	-
1089	3.1	B	(a)
1090	3.1/3.2	A	-
1091	3.2	A	-
1092	6.1	C	(a), (b)
1093	3.2	C	(b)
1098	6.1	C	(b)
1099	3.2	C	(b)
1100	3.1	C	(b)
1104	3.3	A	-
1105	3.2/3.3	A	-
1106	3.2/3.3	A	-
1107	3.2	A	-
1108	3.1	B	-
1109	3.3	A	-
1110	3.3	A	-
1111	3.2	B	-
1112	3.3	A	-
1113	3.1/3.2	B	-
1114	3.2	B	-
1120	3.2/3.3	A	-
1123	3.2/3.3	A	-
1125	3.2	B	-
1126	3.2	A	-
1127	3.1/3.2	B	-
1128	3.2	A	-
1129	3.2	B	-
1130	3.3	A	-
1131	3.1	C	(a), (b)
1133	3.1/3.2	A	-
1133	3.2/3.3	A	-
1134	3.3	A	-
1135	6.1	C	-
1136	3.2	B	-
1136	3.2/3.3	A	-
1139	3.1/3.2	A	-
1139	3.1/3.2	A	-
1143	6.1	C	(b)
1144	3.1	B	-
1145	3.1	B	-
1146	3.1	B	-
1147	3.3	A	-
1148	3.2/3.3	A	-
1149	3.3	A	-
1150	3.2	B	-
1152	3.3	A	-
1153	3.3	A	-
1154	3.1	B	-
1155	3.1	C	-
1156	3.2	A	-
1157	3.3	A	-
1158	3.2	B	-
1159	3.1	B	-
1160	3.1/3.2	B	-
1161	3.2	B	-
1162	3.2	C	(b)
1163	6.1	C	(b)
1164	3.1	B	-
1165	3.2	B	-
1166	3.2	B	-
1167	3.1	B	-
1169	3.2/3.3	A	-
1170	3.2/3.3	A	-
1171	3.3	A	-
1172	3.3	A	-
1173	3.2	B	-
1175	3.2	A	-
1176	3.2	B	-
1177	3.3	A	-
1178	3.2	A	-
1179	3.2	A	-
1180	3.3	A	-
1181	6.1	B	-
1182	6.1	C	(b)
1184	3.2	B	-
1185	6.1	Prohibited in tanks	
1188	3.3	A	-
1189	3.3	A	-
1190	3.1	B	-
1191	3.3	A	-
1192	3.3	A	-
1193	3.2	B	-
1194	3.1/3.2	Prohibited in tanks	
1195	3.2	A	-
1196	3.2	C	(b)
1197	3.2/3.3	A	-
1198	3.3	B	-
1199	6.1	B	-
1201	3.2/3.3	A	-
1202	3.3	A	-
1203	3.1	B	-
1204	3.2	Prohibited in tanks	
1206	3.2	B	-
1207	3.3	A	-
1208	3.1	B	-
1210	3.2/3.3	A	-
1212	3.3	A	-
1213	3.2	A	-
1214	3.2	B	-
1216	3.2	B	-
1218	3.1	B	-
1219	3.2	A	-
1220	3.2	A	-
1221	3.1	B	-
1222	3.2	Prohibited in tanks	
1223	3.3	A	-
1224	>3.2<	B	> <

UN No.	Class	Bottom Openings	Special Requirements
1224	3.3	B	> <
1228	3.1/3.2	B	> <
1228	3.3	A	-
1229	3.3	B	-
1230	3.2	B	-
1231	3.2	B	-
1233	3.3	A	-
1234	3.1	B	-
1235	3.2	B	-
1237	3.2	A	-
1238	6.1	C	(b)
1239	6.1	B	-
1243	3.1	B	-
1244	6.1	C	(b)
1245	3.2	A	-
1246	3.2	A	-
1247	3.2	B	-
1248	3.2	B	-
1249	3.2	A	-
1250	3.2	B	(b)
1251	6.1	C	(b)
1259	6.1	Prohibited in tanks	
1261	3.3	Prohibited in tanks	
1262	3.2	A	-
1263	3.1/3.2	A	-
1263	3.2/3.3	A	-
1264	3.3	A	-
1265	3.1	B	-
1266	3.2/3.3	A	-
1267	3.1/3.2	B	-
1267	3.2/3.3	B	-
1268	3.1/3.2	B	> <
1268	3.3	B	> <
1272	3.3	A	-
1274	3.2/3.3	A	-
1275	3.1	B	-
1276	3.2	A	-
1277	3.1	B	-
1278	3.1	B	-
1279	3.2	A	-
1280	3.1	B	(a)
1281	3.2	B	-
1282	3.2	B	-
1286	3.2/3.3	B	-
1287	3.2/3.3	A	-
1288	3.2/3.3	A	-
1289	3.2/3.3	B	-
1292	3.3	A	-
1293	3.2	B	-
1293	3.2/3.3	A	-
1294	3.2	A	-
1296	3.2	B	-
1297	3.1/3.2/3.3	B	-
1298	3.1	B	(b)
1299	3.3	A	-
1300	3.2/3.3	A	-
1301	3.2	B	-
1302	3.1	B	-
1303	3.1	B	(a)
1304	3.2	B	-
1305	3.2	B	(b)
1306	3.2/3.3	A	-
1307	3.2/3.3	A	-
1541	6.1	C	-
1545	6.1	B	-
1547	6.1	B	-
1553	6.1	C	(a), (b)
1560	6.1	C	-
1569	6.1	B	(b)
1577	6.1	B	-
1578	6.1	B	-
1580	6.1	C	(b)
1590	6.1	B	-
1591	6.1	A	-
1593	6.1	A	-
1594	6.1	B	-
1595	6.1	C	(b)
1597	6.1	B	-
1598	6.1	B	-
1599	6.1	B	-
1599	6.1	A	-
1600	6.1	B	(f)
1603	6.1	B	-
1604	8	B	-
1605	6.1	C	-
1613	6.1	C	(b)
1648	3.2	B	-
1649	6.1	C	(b)
1650	6.1	C	-
1658	6.1	B	-
1661	6.1	B	(f)
1662	6.1	B	-
1663	6.1	B	(f)
1664	6.1	B	-
1665	6.1	B	-
1669	6.1	B	-
1670	6.1	C	(b)
1672	6.1	C	(b)
1673	6.1	B	(f)
1680	6.1	C	(b)
1686	6.1	C	-
1689	6.1	C	(b)
1690	6.1	B	-
1694	6.1	C	(b)
1695	6.1	C	(b)
1697	6.1	B	(b)
1701	6.1	B	(b)
UN No.	Class	Bottom	Special

UN No.	Class	Bottom Openings	Special Requirements
1702	6.1	B	-
1708	6.1	B	-
1709	6.1	A	-
1710	6.1	A	-
1711	6.1	B	-
1715	8	B	-
1716	8	C	(c)
1717	3.2	C	(c)
1718	8	A	-
1719	8	B	(k)
1719	8	A	(k)
1722	6.1	C	(b)
1723	3.2	C	(b)
1724	8	B	(b)
1728	8	B	(b)
1729	8	B	-
1730	8	B	-
1731	8	B	-
1731	8	A	-
1732	8	C	-
1736	8	C	(b), (c)
1737	6.1	C	(b), (c)
1738	6.1	C	(b), (c)
1739	8	C	(b), (c)
1742	8	C	(c)
1743	8	C	(c)
1744	8	C	(b), (c), (d)
1747	8	B	(b)
1750	6.1	B	-
1752	6.1	C	-
1753	8	B	-
1754	8	C	(c)
1755	8	C	(c)
1757	8	B	-
1758	8	C	(c)
1760	8	B	>(k)<
1760	8	B	(k)
1761	8	B	-
1761	8	A	-
1762	8	B	(b)
1763	8	B	(b)
1764	8	C	(c)
1765	8	B	-
1766	8	B	(b)
1767	8	B	(b)
1768	8	C	(c)
1769	8	B	(b)
1771	8	B	(b)
1775	8	C	-
1776	8	C	(c)
1777	8	C	(c)
1778	8	C	(c)
1779	8	B	-
1780	8	B	-
1781	8	B	-
1782	8	C	(c)
1783	8	B	-
1784	8	B	(b)
1786	8	C	(b), (c)
1787	8	C	-
1788	8	C	-
1789	8	C	(c)
1790	8	C	(c)
1791	8	A	(x)
1792	8	B	-
1793	8	A	-
1796	8	C	(b), (c)
1798	8	C	(b), (c)
1799	8	B	(b)
1800	8	B	(b)
1801	8	B	(b)
1802	8	C	-
1803	8	B	-
1804	8	B	-
1805	8	A	-
1808	8	B	-
1809	6.1	C	(b)
1810	8	B	-
1811	8	B	-
1812	6.1	B	-
1814	8	B	-
1814	8	A	-
1815	3.2	B	-
1816	8	B	(b)
1817	8	C	(c)
1818	8	C	(a)
1819	8	B	-
1819	8	A	-
1824	8	B	-
1824	8	A	-
1826	8	C	(c)
1827	8	B	-
1828	8	C	(c)
1829	8	C	(c), (f), (u), (v), (w)
1830	8	C	(c)
1831	8	C	(c)
1832	8	C	(c)
1833	8	B	-
1834	8	C	(c)
1835	8	B	-
1836	8	C	(b), (c)
1837	8	C	-
1838	8	C	(b)
1840	8	A	-
1843	6.1	B	-
1846	6.1	B	-
1848	8	A	-
1849	8	B	-

UN No.	Class	Bottom Openings	Special Requirements
1862	3.2	A	-
1863	3.1/3.2	A	-
1863	3.2/3.3	A	-
1865	3.2	Prohibited in tanks	
1866	3.1/3.2	A	-
1866	3.2/3.3	A	-
1886	6.1	B	-
1887	6.1	A	-
1888	6.1	B	-
1891	6.1	B	(b)
1892	6.1	C	(b)
1897	6.1	A	-
1898	8	C	(b)
1902	8	A	-
1906	8	C	(c)
1908	8	B	(x)
1914	3.3	A	-
1915	3.3	A	-
1916	6.1	B	-
1917	3.2	B	(b)
1918	3.3	A	-
1919	3.2	B	(b)
1920	3.3	A	-
1921	3.2	C	-
1922	3.2	A	-
1935	6.1	C	(b)
1938	8	C	-
1939	8	B	-
1940	8	B	-
1941	9	A	-
1986	3.1/3.2/3.3	B	(j)
1987	3.2	B	-
1987	3.3	A	-
1988	3.1/3.2/3.3	B	-
1989	3.1/3.2	B	(j)
1989	3.3	A	-
1990	9	A	-
1991	3.1	C	(b), (e)
1992	3.1/3.2/3.3	C	(b), (j)
1993	3.1/3.2	B	(j)
1993	3.3	A	-
1994	6.1	Prohibited in tanks	
1999	3.2/3.3	A	-
2018	6.1	B	(f)
2019	6.1	B	-
2021	6.1	A	-
2022	6.1	B	(b)
2023	6.1	B	(b)
2029	8	Prohibited in tanks	
2030	8	C	(b)
2031	8	C	(c)
2032	8	C	(c)
2038	6.1	B	-
2045	3.1	B	-
2046	3.3	A	-
2047	3.3	B	-
2048	3.3	A	-
2049	3.3	A	-
2050	3.2	A	-
2051	8	B	-
2052	3.3	A	-
2053	3.3	A	-
2054	3.3	B	-
2055	3.3	A	-
2056	3.1/3.2	B	-
2057	3.2/3.3	A	-
2058	3.2	A	-
2059	3.1/3.2	B	-
2059	3.2/3.3	A	-
2074	6.1	B	-
2075	6.1	B	-
2076	6.1	B	-
2077	6.1	A	-
2078	6.1	B	(b)
2079	8	B	-
2205	6.1	A	-
2206	6.1	C	(b)
2206	6.1	B	(b)
2209	8	A	-
2214	8	A	(f)
2215	8	A	(f)
2218	8	B	-
2219	3.3	A	-
2222	3.3	A	-
2224	6.1	B	-
2225	8	B	-
2226	8	C	-
2227	3.3	A	-
2232	6.1	C	(b)
2234	3.3	A	-
2235	6.1	B	-
2238	3.3	A	-
2239	6.1	A	-
2240	8	C	(b), (c)
2241	3.2	A	-
2242	3.2	A	-
2243	3.3	A	-
2244	3.3	A	-
2245	3.3	A	-
2246	3.1	A	-
2247	3.3	A	-
2248	8	B	-
2249	6.1	Prohibited in tanks	
2250	6.1	B	(f), (i)
2251	3.1/3.2	B	-
2252	3.2	A	-
2253	6.1	B	-
2256	3.1/3.2	A	-

UN No.	Class	Bottom Openings	Special Requirements
2258	8	B	-
2259	8	B	-
2260	3.3	B	-
2261	6.1	B	-
2262	8	B	-
2263	3.2	A	-
2264	8	B	-
2265	3.3	A	-
2266	3.2	B	(b)
2267	6.1	A	-
2269	8	B	-
2270	3.1/3.2	B	-
2271	3.3	A	-
2272	6.1	B	-
2273	6.1	B	-
2274	6.1	B	-
2275	3.3	A	-
2276	3.3	B	-
2277	3.2	A	-
2278	3.2	B	-
2279	6.1	A	-
2280	8	B	(f)
2281	6.1	C	(b)
2282	3.3	A	-
2283	3.3	A	-
2284	3.2	B	(b)
2285	6.1	C	-
2286	3.3	A	-
2287	3.1/3.2	A	-
2288	3.1	A	-
2289	8	B	-
2290	6.1	B	-
2293	3.3	A	-
2294	6.1	A	-
2295	6.1	>C<	(b)
2296	3.2	A	-
2297	3.3	A	-
2298	3.2	B	-
2299	6.1	A	-
2300	6.1	A	-
2301	3.1	A	-
2302	3.3	A	-
2303	3.3	A	-
2306	6.1	B	-
2307	6.1	B	-
2308	8	C	(c)
2309	3.2	A	-
2310	3.3	A	-
2311	6.1	A	-
2312	6.1	B	(f)
2313	3.3	B	(f)*
* for gamma-PICOLINE only			
2315	9	C	-
2317	6.1	B	(b)
2319	3.3	A	-
2320	8	B	-
2321	6.1	B	-
2322	6.1	B	-
2323	3.3	A	-
2324	3.3	A	-
2325	3.3	A	-
2326	8	B	-
2327	8	A	-
2328	6.1	B	(b)
2329	3.3	A	-
2330	3.3	A	-
2332	3.3	B	-
2333	3.2	B	(b)
2334	6.1	C	(b)
2335	3.2	B	(b)
2336	3.2	C	(b)
2337	6.1	C	(b)
2338	3.2	B	-
2339	3.2	A	-
2340	3.2	A	-
2341	3.3	A	-
2342	3.2	A	-
2343	3.2	A	-
2344	3.2/3.3	B	-
2345	3.2	B	-
2346	3.2	A	-
2347	3.1/3.2	B	-
2348	3.3	B	-
2350	3.2	B	-
2351	3.2/3.3	B	-
2352	3.2	A	-
2353	3.2	C	(b), (c)
2354	3.2	B	(b)
2356	3.1	B	(b)
2357	8	B	-
2358	3.2	B	-
2359	3.2	B	-
2360	3.2	B	(b)
2361	3.3	B	-
2362	3.2	A	-
2363	3.1	C	(b)
2364	3.3	A	-
2366	3.3	A	-
2367	3.2	A	-
2368	3.3	A	-
2370	3.1	B	-
2371	3.1	B	-
2372	3.2	B	-
2373	3.1/3.2	B	-
2374	3.2	A	-
2375	3.2	B	(b)
2376	3.2	A	-
2377	3.1/3.2	B	-

UN No.	Class	Bottom Openings	Special Requirements
2378	3.3	B	-
2379	3.2	B	-
2380	3.2	B	-
2381	3.2	B	-
2382	6.1	C	(b)
2383	3.2	B	-
2384	3.1/3.2	A	-
2385	3.2	A	-
2386	3.2	B	-
2387	3.2	B	-
2388	3.2	B	-
2389	3.1	C	(b)
2390	3.2	B	-
2392	3.3	B	-
2393	3.2	A	-
2394	3.2	A	-
2395	3.2	C	-
2396	3.2	B	(b)
2397	3.2	A	-
2398	3.1	B	-
2399	3.2	B	-
2400	3.2	A	-
2401	8	B	-
2402	3.1	B	(b)
2403	3.2	A	-
2404	3.2	B	(b)
2405	3.3	A	-
2406	3.2	A	-
2407	6.1	Prohibited in tanks	
2409	3.2	A	-
2410	3.2	B	-
2411	3.2	B	(b)
2412	3.2	A	-
2413	3.3	B	-
2414	3.2	B	-
2416	3.2	B	-
2430	8	B	(j)
2431	6.1	A	-
2432	6.1	B	-
2434	8	B	(b)
2435	8	B	(b)
2436	3.2	B	-
2437	8	B	(b)
2438	6.1	C	-
2442	8	C	-
2443	8	B	-
2444	8	B	-
2456	3.1	B	-
2457	3.1	A	-
2458	3.1/3.2	A	-
2459	3.1	B	-
2460	3.1	B	-
2461	3.1	A	-
2470	6.1	B	-
2474	6.1	B	-
2477	6.1	C	(b)
2478	3.1/3.2	C	(b)
2478	3.3	B	(b)
2480	6.1	Prohibited in tanks	
2481	3.2	C	(b)
2482	6.1	C	(b)
2483	3.2	C	(b)
2484	6.1	C	(b)
2485	6.1	C	(b)
2486	3.2	C	(b)
2487	6.1	C	(b)
2488	6.1	C	(b)
2490	6.1	B	-
2491	8	A	-
2493	3.2	B	-
2496	8	B	-
2498	3.3	A	-
2501	6.1	B	-
2501	6.1	A	-
2502	8	B	-
2504	6.1	A	-
2511	8	B	-
2513	8	C	(c)
2514	3.3	A	-
2515	6.1	A	-
2518	6.1	B	-
2520	3.3	A	-
2521	6.1	C	-
2522	6.1	B	-
2524	3.3	A	-
2525	6.1	A	-
2526	3.3	B	-
2527	3.3	B	-
2528	3.3	A	-
2529	3.3	A	-
2530	3.3	A	-
2531	8	B	(h), (v)
2533	6.1	A	-
2535	3.2	B	-
2536	3.2	A	-
2541	3.3	A	-
2542	>6.1<	B	-
2552	6.1	B	-
2554	3.2	B	(b)
2558	6.1	C	(b)
2560	3.3	A	-
2561	3.1	B	-
2564	8	B	-
2565	8	B	-
2571	8	C	(c)
2572	6.1	B	-
2574	6.1	B	-
2576	8	B	(f)

UN No.	Class	Bottom Openings	Special Requirements
2577	8	B	-
2579	8	A	(h)
2580	8	B	-
2581	8	B	-
2582	8	B	-
2584	8	B	(c)
2586	8	B	-
2589	6.1	B	-
2603	3.2	B	(b)
2604	8	B	-
2605	3.2	C	(b)
2606	6.1	C	(b)
2607	3.3	B	-
2608	3.3	A	-
2610	3.3	B	-
2611	6.1	C	(b)
2612	3.1	B	-
2614	3.3	B	-
2615	3.1	B	-
2616	3.2/3.3	B	-
2617	3.3	B	-
2618	3.3	A	-
2619	8	A	-
2620	3.3	A	-
2621	3.3	A	-
2622	3.3	B	-
2626	5.1	Prohibited in tanks	
2643	6.1	B	-
2644	6.1	C	(b)
2646	6.1	C	(b)
2650	6.1	B	-
2651	6.1	B	(f)
2653	6.1	B	-
2656	6.1	B	-
2661	6.1	B	-
2662	6.1	B	-
2664	6.1	B	-
2667	6.1	B	-
2668	6.1	B	-
2669	6.1	B	-
2672	8	B	-
2677	8	B	-
2677	8	A	-
2679	8	B	-
2681	8	B	-
2681	8	A	-
2683	8	B	(b)
2684	3.3	B	-
2685	8	B	-
2686	8	B	-
2688	6.1	B	-
2689	6.1	B	-
2690	6.1	B	-
2692	8	C	(b), (c)
2693	8	B	-
2699	8	C	(c)
27050	8	B	-
2707	3.2/3.3	B	-
2709	3.3	A	-
2710	3.3	A	-
2730	6.1	B	-
2732	6.1	B	(f)
2733	3.1/3.2	B	(j)
2733	3.2/3.3	B	(j)
2734	8	C	-
2734	8	B	-
2735	8	B	(j)
2738	6.1	B	-
2739	8	B	-
2740	6.1	Prohibited in tanks	
2743	6.1	C	(b)
2744	6.1	C	(b)
2745	6.1	C	(b)
2746	6.1	C	(b)
2747	6.1	B	-
2748	6.1	C	(b)
2749	3.1	C	-
2750	6.1	B	-
2751	8	B	-
2752	3.3	A	-
2753	6.1	B	-
2754	6.1	B	-
2758	3.2	C	(b), (j)
2760	3.2	C	(b), (j)
2762	3.2	C	(b), (j)
2764	3.2	C	(b), (j)
2772	3.2	C	(b), (j)
2776	3.2	C	(b), (j)
2778	3.2	C	(b), (j)
2780	3.2	C	(b), (j)
2782	3.2	C	(b), (j)
2784	3.2	C	(b), (j)
2785	6.1	B	-
2787	3.2	C	(b), (j)
2788	6.1	B	(b), (j)
2789	8	B	-
2790	8	B	-
2790	8	A	-
2796	8	C	(c)
2797	8	B	-
2798	8	B	-
2799	8	B	-
2801	8	B	-
2801	8	A	-
2810	6.1	B	(b), (j)
2815	8	A	-
2817	8	C	(b), (c)
2818	8	B	(b)

UN No.	Class	Bottom Openings	Special Requirements
2818	8	A	(b)
2819	8	A	-
2820	8	A	-
2821	6.1	B	-
2821	6.1	A	-
2822	6.1	B	-
2826	8	B	-
2829	8	B	-
2831	6.1	A	-
2834	8	B	-
2837	8	B	-
2838	3.2	A	-
2839	6.1	B	-
2840	3.3	A	-
2841	3.3	B	-
2842	3.3	B	-
2849	6.1	B	-
2850	3.3	A	-
2851	8	C	-
2872	6.1	A	-
2873	6.1	A	-
2874	6.1	B	-
2879	8	C	(b), (c)
2902	6.1	B	(b), (j)
2903	6.1	B	(b), (j)
2920	8	C	(k)
2922	8	C	-
2922	8	B	-
2924	3.1/3.2	C	(j), (k)
2924	3.2/3.3	C	(j), (k)
2927	6.1	C	(b), (k)
2929	6.1	B	(b), (j)
2933	3.3	B	-
2934	3.3	A	-
2935	3.3	A	-
2936	6.1	B	-
2937	6.1	A	-
2941	6.1	B	-
2943	3.3	A	-
2945	3.2	B	-
2946	6.1	A	-
2947	3.3	A	-
2948	6.1	B	-
2949	8	B	-
2966	6.1	B	-
2983	3.1	C	(a)
2984	5.1	B	(e), (x)
2985	3.2	C	(b)
2986	8	C	-
2987	8	C	-
2991	6.1	B	(b), (j)
2992	6.1	B	(b), (j)
2993	6.1	B	(b), (j)
2994	6.1	B	(b), (j)
2995	6.1	B	(b), (j)
2996	6.1	B	(b), (j)
2997	6.1	B	(b), (j)
2998	6.1	B	(b), (j)
3005	6.1	B	(b), (j)
3006	6.1	B	(b), (j)
3009	6.1	B	(b), (j)
3010	6.1	B	(b), (j)
3011	6.1	B	(b), (j)
3012	6.1	B	(b), (j)
3013	6.1	B	(b), (j)
3014	6.1	B	(b), (j)
3015	6.1	B	(b), (j)
3016	6.1	B	(b), (j)
3017	6.1	B	(b), (j)
3018	6.1	B	(b), (j)
3019	6.1	B	(b), (j)
3020	6.1	B	(b), (j)
3021	3.2	C	(b), (c)
3022	3.2	B	-
3023	6.1	C	(b)
3024	3.2	C	(b), (j)
3025	6.1	B	(b), (j)
3026	6.1	B	(b), (j)
3054	3.3	A	-
3055	8	B	-
3056	3.3	A	-
3064	3.2	Prohibited in tanks	
3065	3.2/3.3	A	-
3071	6.1	B	(b)
3073	6.1	B	(b)
3079	3.2	C	(b)
3080	6.1	C	(b)
3082	9	A	-
3092	3.3	A	-
3145	8	B	(j)
3246	6.1	C	(b), (c)
3250	6.1	C	(f)
3256	3.3	A	(f)
3257	9	A	(f)
3264	8	B	(j), (k)
3265	8	B	(j), (k)
3266	8	B	(j), (k)
3267	8	B	(j), (k)
3271	3.1/3.2	B	(j)
3271	3.2/3.3	A	(j)
3272	3.2	B	> <
3272	3.2/3.3	A	> <
3273	3.1/3.2	B	(b), (j)
3275	6.1	B	(b), (j)
3276	6.1	B	(j)
3277	6.1	C	(b)
3278	6.1	B	(j)
3278	6.1	A	

UN No.	Class	Bottom Openings	Special Requirements
3279	6.1	B	(b), (j)
3280	6.1	B	(j)
3280	6.1	A	-
3281	6.1	B	(j)
3281	6.1	A	-
3282	6.1	B	(j)
3282	6.1	A	-
3283	6.1	B	(j)
3283	6.1	A	-
3284	6.1	B	(j)
3284	6.1	A	-
3285	6.1	B	(j)
3285	6.1	A	-
3286	3.1/3.2	C	(b), (j)
3287	6.1	B	(j)
3287	6.1	A	-
3289	6.1	B	(j)
3293	6.1	A	-
3294	6.1	C	(b)
3295	3.1/3.2	B	(j)
3295	3.2/3.3	A	(j)
3302	6.1	B	-
3320	8	B	-
3336	3.1/3.2	C	-
3336	3.1/3.2	B	-
3336	3.3	B	-
3346	3.2	C	(b), (j)
3347	6.1	B	(j)
3348	6.1	B	(j)
3350	3.2	C	(b), (j)
3351	6.1	B	(j)
3352	6.1	B	(j)

The operator/consignor is to ensure in each case that the parameters of the tank such as the MAWP stated on the certificate are not exceeded, and that the substance being carried is compatible with the tank materials from the actual properties and data provided by the manufacturer of the substance.

Bottom Openings

A Bottom openings allowed (2 shutoff devices)

B Bottom openings allowed (3 shutoff devices)

C No bottom openings allowed

Special Requirements

(a) Stowage under nitrogen blanket or other means of inert gas.
(b) Additional self-contained breathing apparatus to be provided on board.
(c) Highly corrosive to steel.
(d) With a 5mm lead lining, which must be tested annually, or a suitable lining accepted by the competent authority.
(e) To prevent the tank bursting in any event, including fire engulfment, it should be provided with pressure-relief devices which are adequate in relation to the capacity of the tank and to the nature of the substance carried. The device must also be compatible with the substance.
(f) May be filled, discharged or transported at elevated temperatures in insulated tanks. Heating may or may not be applied; see 13.1.27.
(g) Reserved.
(h) Transported in insulated tanks.
(i) Tank material to be stainless steel.
(j) Any substance that meets the criteria for packaging group 1 should not be carried under this description except under conditions laid down by the competent authority.
(k) If the substance or mixture of substances is highly corrosive to ships' structure, i.e. mild steel, a constant $C = 171$ should be used in 13.1.5.
(l) Reserved.
(m) May only be carried in the solid state.
(n) The tank should be fitted with a special device to prevent under- and over-pressure, during normal transport conditions. This device should be approved by the competent authority. NF is required to prevent crystallization of the product in the pressure-relief valve.
(o) Reserved.
(p) Only inorganic non-combustible materials should be used for thermal insulation of the tank.
(q) See 13.1.55.1.
(r) Provided that steps have been taken to achieve the safety equivalence of 65% *tert*-butyl hydroperoxide and 35% water.
(s) No subsidiary risk label of **class 8** required for concentrations below 80%.
(t) Maximum quantity per portable tank 2,000 kg, loaded and unloaded in the molten state, transported as solid.
(u) When transported under heated conditions, the heating device should be fitted outside the shell.
(v) To be carried under special temperature conditions - see relevant individual schedule.
(w) Special filling limits are to be observed. The tank should not be filled to more than 88% of its capacity at any time during transport.
(x) The portable tank may be fitted with a device located under maximum filling conditions in the vapour space of the shell to prevent the build up of excess pressure due to the slow decomposition of the substance transported. This device should also prevent an unacceptable amount of leakage of liquid in the case of overturning or entry of foreign matter into the tank. This device should be approved by the competent authority or its authorised body.