



TESTING PERFORMED BY SKOLNIK INDUSTRIES, INC.  
 TESTING LAB - AKA: "SDCC"  
 4900 South Kilbourn Avenue Chicago, Illinois 60632

ID NUMBER	TEST NUMBER
<b>21-109</b>	<b>018</b>

# UN DRUM QUALIFICATION TEST REPORT

## - PERIODIC RE-TESTING -

Qualification Testing and Periodic Retesting for steel drums is performed in accordance with applicable sections of the following:  
*U.N. Recommendations on the Transport of Dangerous Goods, 49 CFR §173.22 and .24, §178.2, §178.600 through §178.606 and .608*  
 in addition to Skolnik Industries, Inc. Procedure SOP - 11.1.

U.N. MARKING:	<b>1A1/X1.8/300</b>	PART NUMBER:	<b>ST5503</b>
		TEST DATE: <small>(Periodic Retesting is required within 12 months from test date)</small>	<b>November 17, 2021</b>

### DRUM DESCRIPTION

DRUM TYPE:	<b>Tight Head</b>	ROLLING HOOPS:	<b>Two</b>
MATERIAL:	<b>Stainless Steel</b>	RING:	<b>N/A</b>
THICKNESS: <small>(top/body/bottom)</small>	<b>1.2 / 1.2 / 1.2 mm</b>	NUT/BOLT TYPE:	<b>N/A</b>
CAPACITY:	<b>55 Gallon</b>	CLOSING INSTRUCTIONS:	<b>PQ 080 Rev. D</b>
INSIDE DIAMETER:	<b>22.50"</b>	GASKET:	<b>N/A</b>
OVERALL HEIGHT:	<b>35.25"</b>	CHIME TYPE:	<b>Round Chime</b>
PACKAGING GROUP:	<b>I Liquids</b>	SEAM CONSTRUCTION:	<b>Butt Weld</b>
SPECIFIC GRAVITY:	<b>1.8</b>	FITTINGS:	<b>2" &amp; 3/4" TS in Cover PT2050A PT3050A Buna Gasket 2" in Body PT2050A Buna Gasket</b>
SOLIDS GROSS WEIGHT:	<b>N/A</b>	DRUM TARE WEIGHT:	<b>22.5 Kg</b>
MAXIMUM CAPACITY:	<b>58.5 Gallon</b>		

### TESTING

<b>DROP TEST - SOLIDS</b>	49 CFR §178.603	<b>DROP TEST - LIQUIDS</b>	49 CFR §178.603
CONTENTS USED:	<b>N/A</b>	CONTENTS USED:	<b>Water</b>
CAPACITY FILLED TO:	<b>N/A</b>	CAPACITY FILLED TO:	<b>98%</b>
SOLID DROP HEIGHT:	<b>N/A</b>	LIQUID DROP HEIGHT:	<b>1.8 m</b>
RESULTS, TEST 1:	<b>N/A</b>	RESULTS, TEST 1:	<b>Pass</b> <small>1 sample dropped on bottom chime</small>
RESULTS, TEST 2:	<b>N/A</b>	RESULTS, TEST 2:	<b>Pass</b> <small>1 sample dropped onto top chime</small>

<b>STACKING TEST - SOLIDS</b>	49 CFR §178.606	<b>STACKING TEST - LIQUIDS</b>	49 CFR §178.606
CONTENTS USED:	<b>N/A</b>	CONTENTS USED:	<b>Water</b>
CAPACITY FILLED TO:	<b>N/A</b>	CAPACITY FILLED TO:	<b>98%</b>
TEST WEIGHT:	<b>N/A</b>	TEST WEIGHT:	<b>1767 kg</b>
RESULTS:	<b>N/A</b>	RESULTS:	<b>PASS</b> <small>1 sample maintained for 24 hours</small>

<b>LEAKPROOFNESS TEST</b>	49 CFR §178.604
TEST PRESSURE:	<b>34.5 kPa</b> <small>3 samples held for (5) minutes</small>
RESULTS:	<b>PASS</b>

**VIBRATION STANDARD** 49 CFR §178.608

The vibration standard criteria as set forth in 49 CFR § 178.608 was successfully reviewed upon design qualification testing for this type of container. Past performance has indicated no failures.

<b>HYDROSTATIC TEST</b>	49 CFR §178.605
TEST PRESSURE:	<b>300 kPa</b> <small>1 sample held for (5) minutes</small>
RESULTS:	<b>PASS</b>

**TEST PERSONNEL**

*Moises Basilio*  
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 Inspection and Testing Manager

**APPROVAL**

*Michael A. McKinley*  
 Mike McKinley  
 Director of Quality Assurance