



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

ID NUMBER	TEST NUMBER
23-082	018

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:	1A1/X1.8/300	PART NUMBER:	ST5503
		TEST DATE: <small>(Periodic Retesting is required within 12 months from test date)</small>	November 17, 2023

DRUM DESCRIPTION

<table border="1"> <tr><td>DRUM TYPE:</td><td style="text-align: center;">Tight Head</td></tr> <tr><td>MATERIAL:</td><td style="text-align: center;">Stainless Steel</td></tr> <tr><td>THICKNESS: <small>(top/body/bottom)</small></td><td style="text-align: center;">1.2 / 1.2 / 1.2 mm</td></tr> <tr><td>CAPACITY:</td><td style="text-align: center;">55 Gallon</td></tr> <tr><td>INSIDE DIAMETER:</td><td style="text-align: center;">22.50"</td></tr> <tr><td>OVERALL HEIGHT:</td><td style="text-align: center;">35.25"</td></tr> <tr><td>PACKAGING GROUP:</td><td style="text-align: center;">I Liquids</td></tr> <tr><td>SPECIFIC GRAVITY:</td><td style="text-align: center;">1.8</td></tr> <tr><td>SOLIDS GROSS WEIGHT:</td><td style="text-align: center;">N/A</td></tr> <tr><td>MAXIMUM CAPACITY:</td><td style="text-align: center;">59.5 Gallon</td></tr> </table>	DRUM TYPE:	Tight Head	MATERIAL:	Stainless Steel	THICKNESS: <small>(top/body/bottom)</small>	1.2 / 1.2 / 1.2 mm	CAPACITY:	55 Gallon	INSIDE DIAMETER:	22.50"	OVERALL HEIGHT:	35.25"	PACKAGING GROUP:	I Liquids	SPECIFIC GRAVITY:	1.8	SOLIDS GROSS WEIGHT:	N/A	MAXIMUM CAPACITY:	59.5 Gallon	<table border="1"> <tr><td>ROLLING HOOPS:</td><td style="text-align: center;">Two</td></tr> <tr><td>RING:</td><td style="text-align: center;">N/A</td></tr> <tr><td>NUT/BOLT TYPE:</td><td style="text-align: center;">N/A</td></tr> <tr><td>CLOSING INSTRUCTIONS:</td><td style="text-align: center;">PQ 080 Rev. F</td></tr> <tr><td>GASKET:</td><td style="text-align: center;">N/A</td></tr> <tr><td>CHIME TYPE:</td><td style="text-align: center;">Round Chime</td></tr> <tr><td>SEAM CONSTRUCTION:</td><td style="text-align: center;">Butt Weld</td></tr> <tr><td>FITTINGS:</td><td style="text-align: center;">2" & 3/4" TS in Cover PT2050A PT3050A Buna Gasket 2" in Body PT2050A Buna Gasket</td></tr> <tr><td>DRUM TARE WEIGHT:</td><td style="text-align: center;">21.5 Kg</td></tr> </table>	ROLLING HOOPS:	Two	RING:	N/A	NUT/BOLT TYPE:	N/A	CLOSING INSTRUCTIONS:	PQ 080 Rev. F	GASKET:	N/A	CHIME TYPE:	Round Chime	SEAM CONSTRUCTION:	Butt Weld	FITTINGS:	2" & 3/4" TS in Cover PT2050A PT3050A Buna Gasket 2" in Body PT2050A Buna Gasket	DRUM TARE WEIGHT:	21.5 Kg
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TESTING

DROP TEST - SOLIDS	DROP TEST - LIQUIDS
<small>49 CFR §178.603</small>	<small>49 CFR §178.603</small>
CONTENTS USED:	CONTENTS USED:
N/A	Water
CAPACITY FILLED TO:	CAPACITY FILLED TO:
N/A	98%
SOLID DROP HEIGHT:	LIQUID DROP HEIGHT:
N/A	2.7 m
RESULTS, TEST 1:	RESULTS, TEST 1:
N/A	Pass
	<small>1 sample dropped on bottom chime</small>
RESULTS, TEST 2:	RESULTS, TEST 2:
N/A	Pass
	<small>1 sample dropped onto top chime</small>

STACKING TEST - SOLIDS	STACKING TEST - LIQUIDS
<small>49 CFR §178.606</small>	<small>49 CFR §178.606</small>
CONTENTS USED:	CONTENTS USED:
N/A	Water
CAPACITY FILLED TO:	CAPACITY FILLED TO:
N/A	98%
TEST WEIGHT:	TEST WEIGHT:
N/A	1784 kg
RESULTS:	RESULTS:
N/A	PASS
	<small>1 sample maintained for 24 hours</small>

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

VIBRATION STANDARD	HYDROSTATIC TEST
<small>49 CFR §178.608</small>	<small>49 CFR §178.605</small>
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.	TEST PRESSURE:
	300 kPa
	<small>1 sample held for (5) minutes</small>
RESULTS:	PASS

TEST PERSONNEL

Mouises Basilio
 Inspection and Testing Manager

APPROVAL

Michael McKinley
 Mike McKinley
 Director of Quality Assurance