

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

ID NUMBER	TEST NUMBER
24-087	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:	<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>	November 18, 2024

### DRUM DESCRIPTION

DRUM TYPE:	Tight Head	ROLLING HOOPS:	Two
MATERIAL:	Stainless Steel	RING:	N/A
THICKNESS: <small>(top/body/bottom)</small>	1.2 / 1.2 / 1.2 mm	NUT/BOLT TYPE:	N/A
CAPACITY:	55 Gallon	CLOSING INSTRUCTIONS:	PQ 080 Rev. F
INSIDE DIAMETER:	22.50"	GASKET:	N/A
OVERALL HEIGHT:	35.25"	CHIME TYPE:	Round Chime
PACKAGING GROUP:	I Liquids	SEAM CONSTRUCTION:	Butt Weld
SPECIFIC GRAVITY:	1.8	FITTINGS:	2" & 3/4" TS in Cover PT2050A PT3050A Buna Gasket 2" in Body PT2050A Buna Gasket
SOLIDS GROSS WEIGHT:	N/A	DRUM TARE WEIGHT:	21.5 Kg
MAXIMUM CAPACITY:	59.1 Gallon		

### TESTING

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

<u>STACKING TEST - SOLIDS</u>		49 CFR §178.606	<u>STACKING TEST - LIQUIDS</u>		49 CFR §178.606
CONTENTS USED:	N/A		CONTENTS USED:	Water	
CAPACITY FILLED TO:	N/A		CAPACITY FILLED TO:	98%	
TEST WEIGHT:	N/A		TEST WEIGHT:	1793 kg	1 sample maintained for 24 hours
RESULTS:	N/A		RESULTS:	PASS	


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

**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.

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

**TEST PERSONNEL**

  
 MOISES BZSILIO  
 Inspection and Testing Manager

**APPROVAL**

  
 Mike McKinley  
 Director of Quality Assurance