



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

ID NUMBER	TEST NUMBER
22-008	033

# 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/X1.2/300</b>	PART NUMBER:	<b>ST2003</b>
		TEST DATE: <small>(Periodic Retesting is required within 12 months from test date)</small>	February 18, 2022

### 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:	20 Gallon	CLOSING INSTRUCTIONS:	PQ 080 Rev. D
INSIDE DIAMETER:	18.25"	GASKET:	N/A
OVERALL HEIGHT:	21.75	CHIME TYPE:	Round Chime
PACKAGING GROUP:	I Liquids	SEAM CONSTRUCTION:	Butt Weld
SPECIFIC GRAVITY:	1.2	FITTINGS:	2" & 3/4" TS in Cover PT2050A PT3050A Buna Gasket
SOLIDS GROSS WEIGHT:	N/A	DRUM TARE WEIGHT:	12.5 Kg
MAXIMUM CAPACITY:	22.9 Gallon		

### TESTING

#### DROP TEST - SOLIDS

49 CFR §178.603

CONTENTS USED:	N/A
CAPACITY FILLED TO:	N/A
SOLID DROP HEIGHT:	N/A
RESULTS, TEST 1:	N/A
RESULTS, TEST 2:	N/A

#### DROP TEST - LIQUIDS

49 CFR §178.603

CONTENTS USED:	Water
CAPACITY FILLED TO:	98%
LIQUID DROP HEIGHT:	1.8 m
RESULTS, TEST 1:	Pass <small>1 sample dropped on bottom chime</small>
RESULTS, TEST 2:	Pass <small>1 sample dropped onto top chime</small>

#### STACKING TEST - SOLIDS

49 CFR §178.606

CONTENTS USED:	N/A
CAPACITY FILLED TO:	N/A
TEST WEIGHT:	N/A
RESULTS:	N/A

#### STACKING TEST - LIQUIDS

49 CFR §178.606

CONTENTS USED:	Water
CAPACITY FILLED TO:	98%
TEST WEIGHT:	1160 kg <small>1 sample maintained for 24 hours</small>
RESULTS:	PASS

#### LEAKPROOFNESS TEST

49 CFR §178.604

TEST PRESSURE:	34.5 kPa <small>3 samples held for (5) minutes</small>
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.

#### HYDROSTATIC TEST

49 CFR §178.605

TEST PRESSURE:	300 kPa <small>1 sample held for (5) minutes</small>
RESULTS:	PASS

#### TEST PERSONNEL

*Moises Basilio*  
 02/18/2022 05:51:32 am SigPlus1  
 moises basilio  
 Inspection and Testing Manager

#### APPROVAL

Mike McKenley  
 Director of Quality Assurance