



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

ID NUMBER	TEST NUMBER
20-100	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:

November 9, 2020

(Periodic Retesting is required within 12 months from test date)

DRUM DESCRIPTION

DRUM TYPE:	Tight Head	ROLLING HOOPS:	Two
MATERIAL:	Stainless Steel	RING:	N/A
THICKNESS: (top/body/bottom)	1.2 / 1.2 / 1.2 mm	NUT/BOLT TYPE:	N/A
CAPACITY:	55 Gallon	CLOSING INSTRUCTIONS:	PQ 080 Rev. D
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		

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 1 sample dropped on bottom chime
RESULTS, TEST 2:	Pass 1 sample dropped onto top chime

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:	1788 kg 1 sample maintained for 24 hours
RESULTS:	PASS

LEAKPROOFNESS TEST

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.

HYDROSTATIC TEST

49 CFR §178.605

TEST PRESSURE:	300 kPa 1 sample held for (5) minutes
RESULTS:	PASS

TEST PERSONNEL

Moises Basilio
Moises Basilio
Inspection and Testing Manager

APPROVAL

Carlos Salinas
Director of Quality Assurance