



TESTING PERFORMED BY SKOLNIK INDUSTRIES, INC.

TESTING LAB - AKA: "**SDCC"

4900 South Kilbourn Avenue Chicago, Illinois 60632

ID NUMBER	TEST NUMBER
22-002	021

UN DRUM QUALIFICATION TEST REPORT

- DESIGN QUALIFICATION -

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:	CQ5516
		TEST DATE: <small>(Periodic Retesting is required within 12 months from test date)</small>	July 21, 2022

DRUM DESCRIPTION

DRUM TYPE:	Tight Head	ROLLING HOOPS:	Two
MATERIAL:	Carbon Steel	RING:	N/A
THICKNESS: <small>(top/body/bottom)</small>	1.5 / 1.5 / 1.5 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:	Overlap Weld
SPECIFIC GRAVITY:	1.8	FITTINGS:	2" & 3/4" TS PT2000A PT3000A in Cover 2" TS 2" TS PT2000A in the Lower Body Buna Gasket
SOLIDS GROSS WEIGHT:	N/A	DRUM TARE WEIGHT:	26.5 Kg
MAXIMUM CAPACITY:	59.5 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:	2.1 m
RESULTS, TEST 1:	PASS 3 samples dropped on bottom chime
RESULTS, TEST 2:	PASS 3 samples 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:	1781 kg 3 samples 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:	250 kPa 3 samples held for (5) minutes
RESULTS:	PASS

TEST PERSONNEL

Morises Basilio

morises basilio

Inspection and Testing Manager

APPROVAL

Mike McKinley

Mike McKinley

Director of Quality Assurance