



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

ID NUMBER	TEST NUMBER
20-064	026

# 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/X1.6/250</b>	PART NUMBER:	<b>CQ0503</b>
		TEST DATE: <small>(Periodic Retesting is required within 12 months from test date)</small>	July 21, 2020

### DRUM DESCRIPTION

DRUM TYPE:	Tight Head	ROLLING HOOPS:	N/A
MATERIAL:	Carbon Steel	RING:	N/A
THICKNESS: <small>(top/body/bottom)</small>	0.9 / 0.9 / 0.9 mm	NUT/BOLT TYPE:	N/A
CAPACITY:	5 Gallon	CLOSING INSTRUCTIONS:	PQ 080 Rev. D
INSIDE DIAMETER:	14"	GASKET:	N/A
OVERALL HEIGHT:	10.5"	CHIME TYPE:	Box Chime
PACKAGING GROUP:	I Liquids	SEAM CONSTRUCTION:	Overlap Weld
SPECIFIC GRAVITY:	1.6	FITTINGS:	2" & 3/4" TS in Cover PT2000A PT3000A 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:	2.4 m
RESULTS, TEST 1:	PASS <small>3 samples dropped on bottom chime</small>
RESULTS, TEST 2:	PASS <small>3 samples 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:	605 kg <small>3 samples 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:	250 kPa <small>3 samples held for (5) minutes</small>
RESULTS:	PASS

**TEST PERSONNEL**

Moises Basilio

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Inspection and Testing Manager

**APPROVAL**

C. Salinas

Carlos Salinas  
Director of Quality Assurance