

**SKOLNIK**

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

ID NUMBER	TEST NUMBER
23-001	007

# 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:

**1A2/X235/S**  
**1A2/Y1.5/200**

PART NUMBER:

**CQ3014**  
**PH3001**  
**HM3004**

TEST DATE:

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

January 22, 2023

## DRUM DESCRIPTION

DRUM TYPE:	Open Head	ROLLING HOOPS:	Two
MATERIAL:	Carbon Steel	RING:	HP Bolt Ring RBH1812
THICKNESS: (top/body/bottom)	1.5 / 1.5 / 1.5 mm	NUT/BOLT TYPE:	5/8" - 11UNC 2A x 4" BT5840NQA NT5800NQA
CAPACITY:	30 Gallon	CLOSING INSTRUCTIONS:	PQ 080 Rev. F
INSIDE DIAMETER:	18.25"	GASKET:	EPDM "D" GE2000
OVERALL HEIGHT:	29.0"	CHIME TYPE:	Round Chime
PACKAGING GROUP:	I Solids II Liquids	SEAM CONSTRUCTION:	Overlap Weld
SPECIFIC GRAVITY:	1.5	FITTINGS:	2" & 3/4" Rieke in Cover PR2041 PR3041 EPDM Gasket
SOLIDS GROSS WEIGHT:	235 kg	DRUM TARE WEIGHT:	19.5 Kg
MAXIMUM CAPACITY:	31.2 Gallon		

## TESTING

### DROP TEST - SOLIDS

49 CFR §178.603

CONTENTS USED:	Sand and Steel Plates
CAPACITY FILLED TO:	95%
SOLID DROP HEIGHT:	1.8 m
RESULTS, TEST 1:	<b>PASS</b> 3 samples dropped on bottom chime
RESULTS, TEST 2:	<b>PASS</b> 3 samples dropped onto ring at 45 degrees

### DROP TEST - LIQUIDS

49 CFR §178.603

CONTENTS USED:	Water
CAPACITY FILLED TO:	98%
LIQUID DROP HEIGHT:	1.5 m
RESULTS, TEST 1:	<b>PASS</b> 3 samples dropped on bottom chime
RESULTS, TEST 2:	<b>PASS</b> 3 samples dropped onto ring at 45 degrees

### STACKING TEST - SOLIDS

49 CFR §178.606

CONTENTS USED:	Sand and Steel Plates
CAPACITY FILLED TO:	95%
TEST WEIGHT:	1431 kg 3 samples maintained for 24 hours
RESULTS:	<b>PASS</b>

### STACKING TEST - LIQUIDS

49 CFR §178.606

CONTENTS USED:	Water
CAPACITY FILLED TO:	98%
TEST WEIGHT:	1127 kg 3 samples maintained for 24 hours
RESULTS:	<b>PASS</b>

### LEAKPROOFNESS TEST

49 CFR §178.604

TEST PRESSURE:	34.5 kPa 3 samples held for (5) minutes
RESULTS:	<b>PASS</b>

### 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:	200 kPa 3 samples held for (5) minutes
RESULTS:	<b>PASS</b>

### TEST PERSONNEL

*Moises Basilio*  
 MOISES BASILIO  
 Inspection and Testing Manager

### APPROVAL

*Mike McKinley*  
 Mike McKinley  
 Director of Quality Assurance