

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

ID NUMBER TEST NUMBER

**20-106****119****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/X435/S  
1A2/Y1.5/150**

PART NUMBER:

**CQ5506  
HM5506**

TEST DATE:

December 10, 2020

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

DRUM TYPE:	Open Head	ROLLING HOOPS:	Three
MATERIAL:	Carbon Steel	RING:	HP Bolt Ring RBH2212
THICKNESS: (top/body/bottom)	1.2 / 1.2 / 1.2 mm	NUT/BOLT TYPE:	5/8" - 11 UNC-2A x 4.00" BT5840 NT5800
CAPACITY:	55 Gallon	CLOSING INSTRUCTIONS:	PQ 080 Rev. D
INSIDE DIAMETER:	22.50"	GASKET:	"D" EPDM GE5500
OVERALL HEIGHT:	34.70"	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 2" TS in Body PT2000A - Buna Gasket
SOLIDS GROSS WEIGHT:	435 kg		

**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:	1966 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:	1515 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.

**TEST PERSONNEL****Moises Basilio**Moises Basilio  
Inspection and Testing Manager**HYDROSTATIC TEST**

49 CFR §178.605

TEST PRESSURE:	150 kPa 3 samples held for (5) minutes
RESULTS:	<b>PASS</b>

**APPROVAL****Carlos Salinas**Carlos Salinas  
Director of Quality Assurance