

SKOLNIK

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

ID NUMBER

24-029

TEST NUMBER

165

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

PART NUMBER:

CQ3007Q
HM3001Q

TEST DATE:

May 3, 2024

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

DRUM DESCRIPTION

DRUM TYPE:

Open Head

MATERIAL:

Carbon Steel

THICKNESS:
(top/body/bottom)

1.5 / 1.2 / 1.2 mm

CAPACITY:

30 Gallon

INSIDE DIAMETER:

18.25"

OVERALL HEIGHT:

28.7"

PACKAGING GROUP:

I Solids

SPECIFIC GRAVITY:

N/A

SOLIDS GROSS WEIGHT:

235 kg

MAXIMUM CAPACITY:

31.3 Gallon

ROLLING HOOPS:

Two

RING:

Leverlock
RQ2013

NUT/BOLT TYPE:

N/A

CLOSING INSTRUCTIONS:

PQ 080 Rev. F

GASKET:

"D" EPDM
GE2000

CHIME TYPE:

Round Chime

SEAM CONSTRUCTION:

Overlap Weld

FITTINGS:

2" & 3/4" Rieke in Cover
PR2041 PR3041
EPDM Gasket

DRUM TARE WEIGHT:

18.5 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:

PASS
3 samples dropped on bottom chime

RESULTS, TEST 2:

PASS
3 samples dropped onto ring at 45 degrees

DROP TEST - LIQUIDS

49 CFR §178.603

CONTENTS USED:

N/A

CAPACITY FILLED TO:

N/A

LIQUID DROP HEIGHT:

N/A

RESULTS, TEST 1:

N/A

RESULTS, TEST 2:

N/A

STACKING TEST - SOLIDS

49 CFR §178.606

CONTENTS USED:

Sand and Steel Plates

CAPACITY FILLED TO:

95%

TEST WEIGHT:

1428 kg
3 samples maintained for 24 hours

RESULTS:

PASS

STACKING TEST - LIQUIDS

49 CFR §178.606

CONTENTS USED:

N/A

CAPACITY FILLED TO:

N/A

TEST WEIGHT:

N/A

RESULTS:

N/A

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:

N/A

RESULTS:

N/A

TEST PERSONNEL

Moises Basilio

Moises Basilio
Inspection and Testing Manager

APPROVAL

Michael McKinley

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